UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 10-Q

☒ **QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the quarterly period ended June 30, 2023

OR

☐ **TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the transition period from ________to _________

Commission file number 001-34170

MicroVision, Inc.
(Exact name of registrant as specified in its charter)

Delaware **(State or Other Jurisdiction of Incorporation or Organization)**	**91-1600822** **(I.R.S. Employer Identification Number)**

18390 NE 68th Street
Redmond, Washington 98052
(Address of Principal Executive Offices, including Zip Code)

(425) 936-6847
(Registrant's Telephone Number, including Area Code)

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, $0.001 par value per share	**MVIS**	**The Nasdaq Stock Market LLC**

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file reports), and (2) has been subject to such filing requirements for the past 90 days.

YES ☒ NO ☐

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files).

YES ☒ NO ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, anon-accelerated filer, a smaller reporting company or an emerging growth company. See definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	☒	Accelerated filer	☐
Non-accelerated filer	☐	Smaller reporting company	☐
		Emerging growth company	☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

YES ☐ NO ☒

The number of shares of the registrant's common stock outstanding as of August 4, 2023 was187,783,274.

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PART I.

ITEM 1. FINANCIAL STATEMENTS

MicroVision, Inc.
Condensed Consolidated Balance Sheets
(In thousands, except per share data)
(Unaudited)

	June 30, 2023	December 31, 2022
Assets		
Current assets		
Cash and cash equivalents	$ 62,308	$ 20,536
Investment securities, available-for-sale	31,565	62,173
Restricted cash, current	3,263	—
Accounts receivable, net	821	—
Inventory	2,933	1,861
Advance to Ibeo	—	4,132
Deferred tax current	53	—
Other current assets	2,332	2,306
Total current assets	103,275	91,008
Property and equipment, net	9,949	6,830
Operating lease right-of-use asset	14,422	14,579
Restricted cash	961	1,418
Intangible assets, net	18,321	75
Non-current deferred tax assets	392	—
Other assets	1,335	1,086
Total assets	$ 148,655	$ 114,996
Liabilities and shareholders' equity		
Current liabilities		
Accounts payable	$ 1,890	$ 2,061
Accrued liabilities	6,595	2,058
Accrued liability for Ibeo business combination	6,191	—
Contract liabilities	5,729	4,601
Current portion of operating lease liability	2,285	1,846
Current portion of finance lease obligations	8	21
Other current liabilities	—	839
Total current liabilities	22,698	11,426
Operating lease liability, net of current portion	13,371	13,829
Other long-term liabilities	81	—
Total liabilities	36,150	25,255
Commitments and contingencies (Note 10)		
Shareholders' equity		
Preferred stock, par value $0.001; 25,000 shares authorized; no and no shares issued and outstanding	—	—
Common stock, par value $0.001; 310,000 shares authorized; 187,620 and 170,503 shares issued and outstanding at June 30, 2023 and December 31, 2022, respectively	188	171
Additional paid-in capital	835,410	772,221
Subscriptions receivable	(925)	—
Accumulated other comprehensive loss	(8)	(127)
Accumulated deficit	(722,160)	(682,524)
Total shareholders' equity	112,505	89,741
Total liabilities and shareholders' equity	$ 148,655	$ 114,996

The accompanying notes are an integral part of these financial statements.

MicroVision, Inc.
Condensed Consolidated Statements of Operations
(In thousands, except per share data)
(Unaudited)

	Three Months Ended June 30,		Six Months Ended June 30,	
	2023	2022	2023	2022
Revenue	$ 329	$ 314	$ 1,111	$ 664
Cost of Revenue	701	18	1,245	22
Gross profit	(372)	296	(134)	642
Research and development expense	13,851	7,700	26,543	15,293
Sales, marketing, general and administrative expense	9,692	6,265	18,429	12,142
Gain on disposal of fixed assets	(15)	—	(15)	—
Total operating expenses	23,528	13,965	44,957	27,435
Loss from operations	(23,900)	(13,669)	(45,091)	(26,793)
Bargain purchase gain, net of tax	—	—	1,706	—
Other income	3,570	72	4,209	28
Net loss before taxes	(20,330)	(13,597)	(39,176)	(26,765)
Income tax expense	(279)	—	(460)	—
Net loss	$ (20,609)	$ (13,597)	$ (39,636)	$ (26,765)
Net loss per share - basic and diluted	$ (0.12)	$ (0.08)	$ (0.23)	$ (0.16)
Weighted-average shares outstanding - basic and diluted	177,302	165,238	176,009	164,902

The accompanying notes are an integral part of these financial statements.

MicroVision, Inc.
Condensed Consolidated Statements of Comprehensive Loss
(In thousands)
(Unaudited)

	Three Months Ended June 30,		Six Months Ended June 30,	
	2023	2022	2023	2022
Net loss	$(20,609)	$(13,597)	$(39,636)	$(26,765)
Other comprehensive loss:				
Unrealized loss on investment securities, available-for-sale	18	(54)	95	(159)
Foreign currency translation adjustments	(83)	—	24	—
Total comprehensive income (loss)	(65)	(54)	119	(159)
Comprehensive loss	$(20,674)	$(13,651)	$(39,517)	$(26,924)

The accompanying notes are an integral part of these financial statements.

MicroVision, Inc.
Condensed Consolidated Statements of Shareholders' Equity
(In thousands)
(Unaudited)

	Common Stock Shares	Par value	Additional paid-in capital	Subscriptions receivable	Accumulated other comprehensive loss	Accumulated deficit	Total shareholders' equity
Balance at March 31, 2023	176,026	$176	$787,856	$ —	$ 57	$ (701,551)	$ 86,538
Share-based compensation expense	536	1	3,477	—	—	—	3,478
Exercise of options	180	—	168	—	—	—	168
Sales of common stock, net	10,878	11	43,909	(925)	—	—	42,995
Net loss	—	—	—	—	—	(20,609)	(20,609)
Other comprehensive loss	—	—	—	—	(65)	—	(65)
Balance at June 30, 2023	187,620	$188	$835,410	$ (925)	$ (8)	$ (722,160)	$ 112,505
Balance at January 1, 2023	170,503	$171	$772,221	$ —	$ (127)	$ (682,524)	$ 89,741
Share-based compensation expense	999	1	6,426	—	—	—	6,427
Exercise of options	180	—	168	—	—	—	168
Sales of common stock, net	15,938	16	56,595	(925)	—	—	55,686
Net loss	—	—	—	—	—	(39,636)	(39,636)
Other comprehensive income	—	—	—	—	119	—	119
Balance at June 30, 2023	187,620	$188	$835,410	$ (925)	$ (8)	$ (722,160)	$ 112,505
Balance at March 31, 2022	164,887	$165	$746,028	$ —	$ (124)	$ (642,601)	$ 103,468
Share-based compensation expense	423	—	4,120	—	—	—	4,120
Exercise of options	128	—	163	—	—	—	163
Net loss	—	—	—	—	—	(13,597)	(13,597)
Other comprehensive loss	—	—	—	—	(54)	—	(54)
Balance at June 30, 2022	165,438	$165	$750,311	$ —	$ (178)	$ (656,198)	$ 94,100
Balance at January 1, 2022	164,363	$164	$742,042	$ —	$ (19)	$ (629,433)	$ 112,754
Share-based compensation expense	757	1	7,853	—	—	—	7,854
Exercise of options	318	—	416	—	—	—	416
Net loss	—	—	—	—	—	(26,765)	(26,765)
Other comprehensive loss	—	—	—	—	(159)	—	(159)
Balance at June 30, 2022	165,438	$165	$750,311	$ —	$ (178)	$ (656,198)	$ 94,100

The accompanying notes are an integral part of these financial statements.

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MicroVision, Inc.
Condensed Consolidated Statements of Cash Flows
(In thousands)
(Unaudited)

	Six Months Ended June 30, 2023	Six Months Ended June 30, 2022
Cash flows from operating activities		
Net loss	$(39,636)	$(26,765)
Adjustments to reconcile net loss to net cash used in operations:		
Depreciation and amortization	4,151	901
Bargain purchase gain, net of tax	(1,706)	—
Gain on disposal of fixed assets	(15)	—
Impairment of property and equipment	12	60
Inventory write-downs	56	17
Share-based compensation expense	6,815	7,854
Non-cash interest expense	—	9
Net accretion of premium on short-term investments	(695)	269
Change in:		
Accounts receivable	(821)	—
Inventory	69	(70)
Other current and non-current assets	(31)	1,213
Accounts payable	246	(1,874)
Accrued liabilities	4,138	246
Contract liabilities and other current liabilities	(1,692)	(1,845)
Operating lease liabilities	(1,096)	(619)
Other long-term liabilities	81	—
Net cash used in operating activities	(30,124)	(20,604)
Cash flows from investing activities		
Sales of investment securities	48,700	14,500
Purchases of investment securities	(17,302)	(38,134)
Cash paid for Ibeo business combination	(11,233)	—
Purchases of property and equipment	(1,484)	(1,128)
Net cash provided by (used in) investing activities	18,681	(24,762)
Cash flows from financing activities		
Principal payments under finance leases	(13)	(15)
Principal payments under long-term debt	—	(392)
Proceeds from stock option exercises	168	416
Net proceeds from issuance of common stock	55,866	—
Net cash provided by financing activities	56,021	9
Change in cash, cash equivalents, and restricted cash	44,578	(45,357)
Cash, cash equivalents, and restricted cash at beginning of period	21,954	83,739
Cash, cash equivalents, and restricted cash at end of period	$ 66,532	$ 38,382
Supplemental schedule of non-cash investing and financing activities		
Non-cash additions to property and equipment	$ 167	$ 255
Amounts issued to escrow for acquisition consideration	$ 3,263	$ —
Accrued financing fees	$ 180	$ —
Issuance of common stock for subscription receivable	$ 925	$ —
Foreign currency translation adjustments	$ 24	$ —
Unrealized gain (loss) in investment securities, available-for-sale	$ 95	$ 159

The following table provides a reconciliation of the cash, cash equivalents, and restricted cash balances as of June 30, 2023 and December 31, 2022:

	June 30, 2023	December 31, 2022
Cash and cash equivalents	$62,308	$ 20,536
Restricted cash, current	3,263	—
Restricted cash	961	1,418
Cash, cash equivalents and restricted cash	$66,532	$ 21,954

The accompanying notes are an integral part of these financial statements.

MicroVision, Inc.
Notes to Condensed Consolidated Financial Statements
(Unaudited)

1. MANAGEMENT'S STATEMENT

The Condensed Consolidated Balance Sheets as of June 30, 2023, the Condensed Consolidated Statements of Operations, Condensed Consolidated Statements of Comprehensive Loss and the Condensed Consolidated Statements of Shareholders' Equity for the three and six months ended June 30, 2023 and 2022, and the Condensed Consolidated Statements of Cash Flows for the six months ended June 30, 2023 and 2022, have been prepared by MicroVision, Inc. ("we" or "our") and have not been audited. In the opinion of management, all adjustments necessary to state fairly the financial position at June 30, 2023 and the results of operations and cash flows for all periods presented have been made and consist of normal recurring adjustments. Certain information and footnote disclosures normally included in financial statements prepared in accordance with generally accepted accounting principles have been condensed or omitted pursuant to the rules of the Securities and Exchange Commission (SEC). The year-end condensed balance sheet data was derived from audited financial statements but does not include all disclosures required by accounting principles generally accepted in the United States of America. You should read these Condensed Consolidated financial statements in conjunction with the financial statements and notes thereto included in our Annual Report on Form 10-K for the fiscal year ended December 31, 2022. The results of operations for the three and six months ended June 30, 2023 are not necessarily indicative of the operating results that may be attained for the entire fiscal year.

We are developing lidar sensors and perception software to address the needs of the Level 2+, or L2+, and Level 3 or L3, advanced driver-assistance systems (ADAS) markets to be used in automotive safety and autonomous driving applications. Our micro-electromechanical systems, or MEMS-based high-speed lidar sensors, which we call MAVIN™, use our pioneering laser beam scanning (LBS) technology. Our solution-based development approach recognizes two key realities of the L2+ and L3 markets: that safety is mission critical and that OEMs require cost efficiency and integration adaptability. With these factors in mind, we believe that our best-in-class MAVIN lidar sensors support critical safety needs by providing the highest resolution at range and velocity of moving objects with a dynamic field of view while running at 30 hertz, thus enabling ADAS features, such as automatic emergency braking, forward collision warning, and automatic emergency steering, at higher speeds of operation than most competing products.

We completed the acquisition of Ibeo Automotive Systems GmbH ("Ibeo") assets on January 31, 2023 pursuant to the terms and subject to the conditions of the Asset Purchase Agreement, dated December 1, 2022, and amended as of January 31, 2023, by and between our wholly owned subsidiary, MicroVision GmbH organized under the laws of The Federal Republic of Germany, and Ibeo for a purchase price of EUR 15.0 million, or approximately $16.3 million, subject to potential reduction on the terms set forth in the Asset Purchase Agreement. Pursuant to the Asset Purchase Agreement, the purchase price also included advanced funds to Ibeo so that it could continue its operations while in insolvency during the period between signing and closing. Specifically, we advanced to Ibeo EUR 3.9 million, or approximately $4.1 million in December 2022; EUR 2.7 million, or approximately $3.0 million in January 2023; and EUR 599,000, or approximately $650,000 in February 2023 shortly after the closing. These fund advances included amounts related to headcount reductions carried out by Ibeo management, decreasing the number of employees to transfer in connection with the acquisition to approximately 250 employees. These headcount reduction costs of EUR 2.3 million, or approximately $2.5 million, were reimbursed to MicroVision by way of deduction from the purchase price in accordance with the Asset Purchase Agreement.

We have incurred significant losses since inception. We have funded our operations to date primarily through the sale of common stock, convertible preferred stock, warrants, the issuance of convertible debt and, to a lesser extent, from development contract revenues, product sales and licensing activities.

At June 30, 2023, we had total liquidity of $93.9 million including $62.3 million in cash and cash equivalents and $31.6 million in short-term investment securities. Based on our current operating plan, we anticipate that we have sufficient cash and cash equivalents to fund our operations for at least the next 12 months.

Principles of Consolidation

The condensed consolidated financial statements include the accounts of MicroVision, Inc. and MicroVision GmbH. MicroVision GmbH is a wholly owned subsidiary of MicroVision, Inc. All material intercompany accounts and transactions have been eliminated in consolidation.

Foreign Currency Translation

The functional currency for our German operation is the Euro, which represents the currency of its primary economic environment. The results of operations for the German operation are translated from the local currency into U.S. dollars using the average exchange rates during each period. All assets and liabilities are translated using exchange rates at the end of each period, with foreign currency translation adjustments included as a component of other comprehensive loss. All equity transactions and certain assets are translated using historical rates. The consolidated financial statements are presented in U.S. dollars.

Segment Information

We determine operating segments based on how our chief operating decision maker ("CODM") manages the business, makes operating decisions around the allocation of resources, and evaluates operating performance. Our CODM is our Executive Management team, who reviews our operating results on a consolidated basis. We operate as one segment, which relates to sale and servicing of lidar hardware and software. The profitability of our product group is not a determining factor in allocating resources and the CODM does not evaluate profitability below the level of the consolidated company.

2. NET LOSS PER SHARE

Basic net loss per share is calculated using the weighted-average number of common shares outstanding during the period. Net loss per share, assuming dilution, is calculated using the weighted-average number of common shares outstanding and the dilutive effect of all potentially dilutive securities, including common stock equivalents and convertible securities. Net loss per share, assuming dilution, is equal to basic net loss per share because the effect of dilutive securities outstanding during the period, including options and warrants computed using the treasury stock method, is anti-dilutive.

The components of basic and diluted net loss per share were as follows (in thousands, except loss per share data):

	Three Months Ended June 30,		Six Months Ended June 30,	
	2023	2022	2023	2022
Numerator:				
Net loss available for common shareholders - basic and diluted	$ (20,609)	$ (13,597)	$ (39,636)	$ (26,765)
Denominator:				
Weighted-average common shares outstanding - basic and diluted	177,302	165,238	176,009	164,902
Net loss per share - basic and diluted	$ (0.12)	$ (0.08)	$ (0.23)	$ (0.16)

For the three and six months ended June 30, 2023 and 2022, we excluded the following securities from net loss per share as the effect of including them would have been anti-dilutive: outstanding options exercisable into a total of 752,000 and 1,153,000 shares of common stock, respectively, and 9,626,000 and 9,788,000 nonvested restricted and performance stock units, respectively.

3. BUSINESS COMBINATION

On January 31, 2023, we completed the acquisition of certain net assets of Ibeo, a lidar hardware and software provider based in Hamburg, Germany. The purpose of the acquisition was to acquire certain Ibeo assets, intellectual property, and teams, which will enable us to expand our total addressable market and diversify our revenue profile.

Total consideration related to this transaction, subject to settlement of working capital adjustments, was approximately EUR 19.9 million or $21.6 million, consisting of approximately (i) EUR 7.0 million or $7.6 million in cash paid at closing, (ii) EUR 6.6 million or $7.1 million in cash advanced to Ibeo prior to closing, (iii) EUR 3.0 million or $3.3 million held in escrow for 13 months to be available to cover properly established claims by MicroVision, (iv) EUR 0.6 million or $0.7 million in costs paid on behalf of the seller, and (v) EUR 2.7 million or $2.9 million in cash held back at closing and to be offset by any working capital adjustments, which the parties continue to work through. The remaining balance of EUR 2.7 million will be paid once the seller has accepted and approved all the associated holdback calculations. In addition, we incurred $0.6 million of acquisition-related costs associated with the acquisition during the three months ended March 31, 2023, which were included in Sales, marketing, general and administrative expense.

The transaction has been accounted for as a business combination. The results of operations for the acquisition are included in our consolidated financial statements from the date of acquisition onwards.

The following table summarizes the preliminary purchase price allocation to assets acquired and liabilities assumed (in thousands):

	Amount	Weighted Average Useful Life (in years)
Purchase consideration:		
Cash paid at closing[1]	$ 8,245	
Cash in escrow[2]	3,263	
Holdback amount[3]	2,928	
Advances to Ibeo[4]	7,120	
Total purchase consideration	$ 21,556	
Inventory	$ 1,197	
Other current assets	703	
Operating lease right-of-use asset	234	
Property and equipment, net	5,330	
Intangible assets:		
Acquired technology	17,987	13
Order backlog	26	1
Contract liabilities	(1,178)	
Operating lease liabilities	(234)	
Deferred tax liabilities	(803)	
Total identifiable net assets	$ 23,262	
Bargain purchase gain[1]	(1,706)	

(1) Represents $7.6 million in cash paid at closing and $0.7 million in cash paid shortly after close.
(2) Recorded as restricted cash and accrued liability to Ibeo in our condensed consolidated balance sheet.
(3) Recorded in accrued liability to Ibeo in our condensed consolidated balance sheet.
(4) Represents $4.1 million and $3.0 million in cash advanced to Ibeo in December 2022 and January 2023, respectively.
(5) The bargain purchase gain represents the excess of the fair value of the underlying net assets acquired and liabilities assumed over the purchase consideration and is included in bargain purchase gain in the Condensed Consolidated Statement of Operations. The bargain purchase gain was attributable to the negotiation process with Ibeo during its insolvency proceedings resulting in cash consideration paid being less than the fair value of the net assets.

The estimated fair value of acquired technology was calculated through the income approach using the multi-period excess earnings and relief from royalty methodologies. The estimated fair value of the order backlog was calculated through the income approach using the multi-period excess earnings methodology.

The initial allocation of the purchase price was based on preliminary valuations and assumptions and is subject to change within the measurement period. We expect to finalize the allocation of the purchase price as soon as practicable and no later than one year from the acquisition date.

Revenue and net loss from the acquisition included in our condensed consolidated statement of operations through June 30, 2023 is $1.1 million and $15.1 million, respectively.

Supplemental Unaudited Pro Forma Information

The below unaudited pro forma financial information summarizes the combined results of operations for the Company and Ibeo as if the acquisition had been completed on January 1, 2022. The unaudited pro forma information presented below is for informational purposes only and is not necessarily indicative of our consolidated results of operations of the combined business had the acquisition actually occurred at the beginning of fiscal year 2022 or the results of our future operations of the combined businesses. Nonrecurring pro forma adjustments include:

- Recognition of the bargain purchase gain as if incurred in the first quarter of 2022;
- Acquisition-related costs of $1.1 million are assumed to have been incurred on January 1, 2022.

The following table summarizes the unaudited pro forma results (in thousands):

	Three Months Ended June 30,		Six Months Ended June 30,	
	2023	**2022**	**2023**	**2022**
Total revenue	$ 329	2,796	1,660	5,517
Net loss	(20,609)	(28,661)	(42,235)	(57,088)

4. REVENUE RECOGNITION

The following is a description of principal activities from which we generate revenue. Revenues are recognized when control of the promised goods or services are transferred to our customers, in an amount that reflects the consideration that we expect to receive in exchange for those goods or services. We generate all of our revenue from contracts with customers.

We evaluate contracts based on the 5-step model as stated in Topic 606 as follows: (i) identify the contract, (ii) identify the performance obligations, (iii) determine the transaction price, (iv) allocate the transaction price, and (v) recognize revenue when (or as) performance obligations are satisfied.

A contract contains a promise (or promises) to transfer goods or services to a customer. A performance obligation is a promise (or a group of promises) that is distinct, as defined in the revenue standard.

The transaction price is the amount of consideration an entity expects to be entitled to from a customer in exchange for providing the goods or services. A number of factors should be considered to determine the transaction price, including whether there is variable consideration, a significant financing component, noncash consideration, or amounts payable to the customer. The determination of variable consideration will require a significant amount of judgment. In estimating the transaction price we will use either the expected value method or the most likely amount method.

The transaction price is allocated to the separate performance obligations in the contract based on relative standalone selling prices. Determining the relative standalone selling price can be challenging when goods or services are not sold on a standalone basis. The revenue standard sets out several methods that can be used to estimate a standalone selling price when one is not directly observable. Allocating discounts and variable consideration must also be considered. Allocating the transaction price can require significant judgement on our part.

Revenue is recognized when (or as) the customer obtains control of the good or service/performance obligations are satisfied. Topic 606 provides guidance to help determine if a performance obligation is satisfied at a point in time or over time. Where a performance obligation is satisfied over time, the related revenue is also recognized over time.

Disaggregation of revenue

The following table provides information about disaggregated revenue by timing of revenue recognition, (in thousands):

	Three Months Ended June 30, 2023			
	Product revenue	License and royalty revenue	Contract revenue	Total
Timing of revenue recognition:				
Products transferred at a point in time	$ 261	$ —	$ —	$ 261
Product and services transferred over time	—	—	68	68
Total	$ 261	$ —	$ 68	$ 329

	Six Months Ended June 30, 2023			
	Product revenue	License and royalty revenue	Contract revenue	Total
Timing of revenue recognition:				
Products transferred at a point in time	$ 851	$ —	$ —	$ 851
Product and services transferred over time	—	—	260	260
Total	$ 851	$ —	$ 260	$ 1,111

	Three Months Ended June 30, 2022			
	Product revenue	License and royalty revenue	Contract revenue	Total
Timing of revenue recognition:				
Products transferred at a point in time	$ —	$ 314	$ —	$ 314
Product and services transferred over time	—	—	—	—
Total	$ —	$ 314	$ —	$ 314

	Six Months Ended June 30, 2022			
	Product revenue	License and royalty revenue	Contract revenue	Total
Timing of revenue recognition:				
Products transferred at a point in time	$ —	$ 664	$ —	$ 664
Product and services transferred over time	—	—	—	—
Total	$ —	$ 664	$ —	$ 664

Contract balances

Under Topic 606, our rights to consideration are presented separately depending on whether those rights are conditional or unconditional. We present our unconditional rights to consideration as “accounts receivable” in our Balance Sheet.

Significant changes in the contract assets and the contract liabilities balances during the period are as follows (in thousands, except percentages):

	June 30, 2023	December 31, 2022	$Change	% Change
Contract assets	$ —	$ —	$ —	—
Contract liabilities	5,729	4,601	1,128	24.5
Net contract assets (liabilities)	$ 5,729	$ 4,601	$ 1,128	24.5

In April 2017, we signed a contract with Microsoft Corporation to develop an LBS display system. Under the agreement, we received an upfront payment of $10.0 million. As of December 31, 2022, we had applied $5.4 million against the contract liability. During the three and six months ended June 30, 2023, we applied $0 against the contract liability with this customer.

In connection with our January 2023 acquisition of assets from Ibeo, we assumed contract liabilities totaling approximately $1.2 million. During the three and six months ended June 30, 2023, we recognized revenue totaling $27,000 and $137,000 respectively, against the contract liability with the customer.

Contract acquisition costs

We are required to capitalize certain contract acquisition costs consisting primarily of commissions paid when contracts are signed. We currently do not pay any commissions upon the signing of a contract; therefore, no commission cost has been incurred as of June 30, 2023 and 2022.

Transaction price allocated to the remaining performance obligations

The $10.0 million upfront payment received from our customer as noted above was being recognized as revenue as component sales were transferred to the customer. Under the new arrangement reached in March 2020, the royalties we expect to earn will be applied against the remaining prepayment. Because we do not have information on projected future shipments by our customer, we are not able to estimate the timing of revenue recognition related to the remaining performance obligations; however, the underlying agreement is scheduled to expire on December 31, 2023. The $4.6 million contract liability at June 30, 2023 is classified as a current liability on our balance sheet. It is unclear at this time whether recognition of revenue may extend beyond the next twelve months.

The remaining balance of the contract liabilities assumed in our acquisition of assets from Ibeo was approximately $1.0 million as of June 30, 2023.

The following table provides information about the estimated timing of revenue recognition (in thousands):

	Remainder of 2023	2024
Revenue	$ 1,128	$—

5. INVESTMENT SECURITIES, AVAILABLE-FOR-SALE AND FAIR VALUE MEASUREMENTS

Our investment securities, available-for-sale are comprised of corporate and government debt securities. The principal markets for the debt securities are dealer markets which have a high level of price transparency. The market participants for debt securities are typically large money center banks and regional banks, brokers, dealers, pension funds, and other entities with debt investment portfolios.

Fair value is defined as the exchange price that would be received for an asset or paid to transfer a liability in an orderly transaction between market participants. As such, fair value is a market-based measurement that should be determined based on assumptions that market participants would use in pricing an asset or liability. As a basis for considering such assumptions, the authoritative guidance establishes a three level fair value inputs hierarchy and requires an entity to maximize the use of observable valuation inputs and minimize the use of unobservable inputs. We use market data, assumptions and risks we believe market participants would use in measuring the fair value of the asset or liability, including the risks inherent in the inputs and the valuation techniques. The hierarchy is summarized below.

Level 1 - Quoted prices in active markets for identical assets and liabilities at the measurement date that the reporting entity has the ability to access.

Level 2 - Observable inputs other than quoted prices included in Level 1, such as quoted prices for similar assets and liabilities in active markets; quoted prices for identical or similar assets and liabilities in markets that are not active; or other inputs that are observable or can be corroborated by observable market data.

Level 3 - Unobservable inputs for which there is little or no market data, which requires us to develop our own assumptions, which are significant to the measurement of the fair values.

The valuation inputs hierarchy classification for assets measured at fair value on a recurring basis are summarized below as of June 30, 2023 and December 31, 2022 (in thousands). These tables do not include cash held in our money market savings accounts.

As of June 30, 2023	**Level 1**	**Level 2**	**Level 3**	**Total**
Assets				
Corporate debt securities	$ —	$ 8,629	$ —	$ 8,629
U.S. Treasury securities	—	22,936	—	22,936
	$ —	$ 31,565	$ —	$ 31,565

As of December 31, 2022	**Level 1**	**Level 2**	**Level 3**	**Total**
Assets				
Corporate debt securities	$ —	$ 15,500	$ —	$ 15,500
U.S. Treasury securities	—	46,673	—	46,673
	$ —	$ 62,173	$ —	$ 62,173

Our short-term investments are summarized below as of June 30, 2023 and December 31, 2022 (in thousands).

	Cost/ Amortized Cost	**Gross Unrealized Gains**	**Gross Unrealized Losses**	**Investment Securities, Available-For-Sale**
As of June 30, 2023				
Assets				
Corporate debt securities	$ 8,645	$ —	$ (16)	$ 8,629
U.S. Treasury securities	22,952	1	(17)	22,936
	$ 31,597	$ 1	$ (33)	$ 31,565

	Cost/ Amortized Cost	**Gross Unrealized Gains**	**Gross Unrealized Losses**	**Investment Securities, Available-For-Sale**
As of December 31, 2022				
Assets				
Corporate debt securities	$ 15,538	$ —	$ (38)	$ 15,500
U.S. Treasury securities	46,762	2	(91)	46,673
	$ 62,300	$ 2	$ (129)	$ 62,173

The maturities of the investment securities available-for-sale as of June 30, 2023 and December 31, 2022 are shown below (in thousands):

	Amortized Cost	**Gross Unrealized Gains**	**Gross Unrealized Losses**	**Estimated Fair Value**
As of June 30, 2023				
Maturity date				
Less than one year	$ 31,597	$ 1	$ (33)	$ 31,565
	$ 31,597			$ 31,565

	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Estimated Fair Value
As of December 31, 2022				
Maturity date				
Less than one year	$ 62,300	$ 2	$ (129)	$ 62,173
	$ 62,300			$ 62,173

The following table summarizes investments that have been in a continuous unrealized loss position for less than 12 months and those that have been in a continuous unrealized loss position for more than 12 months as of June 30, 2023 and December 31, 2022 (in thousands):

	Less than Twelve Months		Twelve Months or Greater		Total	
	Fair Value	Gross Unrealized Losses	Fair Value	Gross Unrealized Losses	Fair Value	Gross Unrealized Losses
As of June 30, 2023						
Corporate debt securities	$ 6,440	$ (16)	$ —	$ —	$ 6,440	$ (16)
U.S. Treasury securities	17,258	(17)	—	—	17,258	(17)
	$23,698	$ (33)	$ —	$ —	$23,698	$ (33)

	Less than Twelve Months		Twelve Months or Greater		Total	
	Fair Value	Gross Unrealized Losses	Fair Value	Gross Unrealized Losses	Fair Value	Gross Unrealized Losses
As of December 31, 2022						
Corporate debt securities	$12,295	$ (38)	$ —	$ —	$12,295	$ (38)
U.S. Treasury securities	34,530	(91)	—	—	34,530	(91)
	$46,825	$ (129)	$ —	$ —	$46,825	$ (129)

6. CONCENTRATION OF CREDIT RISK AND MAJOR CUSTOMERS AND SUPPLIERS

Concentration of credit risk

Financial instruments that potentially subject us to a concentration of credit risk are primarily cash equivalents and investment securities. As of June 30, 2023, our cash and cash equivalents are comprised of operating checking accounts and short-term highly rated money market savings accounts. Our short-term investments are comprised of highly rated corporate bonds and U.S. Treasury securities.

Concentration of major customers and suppliers

For the three months ended June 30, 2023, two commercial customers accounted for $65,000 each in revenue, representing 40% of our total revenue, a third commercial customer accounted for $54,000 in revenue, representing 17% of our total revenue, and a fourth commercial customer accounted for $52,000 in revenue, representing 16% of our total revenue. For the six months ended June 30, 2023, one commercial customer accounted for $364,000 in revenue, representing 33% of our total revenue, a second commercial customer accounted for $246,000 in revenue, representing 22% of our total revenue, and a third commercial customer accounted for $128,000 in revenue, representing 11% of our total revenue. For the three and six months ended June 30, 2022, one customer accounted for $314,000 and $664,000 in revenue, respectively, representing 100% of our total revenue for each period.

Typically, a significant concentration of our components and the products we have sold are manufactured and obtained from single or limited-source suppliers. The loss of any single or limited-source supplier, the failure of any of these suppliers to perform as expected, or the disruption in the supply chain of components from these suppliers could subject us to risks and uncertainties including, but not limited to, increased cost of sales, possible loss of revenues, or significant delays in product development or product deliveries, any of which could adversely affect our financial condition and operating results.

7. FINANCIAL STATEMENT COMPONENTS

The following financial statement components changed significantly as a result of our January 2023 acquisition of assets from Ibeo.

Inventory

Inventory consists of the following:

(in thousands)	June 30, 2023	December 31, 2022
Raw materials	$ 1,499	$ 1,556
Work in process	305	—
Finished goods	1,129	305
	$ 2,933	$ 1,861

Inventory is computed using the first-in, first-out (FIFO) method and is stated at the lower of cost and net realizable value. Management periodically assesses the need to account for obsolescence of inventory and adjusts the carrying value of inventory to its net realizable value when required.

Property and equipment

Property and equipment consists of the following:

(in thousands)	June 30, 2023	December 31, 2022
Production equipment	$ 6,140	$ 6,140
Leasehold improvements	3,843	3,789
Computer hardware and software/lab equipment	11,916	10,515
Office furniture and equipment	5,196	1,804
	27,095	22,248
Less: Accumulated depreciation	(17,146)	(15,418)
	$ 9,949	$ 6,830

Depreciation expense was $479,000 and $151,000 for the three months ended June 30, 2023 and 2022, respectively. Depreciation expense was $1.7 million and $380,000 for the six months ended June 30, 2023 and 2022, respectively.

Intangible assets

The components of intangible assets were as follows:

As of June 30, 2023 *(in thousands)*	Gross Carrying Amount	Accumulated Amortization	Net Carrying Amount	Weighted Average Remaining Period (Years)
Acquired technology	$19,997	$ 1,676	$18,321	13
Backlog	26	—	26	1
	$20,023	$ 1,676	18,347	

As of December 31, 2022 (in thousands)	Gross Carrying Amount	Accumulated Amortization	Net Carrying Amount	Weighted Average Remaining Period (Years)
Acquired technology	$ 951	$ 876	$ 75	4
	$ 951	$ 876	$ 75	

Amortization expense was $564,000 and $10,000 for the three months ended June 30, 2023 and 2022, respectively. Amortization expense was $906,000 and $20,000 for the six months ended June 30, 2023 and 2022, respectively.

The following table outlines our estimated future amortization expense related to intangible assets held at June 30, 2023 by line item on the statement of operations (in thousands):

Years Ended December 31,	Cost of Revenue	Research and Development Expense	Total
2023	$ 1,694	$ 16	$ 1,710
2024	1,548	22	1,570
2025	1,548	14	1,562
2026	1,548	7	1,555
Thereafter	11,924	—	11,924
	$18,262	$ 59	$18,321

8. SHARE-BASED COMPENSATION

We issue share-based compensation to employees in the form of stock options, restricted stock units (RSUs), and performance stock units (PSUs). We account for the share-based awards by recognizing the fair value of share-based compensation expense on a straight-line basis over the service period of the award, net of estimated forfeitures. The fair value of stock options is estimated on the grant date using the Black-Scholes option pricing model. The fair value of RSUs and non-executive PSUs is determined by the closing price of our common stock on the grant date or the period end date for the awards that are being measured by the service inception date. Changes in estimated inputs or using other option valuation methods may result in materially different option values and share-based compensation expense.

The following table summarizes the amount of share-based compensation expense by line item on the statements of operations:

Share-based compensation expense	Three Months Ended June 30,		Six Months Ended June 30,	
(in thousands)	2023	2022	2023	2022
Research and development expense	$ 1,486	$ 2,018	$ 2,244	$ 3,851
Sales, marketing, general and administrative expense	2,380	2,102	4,571	4,003
	$ 3,866	$ 4,120	$ 6,815	$ 7,854

Options activity and positions

The following table summarizes shares, weighted-average exercise price, weighted-average remaining contractual term and aggregate intrinsic value of options outstanding and options exercisable as of June 30, 2023:

Options	Shares	Weighted-Average Exercise Price	Weighted-Average Remaining Contractual Term (years)	Aggregate Intrinsic Value
Outstanding as of June 30, 2023	752,000	$ 1.35	5.1	$2,504,000
Exercisable as of June 30, 2023	752,000	$ 1.35	5.1	$2,504,000

As of June 30, 2023, there is no unrecognized share-based employee compensation related to stock options.

Restricted stock activity and positions

The following table summarizes activity and positions with respect to RSUs and PSUs for the six months ended June 30, 2023:

	Shares	Weighted-average price
Unvested as of December 31, 2022	8,866,000	$ 3.85
Granted	2,000,000	$ 4.08
Vested	(939,000)	$ 9.18
Forfeited	(301,000)	$ 9.69
Unvested as of June 30, 2023	9,626,000	$ 3.20

During the six months ended June 30, 2023, we issued1.4 million PSUs to non-executive employees subject to the achievement of development goals. These shares are liabilities subject to mark-to-market accounting as the number of shares was not fixed when issued. One-third of these shares will vest in connection with 2023 achievement of the milestones and the remaining two-thirds will vest over two years from June 30, 2023.

During the six months ended June 30, 2023, we issued106,000 shares for the partial achievement of internal performance milestones during the fourth quarter of 2022. These shares were valued based on the closing price of our common stock on the dates of grant and vest quarterly over two years. We had canceled 426,000 PSUs in the fourth quarter of 2022 related to the same internal performance milestones.

During the six months ended June 30, 2023, we issued256,000 time-based RSUs to non-executive employees for promotion, retention, and new hire grants. These shares were valued based on the closing price of our common stock on the dates of grant. These shares vest over three or four years from the date of grant.

During the six months ended June 30, 2023, we issued275,000 time-based RSUs to independent directors forannual equity compensation. These shares were valued based on the closing price of our common stock on the dates of grant. These shares vest quarterly, with the final installment vesting the earlier of the one year anniversary of the grant date or the day before the next annual meeting.

As of June 30, 2023, our unrecognized share-based compensation related to RSUs was $8.3 million, which we plan to expense over the next 1.5 years. Our unrecognized share-based compensation related to the executive PSUs was $6.6 million, which we plan to expense over the next2.2 years and our unrecognized share-based compensation related to the non-executive PSUs was $6.1 million, which we plan to expense over the next1.2 years.

In June 2022, we issued 6.0 million PSUs to our executive officers. The PSUs are subject to the achievement of performance goals and time-based vesting. The PSUs will become eligible to vest if the closing price of our common stock reaches or exceeds specified price thresholds for at least 20 consecutive trading days during the performance period through December 31, 2025. If the performance goals are met, the portion of the PSUs deemed earned will become subject to time-based vesting in equal quarterly installments over two years starting from the date on which the goal is achieved. These PSUs were valued using a Monte Carlo simulation model using the following inputs: stock price, volatility, and risk-free interest rates.

9. LEASES

We lease our office space and certain equipment under finance and operating leases. Our leases have remaining lease terms of one to ten years. Our office lease agreement includes both lease and non-lease components, which are accounted for separately.

Our finance leases contain options to purchase the leased property. The depreciable life of assets and leasehold improvements are limited by the expected lease term, unless we are reasonably certain to exercise the purchase option.

In September 2021, we entered into an office lease with Redmond East Office Park LLC, a Washington limited liability company, pursuant to which we will lease approximately 16,681 square feet of space located in Redmond, Washington that we will use primarily for general office space. The lease provides for an initial term of 128 months that commenced November 1, 2021. Pursuant to the lease, annual base rent was approximately $500,000 for the first year and is subject to annual increases of 3.0%. In addition to base rent, we pay additional rent comprised of our proportionate share of any operating expenses, real estate taxes, and management fees. We have the option to extend the term for one ten-year renewal period, provided that the rent would be subject to market adjustment at the beginning of the renewal term. The total minimum lease payments related to this lease is $6.4 million.

In September 2021, we entered into a second office lease with Redmond East Office Park LLC, pursuant to which we will lease approximately 36,062 square feet of space located in Redmond, Washington that we will use primarily for product testing and lab space. The lease provides for an initial term of 120 months that commenced on December 1, 2022. Pursuant to the lease, annual base rent will be approximately $1.1 million for the first year and is subject to annual increases of 3.0%. In addition to base rent, we will pay additional rent comprised of our proportionate share of any operating expenses, real estate taxes, and management fees. We have the option to extend the term for one ten-year renewal period, provided that the rent would be subject to market adjustment at the beginning of the renewal term. The total minimum lease payments related to this lease are $13.0 million. During the quarter ended June 30, 2023, we received a payment of $3.0 million as an incentive to terminate our previous building lease. The gain is recorded as other income in our statement of operations.

In April 2022, we entered into an office lease with Universal-Investment-Gesellschaft mbH, a German investment company, pursuant to which we lease approximately 3,533 square feet of space located in Nuremberg, Germany that we use primarily for product testing for engineering and development activities. The lease provides for a term of 60 months that commenced May 1, 2022. Pursuant to the lease, annual base rent is approximately $76,000 per year. The total minimum lease payments related to this lease is approximately $380,000.

In September 2022, we entered into a second office lease with Universal-Investment-Gesellschaft mbH, a German investment company, pursuant to which we lease approximately 3,810 square feet of space located in Nuremberg, Germany that we use primarily for general office space for business development activities. The lease provides for a term of 60 months that commenced November 15, 2022. Pursuant to the lease, annual base rent is approximately $92,000 per year. The total minimum lease payments related to this lease is approximately $461,000.

In connection with our January 2023 acquisition of assets from Ibeo, we assumed three leases in Hamburg, Germany. One lease is with IntReal International Real Estate Kapitalverwaltungsgesellschaft and covers approximately 5,511 square feet of space for IT network equipment through December 31, 2026. Pursuant to the lease, annual base rent is approximately $65,000 per year. The total remaining minimum lease payments related to this lease are approximately $259,000. During the quarter ended March 31, 2023, we recorded a right-of-use asset in the amount of $234,000 on our balance sheet. A second lease is with Neuer Holtigbaum and covers approximately 32,529 square feet of office space and long-range laser testing space through August 2023. The total remaining minimum lease payments related to this lease are approximately $190,000. The third lease is with BG BAU Berufsgenossenschaft der Bauwirtschaft and covers approximately 13,127 square feet of garage space to house our test and demonstration vehicles through May 31, 2024. The total remaining minimum lease payments related to this lease are approximately $146,000.

The components of lease expense were as follows:

	Three Months Ended June 30,		Six Months Ended June 30,	
(in thousands)	**2023**	**2022**	**2023**	**2022**
Operating lease expense	$ 592	$ 257	$ 1,282	$ 501
Finance lease expense:				
Amortization of leased assets	6	6	12	14
Interest on lease liabilities	—	—	—	1
Total finance lease expense	6	6	12	15
Total lease expense	$ 598	$ 263	$ 1,294	$ 516

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Supplemental cash flow information related to leases was as follows:

(in thousands)	Six Months Ended June 30, 2023	Six Months Ended June 30, 2022
Cash paid for amounts included in measurement of lease liabilities:		
Operating cash flows from operating leases	$ 1,096	619
Operating cash flows from finance leases	—	1
Financing cash flows from finance leases	13	15

Supplemental balance sheet information related to leases was as follows:

(in thousands)	June 30, 2023	December 31, 2022
Operating leases		
Operating lease right-of-use assets	$ 14,422	$ 14,579
Current portion of operating lease liability	2,285	1,846
Operating lease liability, net of current portion	13,371	13,829
Total operating lease liabilities	$ 15,656	$ 15,675
Finance leases		
Property and equipment, at cost	$ 112	$ 112
Accumulated depreciation	(89)	(80)
Property and equipment, net	$ 23	$ 32
Current portion of finance lease obligations	$ 8	$ 21
Finance lease obligations, net of current portion	—	—
Total finance lease liabilities	$ 8	$ 21
Weighted Average Remaining Lease Term		
Operating leases	9.0 years	9.6 years
Finance leases	0.3 years	0.8 years
Weighted Average Discount Rate		
Operating leases	4.6%	4.6%
Finance leases	5.6%	6.3%

As of June 30, 2023, maturities of lease liabilities were as follows:

(in thousands) **Years Ended December 31,**	Operating leases	Finance leases
2023	$ 1,282	$ 8
2024	2,055	—
2025	2,001	—
2026	2,027	—
Thereafter	11,634	—
Total minimum lease payments	18,999	8
Less: amount representing interest	(3,343)	—
Present value of capital lease liabilities	$ 15,656	$ 8

10. COMMITMENTS AND CONTINGENCIES

Litigation

We are subject to various claims and pending or threatened lawsuits in the normal course of business. We are not currently party to any legal proceedings that management believes are reasonably possible to have a material adverse effect on our financial position, results of operations or cash flows.

11. COMMON STOCK

In June 2021, we entered into a $140.0 million ATM equity offering agreement with Craig-Hallum. Under the agreement we are able, at our discretion, to offer and sell shares of our common stock having an aggregate value of up to $140.0 million through Craig-Hallum. As of December 31, 2022, we had issued 8.3 million shares of our common stock for net proceeds of $81.8 million under this ATM agreement. During the quarter ended March 31, 2023, we issued 5.0 million shares of our common stock for net proceeds of $12.5 million under the agreement. The sales agreement was terminated in June 2023.

In June 2023, we entered into a $45.0 million ATM equity offering agreement with Craig-Hallum. Under the agreement, we are able, at our discretion, to offer and sell shares of our common stock having an aggregate value of up to $45.0 million through Craig-Hallum. As of June 30, 2023, we had completed sales under such sales agreement, having sold 10.9 million shares for net proceeds of $43.9 million. As of June 30, 2023, we had issued 257,000 shares for net proceeds of $925,000 that was received in July 2023. The $925,000 is classified as subscriptions receivable on our June 30, 2023 balance sheet and is not included in the cash balance as of June 30, 2023. No further shares are available for sales under this agreement.

12. INCOME TAXES

We recognized income tax expense of $279,000 and $0 during the quarters ended June 30, 2023 and 2022, respectively. The income tax expense for the six months ended June 30, 2023 was largely the result of income in foreign jurisdictions, partially offset by a deferred income tax benefit generated by the reduction to a deferred tax liability created as a result of the acquisition of Ibeo assets in Q1 2023. The change in income tax expense during the quarter ended June 30, 2023 was largely the result of profitability in our foreign jurisdictions related to the Ibeo acquisition.

As of June 30, 2023, we continue to have no unrecognized tax positions.

ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

Forward-looking statements

The information set forth in this report in Item 2, "Management's Discussion and Analysis of Financial Condition and Results of Operations," and Item 3, "Quantitative and Qualitative Disclosures about Market Risk," includes "Forward-Looking Statements" within the meaning of Section 27A of the Securities Act of 1933, as amended (the "Securities Act"), and Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and is subject to the safe harbor created by those sections. Such statements may include, but are not limited to, projections of revenues and expenses, and measures of income or loss, status of product development and performance, market opportunity and future demand, partner and customer engagement, strategic plans, future operations, financing needs or plans of MicroVision, Inc. ("we," "our," or "us"), as well as assumptions relating to the foregoing. The words "anticipate," "could," "believe," "estimate," "expect," "goal," "may," "plan," and similar expressions identify forward-looking statements. Factors that could cause actual results to differ materially from those projected in our forward-looking statements include risk factors identified below in Item 1A.

Overview

MicroVision, Inc. is a global developer of lidar hardware and software solutions focused primarily on automotive lidar and advanced driver-assistance systems (ADAS) markets where we can deliver safe mobility at the speed of life. We develop a suite of light detection and ranging, or lidar, sensors and perception and validation software to the automotive market for ADAS and autonomous vehicle (AV) applications, as well as to complementary markets for non-automotive applications including industrial, robotics and smart infrastructure. Our long history of developing and commercializing the core components of our lidar hardware and related software, combined with the experience of the team recently acquired from Ibeo Automotive Systems (Ibeo) with automotive-grade qualification, provides a potentially compelling advantage over the less-experienced recent entrants into this market.

Founded in 1993, MicroVision, Inc. is a pioneer in laser beam scanning, or LBS, technology, which is based on our patented expertise in micro-electromechanical systems, or MEMS, laser diodes, opto-mechanics, electronics, algorithms and software and how those elements are packaged into a small form factor. Throughout our history, we have combined our proprietary technology with our development expertise to create innovative solutions to address existing and emerging market needs, such as augmented reality microdisplay engines; interactive display modules; consumer lidar components; and, most recently, automotive lidar sensors and software solutions for the automotive market.

On January 31, 2023, we completed the acquisition of certain assets of Ibeo Automotive Systems GmbH, which was founded in 1998 as a lidar hardware and software provider. Ibeo developed and launched the first lidar sensor to be automotive qualified for serial production with a Tier 1 automotive supplier and that is currently available in passenger cars by premium OEMs. Ibeo developed software solutions, including perception and validation software, which are also used by premium OEMs. In addition, Ibeo sold its products for non-automotive uses such as industrial, smart infrastructure and robotics applications.

For the automotive market, our integrated solution combines our MEMS-based dynamic-range lidar sensor and perception software, to be integrated on our custom ASIC, targeted for sale to premium automotive OEMs and Tier 1 automotive suppliers. We believe that our MEMS-based lidar sensor, or MAVIN sensor, and perception software demonstrates best-in-class features and performance that exceed market expectations and outperform competitive products. Our ADAS solution is intended to leverage edge computing and custom ASICs to enable our hardware and perception software to be integrated into an OEM’s ADAS stack.

In addition to our dynamic-range and long-range MAVIN sensor and perception software solution for the automotive market, our product suite includes our short-range flash-based MOVIA lidar sensor, for automotive and industrial applications, including smart infrastructure, robotics, and other commercial segments. Also, our validation software tool, the MOSAIK suite, is used by OEMs and other customers including Tier 1s for validating vehicle sensors for ADAS and AV applications. The tool includes software that automates the manual data classification or annotation process, significantly reducing the time and resources required by OEMs to validate their ADAS and AV systems.

In the recent past, we developed micro-display concepts and designs for use in head-mounted augmented reality, or AR, headsets and developed a 1440i MEMS module supporting AR headsets. We also developed an interactive display solution targeted at the smart speakers market and a small consumer lidar sensor for use indoors with smart home systems.

Although our development and productization efforts are now solely focused on our lidar sensors and related software solutions, our revenue in the fiscal year ended December 31, 2022 was derived from one customer, Microsoft Corporation, related to components that we developed for a high-definition display system. Our arrangement with this customer generates royalty income; however, the volume of sales and resulting royalties from that arrangement are not significant.

We have been unable to secure the customers needed to successfully launch our products. We have incurred substantial losses since inception, and we expect to incur a significant loss during the fiscal year ending December 31, 2023.

Key accounting policies and estimates

Our discussion and analysis of our financial condition and results of operations are based upon our consolidated financial statements, which have been prepared in accordance with accounting principles generally accepted in the United States. The preparation of these financial statements requires us to make estimates and judgments that materially affect the reported amounts of assets, liabilities, revenues and expenses, and related disclosure of contingent liabilities. We evaluate our estimates on a continuous basis. We base our estimates on historical data, terms of existing contracts, our evaluation of trends in the consumer display and 3D sensing industries, information provided by our current and prospective customers and strategic partners, information available from other outside sources and on various other assumptions we believe to be reasonable under the circumstances. The results form the basis for making judgments regarding the carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates under different assumptions or conditions. Except for changes in accounting for business combinations associated with our acquisition of Ibeo assets, there have been no significant changes to our critical accounting judgments, policies, and estimates as described in our Annual Report on Form 10-K for the year ended December 31, 2022.

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Results of operations

Revenue

(in thousands)	2023	2022	$change	% change
Three Months Ended June 30,	$ 329	$314	$ 15	4.8
Six Months Ended June 30,	1,111	664	447	67.3

Revenues are recognized when control of the promised goods or services are transferred to our customers, in an amount that reflects the consideration that we expect to receive in exchange for those goods or services. We recognize revenue either at a point in time, or over time, depending upon the characteristics of the individual contract. If control of the deliverable(s) occur over time, the revenue is recognized in proportion to the transfer of control. If control passes to the customer only upon completion and transfer of the asset, revenue is recognized at the completion of the contract.

The increase in revenue for the three and six months ended June 30, 2023 compared to the same period in 2022 was due to activity on contracts obtained in the acquisition of Ibeo assets.

Cost of revenue

(in thousands)	2023	% of product revenue	2022	% of product revenue	$change	% change
Three Months Ended June 30,	$ 701	213.1	$ 18	5.7	$ 683	(3,794.4)
Six Months Ended June 30,	1,245	112.1	22	3.3	1,223	(5,559.1)

Cost of revenue includes the direct and allocated indirect costs of products and services sold to customers. Direct costs include labor, materials, reserves for estimated warranty expenses, and other costs incurred directly, or charged to us by our contract manufacturers, in the manufacture of these products. Indirect costs include labor, overhead, and other costs associated with operating our manufacturing capabilities and our research and development department. Overhead includes the costs of procuring, inspecting and storing material, facility and other costs, and is allocated to cost of revenue based on the proportion of indirect labor which supported revenue activities.

Cost of revenue can fluctuate significantly from period to period, depending on the product mix and volume, the level of overhead expense and the volume of direct material purchased. The increase in cost of revenue for the three and six months ended June 30, 2023 compared to the same period in 2022 was due to increased contract activity and the amortization of intangible assets obtained in the acquisition of Ibeo assets.

Research and development expense

(in thousands)	2023	2022	$change	% change
Three Months Ended June 30,	$13,851	$ 7,700	$ 6,151	79.9
Six Months Ended June 30,	26,543	15,293	11,250	73.6

Research and development expense consists of compensation related costs of employees and contractors engaged in internal research and product development activities, direct material to support development programs, laboratory operations, outsourced development and processing work, and other operating expenses. We assign our research and development resources based on the business opportunity of the available projects, the skill mix of the resources available and the contractual commitments we have made to our customers. We believe that a substantial level of continuing research and development expense will be required to further develop our scanning technology.

The increase in research and development expense during the three months ended June 30, 2023 compared to the same period in 2022 was primarily due to higher salary and benefits expenses of approximately $5.6 million mostly related to transferred employees in the acquisition of Ibeo assets. The increase in research and development expense during the six months ended June 30, 2023 compared to the same period in 2022 was primarily due to higher salary and benefits expenses of $10.7 million mostly related to transferred employees in the acquisition of Ibeo assets, higher depreciation of $1.1 million offset by decrease in non-cash compensation expense of approximately $1.6 million.

Sales, marketing, general and administrative expense

(in thousands)	2023	2022	$change	% change
Three Months Ended June 30,	$ 9,692	$ 6,265	$ 3,427	54.7
Six Months Ended June 30,	18,429	12,142	6,287	51.8

Sales, marketing, general and administrative expense includes compensation and support costs for marketing, sales, management and administrative staff, and for other general and administrative costs, including legal and accounting services, consultants and other operating expenses.

The increase in sales, marketing, general and administrative expense during the three months ended June 30, 2023 compared to the same period in 2022 was primarily attributed to higher salary and benefits expenses of approximately of $1.5 million mostly related to transferred employees in the acquisition of Ibeo assets, increased professional fees of approximately $738,000 and increased non-cash compensation expense of approximately $276,000. The increase in sales, marketing, general and administrative expense during the six months ended June 30, 2023 compared to the same period in 2022 was primarily attributed to higher salary and benefits expenses of approximately $2.7 million mostly related to transferred employees in the acquisition of Ibeo assets, increased professional fees of approximately $1.5 million, increased depreciation expense of $600,000 and increased non-cash compensation expense of $567,000.

Bargain purchase gain, net of tax

(in thousands)	2023	2022	$change	% change
Three Months Ended June 30,	$ —	$—	$ —	—
Six Months Ended June 30,	1,706	—	1,706	—

During the six months ended June 30, 2023, we recorded a bargain purchase gain related to the acquisition of assets from Ibeo. The bargain purchase gain represents the excess of the fair value of the underlying net assets acquired and liabilities assumed over the purchase consideration paid in the transaction.

Other income

(in thousands)	2023	2022	$change	% change
Three Months Ended June 30,	$3,570	$ 72	$ 3,498	4,858.3
Six Months Ended June 30,	4,209	28	4,181	14,932.1

The increase in other income during the three and six months ended June 30, 2023 compared to the same period in 2022 is due to a payment of $3.0 million as an incentive to terminate our previous building lease. The remainder of the increase is primarily due to income from investment securities.

Liquidity and capital resources

We have incurred significant losses since inception. We have funded operations to date primarily through the sale of common stock, convertible preferred stock, warrants, the issuance of convertible debt and, to a lesser extent, from development contract revenues, product sales, and licensing activities. At June 30, 2023, we had $62.3 million in cash and cash equivalents and $31.6 million in short-term investment securities.

Based on our current operating plan, we anticipate that we have sufficient cash and cash equivalents to fund our operations for at least the next 12 months.

Operating activities

Cash used in operating activities totaled $30.1 million during the six months ended June 30, 2023 compared to cash used in operating activities of $20.6 million during the same period in 2022. Cash used in operating activities resulted primarily from cash used to fund our net loss, after adjusting for non-cash charges such as share-based compensation, depreciation and amortization charges and changes in operating assets and liabilities. The changes in cash used in operating activities were primarily attributed to increased operating expenses to support the development of our lidar sensor.

Investing activities

During the six months ended June 30, 2023, net cash provided by investing activities was $18.7 million compared to net cash used in investing activities of $24.8 million during the six months ended June 30, 2022. During the six months ended June 30, 2023, we purchased short-term investment securities totaling $17.3 million and sold short-term investment securities totaling $48.7 million. During the three months ended March 31, 2023, we made payments totaling $11.2 million related to the acquisition of Ibeo assets. Purchases of property and equipment during the six months ended June 30, 2023 and 2022 were $1.5 million and $1.1 million, respectively.

Financing activities

Net cash provided by financing activities totaled $56.0 million during the six months ended June 30, 2023, compared to net cash provided by financing activities of $9,000 during the same period of 2022. During the six months ended June 30, 2022, we made principal payments under long-term debt totaling $392,000 related to the loan under the Paycheck Protection Program of the 2020 CARES Act (PPP) administered by the Small Business Administration. Proceeds received from stock option exercises totaled $168,000 during the six months ended June 30, 2023 compared to $416,000 during the same period of 2022. Principal payments under finance leases were $13,000 during the six months ended June 30, 2023 compared to $15,000 during the six months ended June 30, 2022.

In June 2021, we entered into a $140.0 million ATM equity offering agreement with Craig-Hallum. Under the agreement we are able, at our discretion, to offer and sell shares of our common stock having an aggregate value of up to $140.0 million through Craig-Hallum. As of December 31, 2022, we had issued 8.3 million shares of our common stock for net proceeds of $81.8 million under this ATM agreement. During the quarter ended March 31, 2023, we issued 5.0 million shares of our common stock for net proceeds of $12.5 million under the agreement. This sales agreement was terminated in June 2023.

In June 2023, we entered into a $45.0 million ATM equity offering agreement with Craig-Hallum. Under the agreement, we are able, at our discretion, to offer and sell shares of our common stock having an aggregate value of up to $45.0 million through Craig-Hallum. As of June 30, 2023, we had completed sales under such sales agreement, having sold 10.9 million shares for net proceeds of $43.9 million. Due to the time required to settle stock sales, all remaining shares under this ATM were sold in the first few days of July 2023, thus the sales agreement terminated pursuant to its terms.

ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

Interest rate and market liquidity risk

As of June 30, 2023, all of our cash and cash equivalents have variable interest rates; however, we believe our exposure to market and interest rate risk is not material. Due to the generally short-term maturities of our investment securities, we believe that the market risk arising from our holdings of these financial instruments is not significant. We do not believe that inflation has had a material effect on our business, financial condition or results of operations; however, we do anticipate our labor costs to increase as a result of inflationary pressures.

Our investment policy generally directs that the investment managers should select investments to achieve the following goals: principal preservation, adequate liquidity and return. As of June 30, 2023, our cash and cash equivalents are comprised of short-term highly rated (A rated securities and above) money market savings accounts and our short-term investments are comprised of highly rated corporate and government debt securities (A rated securities and above). The values of cash and cash equivalents and investment securities, available-for-sale as of June 30, 2023, are as follows:

(in thousands)	**Amount**	**Percent**
Cash and cash equivalents	$62,308	66.4%
Less than one year	31,565	33.6%
	$93,873	100.0%

Foreign exchange rate risk

Our major contract and collaborative research and development agreements, product sales, and licensing activity payments are currently made in U.S. dollars or Euros. Changes in the relative value of the U.S. dollar to the Euro and other currencies may affect revenue and other operating results as expressed in U.S. dollars. In addition, our international subsidiary financial statements are denominated in Euros. As such, the consolidated financial statements will continue to remain subject to the impact of foreign currency translation as our international operations continue to expand. We may enter into foreign currency hedges to offset material exposure to currency fluctuations when we can adequately determine the timing and amounts of the exposure.

ITEM 4. CONTROLS AND PROCEDURES

Under the supervision and with the participation of our management, including our Principal Executive Officer and Principal Financial Officer, we have evaluated the effectiveness of our disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) of the Securities Exchange Act of 1934) as of the end of the period covered by this report and, based on this evaluation, our Principal Executive Officer and Principal Financial Officer have concluded that these disclosure controls and procedures are effective. There were no changes in our internal control over financial reporting (as defined in Rules 13a-15(f) and 15d-15(f) of the Securities Exchange Act of 1934) that occurred during the quarter ended June 30, 2023 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

PART II.

ITEM 1. LEGAL PROCEEDINGS

We are subject to various claims and pending or threatened lawsuits in the normal course of business. We are not currently party to any other legal proceedings that management believes are reasonably possible to have a material adverse effect on our financial position, results of operations or cash flows.

ITEM 1A. RISK FACTORS

You should carefully consider the risks described below together with the other information set forth in this report, which could materially affect our business, financial condition and future results. The risks described below are not the only risks facing our company. Risks and uncertainties not currently known to us or that we currently deem to be immaterial also may materially adversely affect our business, financial condition and operating results.

Risk Factors Related to Our Business

We have a history of operating losses and expect to incur significant losses in the future.

We have had substantial losses since our inception. We cannot assure you that we will ever become or remain profitable.

- As of June 30, 2023, we had an accumulated deficit of $722.2 million.
- We incurred net losses of $682.5 million from inception through 2022, and a net loss of $39.6 million during the six months ended June 30, 2023.

The likelihood of our success must be considered in light of the expenses, difficulties and delays frequently encountered by companies formed to develop and commercialize new technologies. In particular, our operations to date have focused primarily on research and development of our LBS technology system, including products built around that technology such as our automotive lidar sensor, and development of demonstration units. We are unable to accurately estimate future revenues and operating expenses based upon historical performance.

We cannot be certain that we will succeed in obtaining additional development revenue or commercializing our technology or products. In light of these factors, we expect to continue to incur significant losses and negative cash flow at least through 2023 and likely thereafter. There is significant risk that we will not achieve positive cash flow at any time in the future.

We may require additional capital to fund our operations and to implement our business plan. Raising additional capital may dilute the value of current shareholders' investment in us.

Based on our current operating plan, we anticipate that we have sufficient cash and cash equivalents to fund our operations for at least the next 12 months. We may, however, require additional capital to fund our operating plan past that time. We may seek to obtain additional capital through the issuance of equity or debt securities, product sales and/or licensing activities. There can be no assurance that any such efforts to obtain additional capital would be successful.

We are currently focused on developing and commercializing our automotive lidar solution. This involves introducing new technology into an emerging market which creates significant uncertainty about our ability to accurately project revenue, costs and cash flows. Our capital requirements will depend on many factors, including, but not limited to, the commercial success of our technology, the rate at which OEMs introduce systems incorporating our products and technology and the market acceptance and competitive position of such systems. Our expenses are expected to increase significantly as a result of the Ibeo acquisition and related headcount increase. If revenues are less than we anticipate, if the mix of revenues and the associated margins vary from anticipated amounts or if expenses exceed the amounts budgeted, we may require additional capital earlier than expected to fund our operations. In addition, our operating plan provides for the development of strategic relationships with suppliers of components, products and systems, and equipment manufacturers that may require additional investments by us.

Additional capital may not be available to us or, if available, may not be available on terms acceptable to us or on a timely basis. Raising additional capital may involve issuing securities with rights and preferences that are senior to our common stock and may dilute the value of our current shareholders' investment in us. If adequate capital resources are not available on a timely basis, we may consider limiting our operations substantially and we may be unable to continue as a going concern. This limitation of operations could include reducing investments in our research and development projects, staff, operating costs, and capital expenditures which could jeopardize our ability to achieve our business goals or satisfy our customer requirements.

Risks Related to our Financial Statements and Results

Our revenue is generated from a small number of customers, and losing a significant customer could have a negative impact on our revenue.

For the six months ended June 30, 2023, one commercial customer accounted for $364,000 in revenue, representing 33% of our total revenue, a second commercial customer accounted for $246,000 in revenue, representing 22% of our total revenue, and a third commercial customer accounted for $128,000 in revenue, representing 11% of our total revenue. For the three and six months ended June 30, 2022, one customer accounted for $314,000 and $664,000 in revenue, respectively, representing 100% of our total revenue for each period.

We have, in the past, identified a material weakness in our internal controls.

In the second quarter of 2021, we identified a material weakness in the controls that support our determination of the grant date of equity awards. If we identify further material weaknesses in our internal controls, our failure to establish and maintain effective disclosure controls and procedures and internal control over financial reporting could result in material misstatements in our financial statements and a failure to meet our reporting obligations. Any such failure could cause investors to lose confidence in the accuracy of our financial reports, harm our reputation and adversely affect the market price of our common stock.

Our stock price has fluctuated in the past, has recently been volatile and may be volatile in the future, and as a result, investors in our common stock could incur substantial losses.

Our stock price has fluctuated significantly in the past, has recently been volatile, and may be volatile in the future. Over the 52-week period ending August 4, 2023, our common stock has traded at a low of $1.82 and a high of $8.20. We may continue to experience sustained depression or substantial volatility in our stock price in the foreseeable future unrelated to our operating performance or prospects. For the fiscal year ended December 31, 2022, we incurred a loss per share of $(0.32).

As a result of this volatility, investors may experience losses on their investment in our common stock. The market price for our common stock may be influenced by many factors, including the following:

- investor reaction to our business strategy;
- the success of competitive products or technologies;
- strategic developments;
- the timing and results of our development and commercialization efforts with respect to our lidar sensors and ADAS solutions;
- changes in regulatory or industry standards applicable to our technologies;
- variations in our or our competitors' financial and operating results;
- developments concerning our collaborations or partners;
- developments or disputes with any third parties that supply, manufacture, sell or market any of our products;
- developments or disputes concerning patents or other proprietary rights, including patents, litigation matters and our ability to obtain patent protection for our technology;

- actual or perceived defects in any of our products, if commercialized, and any related product liability claims;
- our ability or inability to raise additional capital and the terms on which we raise it;
- declines in the market prices of stocks generally;
- trading volume of our common stock;
- sales of our common stock by us or our stockholders;
- general economic, industry and market conditions; and
- other events or factors, including war, terrorism and other international conflicts, public health issues including health epidemics or pandemics, such as the COVID-19 outbreak, and natural disasters such as fire, hurricanes, earthquakes, tornados or other adverse weather and climate conditions, whether occurring in the United States or elsewhere.

Since the price of our common stock has fluctuated in the past, has been recently volatile and may be volatile in the future, investors in our common stock could incur substantial losses. In the past, following periods of volatility in the market, securities class-action litigation has often been instituted against companies. Such litigation, if instituted against us, could result in substantial costs and diversion of management's attention and resources, which could materially and adversely affect our business, financial condition, results of operations and growth prospects. There can be no guarantee that our stock price will remain at current levels or that future sales of our common stock will not be at prices lower than those sold to investors.

Additionally, securities of certain companies have in the past few years experienced significant and extreme volatility in stock price due to short sellers of shares of common stock, known as a "short squeeze." These short squeezes have caused extreme volatility in both the stock prices of those companies and in the market, and have led to the price per share of those companies to trade at a significantly inflated rate that is disconnected from the underlying value of the company. Many investors who have purchased shares in those companies at an inflated rate face the risk of losing a significant portion of their original investment, as in many cases the price per share has declined steadily as interest in those stocks have abated. There can be no assurance that our shares will not be subject to a short squeeze in the future, and investors may lose a significant portion or all of their investment if they purchase our shares at a rate that is significantly disconnected from our underlying value.

If we are unable to maintain our listing on The Nasdaq Global Market, it could become more difficult to sell our stock in the public market.

Our common stock is listed on The Nasdaq Global Market. To maintain our listing on this market, we must meet Nasdaq's listing maintenance standards. If we are unable to continue to meet Nasdaq's listing maintenance standards for any reason, our common stock could be delisted from The Nasdaq Global Market. If our common stock were delisted, we may seek to list our common stock on The Nasdaq Capital Market, the NYSE American or on a regional stock exchange or, if one or more broker-dealer market makers comply with applicable requirements, the over-the-counter (OTC) market. Listing on such other market or exchange could reduce the liquidity of our common stock. If our common stock were to trade in the OTC market, an investor would find it more difficult to dispose of, or to obtain accurate quotations for the price of, the common stock.

A delisting from The Nasdaq Global Market and failure to obtain listing on another market or exchange would subject our common stock to so-called penny stock rules that impose additional sales practice and market-making requirements on broker-dealers who sell or make a market in such securities. Consequently, removal from The Nasdaq Global Market and failure to obtain listing on another market or exchange could affect the ability or willingness of broker-dealers to sell or make a market in our common stock and the ability of purchasers of our common stock to sell their securities in the secondary market.

On August 4, 2023, the closing price of our common stock was $3.48 per share.

Our lack of financial resources relative to our competitors may limit our revenues, potential profits, overall market share or value.

Our products and solutions compete with other pureplay lidar developers, many of which have recently gone publicthrough de-SPAC transactions and therefore have substantially greater financial resources than we have. Because of their greater resources, our competitors may develop or commercialize products more quickly than us and have access to more entrenched sales channels. This imbalance in financial resources and access could result for us in reduced revenues, lower margins or loss of market share, any of which could reduce the value of our business. Additionally, for a variety of reasons, customers may choose to purchase from suppliers that have substantially greater financial or other resources than we have.

Risks Related to Our Operations

Difficulty in qualifying a contract manufacturer, Tier 1 partner, or foundry for our products, or experiencing changes in our supply chain, could cause delays that may result in lost future revenues and damaged customer relationships.

Historically, we have relied on single or limited-source suppliers to manufacture our products. Establishing a relationship with a contract manufacturer, automotive Tier 1 partner, or foundry is a time-consuming process, as our unique technology may require significant manufacturing process adaptation to achieve full manufacturing capacity. To the extent that we are not able to establish a relationship with a contract manufacturer, Tier 1 partner, or foundry in a timely manner or at prices or on other terms that are acceptable to us, we may be unable to meet contract or production milestones. Moreover, changes in our supply chain could result in increased cost and delay and subject us to risks and uncertainties regarding, but not limited to, product warranty, product liability and quality control standards. The loss of any single or limited-source supplier, the failure of any of these suppliers to perform as expected or the disruption in the supply chain of components from these suppliers could cause significant delays in product deliveries, which could result in lost future revenues and damaged customer relationships.

Historically, we have been dependent on third parties to develop, manufacture, sell and market products incorporating our technology.

Our business strategy for commercializing our technology in products has historically included entering into development, manufacturing, licensing, sales and marketing arrangements with OEMs, ODMs and other third parties. These arrangements reduce our level of control over production and distribution and may subject us to risks and uncertainties regarding, but not limited to, product warranty, product liability and quality control standards.

We cannot be certain that we will be able to negotiate arrangements on acceptable terms, if at all, or that these arrangements will be successful in yielding commercially viable products. If we cannot establish these arrangements, we would require additional capital to undertake such activities on our own and would require extensive manufacturing, sales and marketing expertise that we do not currently possess and that may be difficult to obtain.

In addition, we could encounter significant delays in introducing our products and technology or find that the development, manufacture or sale of products incorporating our technology would not be feasible. To the extent that we enter into development, manufacturing, licensing, sales and marketing or other arrangements, our revenues will depend upon the performance of third parties. We cannot be certain that any such arrangements will be successful.

We could face lawsuits related to our use of LBS technology or other technologies, which would be costly, and any adverse outcome could limit our ability to commercialize our technology or products.

We are aware of several patents held by third parties that relate to certain aspects of light scanning displays, 3D sensing products, and other technologies that are core to our sensor hardware. These patents could be used as a basis to challenge the validity, limit the scope or limit our ability to obtain additional or broader patent rights of our patents. A successful challenge to the validity of our patents could limit our ability to commercialize our technology or products incorporating our LBS technology and, consequently, materially reduce our ability to generate revenues. Moreover, we cannot be certain that patent holders or other third parties will not claim infringement by us with respect to current and future technology. Because U.S. patent applications are held and examined in secrecy, it is also possible that presently pending U.S. applications could eventually be issued with claims that could be infringed by our products or our technology.

The defense and prosecution of a patent suit would be costly and time-consuming, even if the outcome were ultimately favorable to us. An adverse outcome in the defense of a patent suit could subject us to significant costs, require others and us to cease selling products incorporating our technology, require us to cease licensing our technology or require disputed rights to be licensed from third parties. Such licenses, if available, would increase our operating expenses. Moreover, if claims of infringement are asserted against our future co-development partners or customers, those partners or customers may seek indemnification from us for any damages or expenses they incur.

If we fail to manage expansion effectively, our revenue and expenses could be adversely affected.

Our ability to successfully offer products incorporating our technology and implement our business plan in a rapidly evolving market requires an effective planning and management process. The growth in business and relationships with customers and other third parties has placed, and will continue to place, a significant strain on our management systems and resources. We will need to continue to improve our financial and managerial controls, reporting systems and procedures, and will need to continue to train and manage our work force.

We target customers that are large companies with substantial negotiating power and potentially competitive internal solutions; if we are unable to sell our products to these customers, our prospects will be adversely affected.

Our potential customers, automotive OEMs in particular, are large, multinational companies with substantial negotiating power relative to us and, in some instances, may have internal solutions that are competitive to our products. These large, multinational companies also have significant resources, which may allow them to acquire or develop competitive technologies either independently or in partnership with others. Accordingly, even after investing significant resources to develop a product, we may not secure a series production award or, even after securing a series production award, may not be able to commercialize a product on profitable terms. If our products are not selected by these large companies or if these companies develop or acquire competitive technology or negotiate terms that are disadvantageous to us, it will have an adverse effect on our business prospects.

Our technology and products may be subject to environmental, health and safety regulations that could increase our development and production costs.

Our technology and products could become subject to environmental, health and safety regulations or amendments that could negatively impact our ability to commercialize our technology and products. Compliance with any such current or new regulations would likely increase the cost to develop and commercialize products, and violations may result in fines, penalties or suspension of production. If we become subject to any environmental, health, or safety laws or regulations that require us to cease or significantly change our operations to comply, our business, financial condition and operating results could be adversely affected.

Our operating results may be adversely impacted by worldwide political and economic uncertainties and specific conditions in the markets we address.

In the recent past and currently, general worldwide economic conditions have experienced a downturn due to slower economic activity, concerns about inflation, increased energy costs, decreased consumer confidence, reduced corporate profits and capital spending, and adverse business conditions. Any continuation or worsening of the current global economic and financial conditions could materially adversely affect: (i) our ability to raise, or the cost of, needed capital, (ii) demand for our current and future products, and (iii) our ability to commercialize products. Additionally, the outbreaks of wars or infectious diseases, as recently experienced, may cause an unexpected downturn in economic conditions. We cannot predict the timing, strength, or duration of any economic slowdown or subsequent economic recovery, worldwide, regionally or in the automotive or technology industries.

Because we have recently expanded and may continue expanding our international operations and using foreign suppliers, our operating results could be harmed by economic, political, regulatory and other factors in foreign countries.

During 2021, we established an office in Germany and on January 31, 2023 we completed our acquisition of Ibeo assets, with the result that we now have more employees and operations in Germany than in the U.S. In addition, we currently use foreign suppliers and plan to continue to do so to manufacture current and future components and products, where appropriate. These international operations are subject to inherent risks, which may adversely affect us, including, but not limited to:

- Political and economic instability, international terrorism and the outbreak of war, such as the Russian invasion and continuing war against Ukraine;
- High levels of inflation, as has historically been the case in a number of countries in Asia;
- Burdens and costs of compliance with a variety of foreign laws, regulations and sanctions;
- Foreign taxes and duties;
- Changes in tariff rates or other trade, tax or monetary policies;
- Changes or volatility in currency exchange rates and interest rates;
- Global or regional health crises, such as COVID-19 or other epidemics and
- Disruptions in global supply chains.

We have recently and may in the future make acquisitions. If we fail to successfully select, execute or integrate our acquisitions, then our business, results of operations and financial condition could be materially adversely affected.

On December 1, 2022, we entered into an Asset Purchase Agreement to acquire certain assets from Ibeo Automotive Systems GmbH. We expended significant management time and effort, as well as capital, identifying, evaluating, negotiating, and executing this transaction and, since the closing of the acquisition on January 31, 2023, we have invested additional time and capital working to integrate our new Hamburg- and Detroit-based teams and operations. We cannot guarantee that these integration efforts will be successful, that the goals of the acquisition will be realized, or that the increase to our operating expenses or cash requirements will be manageable.

In the future, we may again undertake acquisitions to add new products and technologies, acquire talent, gain new sales channels or enter into new markets or sales territories. In addition to possible stockholder approval, we may need approvals and licenses from relevant government authorities for the acquisitions and to comply with any applicable laws and regulations, which could result in increased delay and costs, and may disrupt our business strategy if we fail to do so. Furthermore, acquisitions and the subsequent integration of new assets, businesses, key personnel, customers, vendors and suppliers require significant attention from our management and could result in a diversion of resources from our existing business, which in turn could have an adverse effect on our operations. Acquired assets or businesses may not generate the financial results we expect. Acquisitions could result in the use of substantial amounts of cash, potentially dilutive issuances of equity securities, the occurrence of significant goodwill impairment charges, amortization expenses for other intangible assets and exposure to potential unknown liabilities of the acquired business. Moreover, the costs of identifying and consummating acquisitions may be significant.

Before our acquisition of assets from Ibeo, we had no experience with acquisitions or the integration of acquired technology and personnel. Failure to successfully identify, complete, manage and integrate acquisitions could materially and adversely affect our business, financial condition and results of operations and could cause our stock price to decline.

Our suppliers' facilities could be damaged or disrupted by a natural disaster or labor strike, either of which would materially affect our financial position, results of operations and cash flows.

A major catastrophe, such as an earthquake, monsoon, flood, infectious disease includingthe COVID-19 virus, or other natural disaster, labor strike, or work stoppage at our suppliers' facilities or our customers, could result in a prolonged interruption of our business. A disruption resulting from any one of these events could cause significant delays in product shipments and the loss of sales and customers, which could have a material adverse effect on our financial condition, results of operations, and cash flows.

If we are unable to obtain effective intellectual property protection for our products, processes and technology, we may be unable to compete with other companies.

Intellectual property protection for our products, processes and technology is important and uncertain. If we do not obtain effective intellectual property protection for our products, processes and technology, we may be subject to increased competition. Our commercial success will depend, in part, on our ability to maintain the proprietary nature of our key technologies by securing valid and enforceable patents and effectively maintaining unpatented technology as trade secrets.

We protect our proprietary technology by seeking to obtain United States and foreign patents in our name, or licenses to third party patents, related to proprietary technology, inventions, and improvements that may be important to the development of our business. However, our patent position involves complex legal and factual questions. The standards that the United States Patent and Trademark Office and its foreign counterparts use to grant patents are not always applied predictably or uniformly and can change.

Additionally, the scope of patents is subject to interpretation by courts and their validity can be subject to challenges and defenses, including challenges and defenses based on the existence of prior art. Consequently, we cannot be certain as to the extent to which we will be able to obtain patents for our new products and technology or the extent to which the patents that we already own, protect our products and technology. Reduction in scope of protection or invalidation of our licensed or owned patents, or our inability to obtain new patents, may enable other companies to develop products that compete directly with ours on the basis of the same or similar technology.

We also rely on the law of trade secrets to protectunpatented know-how and technology to maintain our competitive position. We try to protect this know-how and technology by limiting access to the trade secrets to those of our employees, contractors and partners, witha need-to-know such information and by entering into confidentiality agreements with parties that have access to it, such as our employees, consultants and business partners. Any of these parties could breach the agreements and disclose our trade secrets or confidential information, or our competitors might learn of the information in some other way. If any trade secret not protected by a patent were to be disclosed to or independently developed by a competitor, our competitive position could be negatively affected.

We could be subject to significant product liability claims that could be time-consuming and costly, divert management attention and adversely affect our ability to obtain and maintain insurance coverage.

We could be subject to product liability claims if any of the product applications are alleged to be defective or cause harmful effects. For example, because some of the scanning modules incorporating our LBS technology could scan a low power beam of colored light into the user's eye, the testing, manufacture, marketing and sale of these products involve an inherent risk that product liability claims will be asserted against us.

Additionally, any misuse of our technology or products incorporating our technology by end users or third parties that obtain access to our technology, could result in negative publicity and could harm our brand and reputation. Product liability claims or other claims related to our products or our technology, regardless of their outcome, could require us to spend significant time and money in litigation, divert management time and attention, require us to pay significant damages, harm our reputation or hinder acceptance of our products. Any successful product liability claim may prevent us from obtaining adequate product liability insurance in the future on commercially desirable or reasonable terms. An inability to obtain sufficient insurance coverage at an acceptable cost or otherwise to protect against potential product liability claims could prevent or inhibit the commercialization of our products and technology.

Our operations could be adversely impacted by information technology system failures, network disruptions, or cyber security breaches.

We rely on information technology systems to process, transmit, store, and protect electronic data between our employees, our customers and our suppliers. Our systems are vulnerable to damage or interruptions due to events beyond our control, including, but are not limited to, natural disasters, power loss, telecommunications failures, computer viruses, hacking, or other cyber security issues. Our system redundancy may be inadequate and our disaster recovery planning may be ineffective or insufficient to account for all eventualities. Additionally, we maintain insurance coverage to address certain aspects of cyber risks. Such insurance coverage may be insufficient to cover all losses or all claims that may arise, should such an event occur.

Loss of any of our key personnel could have a negative effect on the operation of our business.

Our success depends on our executive officers and other key personnel and on the ability to attract and retain qualified new personnel. Achievement of our business objectives will require substantial additional expertise in the areas of sales and marketing, research and product development and manufacturing. Competition for qualified personnel in these fields is intense, and the inability to attract and retain additional highly skilled personnel, or the loss of key personnel, could hinder our ability to compete effectively in the automotive or technology markets and adversely affect our business strategy execution and results of operations.

COVID-19 has had an adverse effect on our business, and thecontinuing COVID-19 effects on our financial position and business prospects are uncertain.

On March 11, 2020, the World Health Organization declared the outbreakof COVID-19 a pandemic, which continues to spread throughout the United States and the world. We are unable to fully assess or accurately predict the impact that COVID-19 has had and may continue to have on our operations due to numerous uncertainties.

The adverse impacts of the pandemic on our business thus far and on our future financial performance include, but are not limited to:

- difficulties in our ability to raise capital,
- delays to our technology development plans and timelines,
- significant declines or delays in revenue or development efforts due to supply chain disruptions,
- obstacles or delays in meeting with potential customers and partners or entering into agreements with them, and
- challenges to our operating effectiveness resulting from employees working remotely, or being ill and unable to work.

<u>Risks Related to Development for the Automotive Industry</u>

If our products and solutions are not selected for inclusion in ADAS systems by automotive OEMs or automotive Tier 1 suppliers, our future prospects will be materially and adversely affected.

Automotive OEMs and Tier 1 suppliers design and develop ADAS technology over several years, undertaking extensive testing and qualification processes prior to selecting a product such as our lidar sensor for use in a particular system, product or vehicle model because such products will function as part of a larger system or platform and must meet certain other specifications. We have invested and will continue to invest significant time and resources to have our products considered and possibly selected by OEMs or Tier 1 suppliers for use in a particular system, product or vehicle model, which is known as a "series production win" or a "series production award." In the case of ADAS technology, a series production award would mean that our lidar sensor and/or ADAS solution had been selected for use in a particular vehicle model. However, if we are unable to achieve a series production award with respect to a particular vehicle model, we may not have an opportunity to supply our products to the automotive OEM for that vehicle model for a period of many years. In many cases, this period can be as long as five to seven or more years. If our products are not selected by an automotive OEM or our suppliers for one vehicle model or if our products are not successful in that vehicle model, it is unlikely that our product will be deployed in other vehicle models of that OEM. If we fail to win a significant number of vehicle models from one or more of automotive OEMs or their suppliers, our future business prospects will be materially and adversely affected.

The complexity of our products and the limited visibility into the various environmental and other conditions under which potential customers may use the products could result in unforeseen delays or expenses from undetected defects, errors or reliability issues in hardware or software which could reduce the market adoption of our products, damage our reputation with prospective customers, expose us to product liability and other claims, and adversely affect our operating costs.

Our products are highly technical and complex and require high standards to manufacture and may experience defects, errors or reliability issues at various stages of development. We may be unable to timely manufacture or release products, or correct problems that have arisen or correct such problems to the customer's satisfaction. Additionally, undetected errors, defects or security vulnerabilities could result in serious injury to the end users or bystanders of technology incorporating our products, inability of customers to commercialize technology incorporating our products, litigation against us, negative publicity and other consequences. These risks are particularly prevalent in the highly competitive ADAS market. These problems may also result in claims, including class actions, against us that could be costly to defend. Our reputation or brand may be damaged as a result of these problems and potential customers may be reluctant to buy our products, which could adversely affect our financial results.

Adverse conditions in the automotive industry or the global economy more generally could have adverse effects on our results of operations.

While we make our strategic planning decisions based on the assumption that the markets we are targeting will grow, our business is dependent, in large part on, and directly affected by, business cycles and other factors affecting the global automobile industry and global economy generally. Automotive production and sales are highly cyclical and depend on general economic conditions and other factors, including consumer spending and preferences, changes in interest rates and credit availability, consumer confidence, fuel costs, fuel availability, environmental impact, governmental incentives and regulatory requirements, and political volatility, especially in energy-producing countries and growth markets. In addition, automotive production and sales can be affected by our automotive OEM customers' ability to continue operating in response to challenging economic conditions and in response to labor relations issues, regulatory requirements, trade agreements and other factors. The volume of automotive production in North America, Europe and the rest of the world has fluctuated, sometimes significantly, from year to year, and we expect such fluctuations to give rise to fluctuations in the demand for our products. Any significant adverse change in any of these factors may result in a reduction in automotive sales and production by our automotive OEM customers and could have a material adverse effect on our business, results of operations and financial condition.

Developments in alternative technology may adversely affect the demand for our lidar technology.

Significant developments in alternative technologies, such as cameras and radar, may materially and adversely affect our business prospects in ways we do not currently anticipate. Existing and other camera and radar technologies may emerge as OEMs' preferred alternative to our solution, which would result in the loss of competitiveness of our lidar solution. Our R&D efforts may not be sufficient to adapt to these changes in technology and our solution may not compete effectively with these alternative systems.

ADAS features may be delayed in adoption by OEMs, which would negatively impact our business prospects.

The ADAS market is fast evolving and there is generally a lack of an established regulatory framework. Vehicle regulators globally continue to consider new and enhanced emissions requirements, including electrification, to meet environmental and economic needs as well as pursue new safety standards to address emerging traffic risks. To control new vehicle prices, among other concerns, OEMs may need to dedicate technology and cost additions to new vehicle designs to meet these emissions and safety requirements and postpone the consumer cost pressures of new ADAS features. As additional safety requirements are imposed on vehicle manufacturers, our business prospects may be materially impacted.

Because the lidar and ADAS markets are rapidly evolving, it is difficult to forecast customer adoption rates, demand, and selling prices for our products and solutions.

We are pursuing opportunities in rapidly evolving markets, including technological and regulatory changes, and it is difficult to predict the timing and size of the opportunities. For example, lidar-based ADAS solutions require complex technology and because these automotive systems depend on technology from many companies, commercialization of ADAS products could be delayed or impaired on account of certain technological components of ours or others not being ready to be deployed in vehicles. In addition, the selling prices we are able to ultimately charge in the future for the products we are currently developing may be less than what we currently project. Our future financial performance will depend on our ability to make timely investments in the correct market opportunities. If one or more of these markets experience a shift in prospective customer demand, our products may not compete as effectively, if at all, and they may not be designed into commercialized products. Given the evolving nature of the markets in which we operate, it is difficult to predict customer demand or adoption rates for our products, selling prices or the future growth of our target markets. If demand does not develop or if we cannot accurately forecast it, the size of our markets, inventory requirements or future financial results will be adversely affected.

Because lidar is new in the markets we are seeking to enter, our market forecasts may not materialize as anticipated.

Our market opportunity estimates and growth forecasts are subject to significant uncertainty and are based on assumptions and estimates that may not materialize as anticipated. These forecasts and estimates relating to the expected size and growth of the markets for lidar-based technology may prove to be inaccurate. Even if these markets experience the forecasted growth we anticipate, we may not grow our business at similar rates, or at all. Our future growth is subject to many factors, including market adoption of our products, which is subject to many risks and uncertainties. Accordingly, we cannot assure you that these forecasts will not be materially inaccurate.

ITEM 5. OTHER INFORMATION

(c) During the three months ended June 30, 2023, none of our directors or officers (as defined in Rule 16a-1(f) under the Securities Exchange Act of 1934, as amended) adopted or terminated a Rule 10b5-1 trading arrangement or non-Rule 10b5-1 trading arrangement (as such terms are defined in Item 408 of Regulation S-K of the Securities Act of 1933, as amended).

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ITEM 6. EXHIBITS

3.1	Certificate of Amendment to the Company's Amended and Restated Certificate of Incorporation.[1]
10.1	At-the-Market Issuance Sales Agreement, dated June 16, 2023, by and between the company and Craig-Hallum Capital Group LLC[2]
31.1	Principal Executive Officer Certification pursuant to Rule 13a-14(a)/15d-14(a) of the Securities Exchange Act of 1934, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
31.2	Principal Financial Officer Certification pursuant to Rule 13a-14(a)/15d-14(a) of the Securities Exchange Act of 1934, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
32.1	Principal Executive Officer Certification pursuant to Rule 13a-14(b) or Rule 15d-14(b) and Section 1350, Chapter 63 of Title 18, United States Code (18 U.S.C. 1350), as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
32.2	Principal Financial Officer Certification pursuant to Rule 13a-14(b) or Rule 15d-14(b) and Section 1350, Chapter 63 of Title 18, United States Code (18 U.S.C. 1350), as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
101.INS	Inline XBRL Instance Document (the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document).
101.SCH	Inline XBRL Taxonomy Extension Schema.
101.CAL	Inline XBRL Taxonomy Extension Calculation Linkbase Document.
101.DEF	Inline XBRL Taxonomy Extension Definition Linkbase Document.
101.LAB	Inline XBRL Taxonomy Extension Label Linkbase Document.
101.PRE	Inline XBRL Taxonomy Extension Presentation Linkbase Document.
104	Cover Page Interactive Data File (formatted as inline XBRL and contained in Exhibit 101).

(1) Incorporated by reference to the Company's Current Report on Form8-K filed on May 19, 2023.
(2) Incorporated by reference to the Company's Current Report on Form8-K filed on June 16, 2023.

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

	MicroVision, Inc.
Date: August 9, 2023	By /s/ Sumit Sharma Sumit Sharma Chief Executive Officer and Director (Principal Executive Officer)
Date: August 9, 2023	By /s/ Anubhav Verma Anubhav Verma Chief Financial Officer (Principal Financial Officer and Principal Accounting Officer)

Exhibit 31.1

CERTIFICATION PURSUANT TO
RULE 13a-14(a) OF THE SECURITIES EXCHANGE ACT OF 1934,
AS ADOPTED PURSUANT TO
SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

I, Sumit Sharma, certify that:

1. I have reviewed this annual report on Form 10-Q for the period ended June 30, 2023 of MicroVision, Inc.;

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules13a-15(f) and 15d-15(f)) for the registrant and have:

(a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

(b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

(c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

(d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):

(a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and

(b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: August 9, 2023

/s/ Sumit Sharma
Sumit Sharma
Chief Executive Officer
(Principal Executive Officer)

Exhibit 31.2

**CERTIFICATION PURSUANT TO
RULE 13a-14(a) OF THE SECURITIES EXCHANGE ACT OF 1934,
AS ADOPTED PURSUANT TO
SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002**

I, Anubhav Verma, certify that:

1. I have reviewed this annual report on Form 10-Q for the period ended June 30, 2023 of MicroVision, Inc.;

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules13a-15(f) and 15d-15(f)) for the registrant and have:

(a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

(b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

(c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

(d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):

(a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and

(b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: August 9, 2023

/s/ Anubhav Verma
Anubhav Verma
Chief Financial Officer
(Principal Financial and Accounting Officer)

Exhibit 32.1

CERTIFICATION OF CHIEF EXECUTIVE OFFICER
PURSUANT TO 18 U.S.C. SECTION 1350
AS ADOPTED PURSUANT TO SECTION 906
OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Current Report of MicroVision, Inc. (the "Company") on Form10-Q for the quarter ended June 30, 2023 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Sumit Sharma, Chief Executive Officer of the Company, certify, pursuant to 18 U.S.C. §1350, as adopted pursuant to §906 of the Sarbanes-Oxley Act of 2002, that:

1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m or 78o(d)); and

2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: August 9, 2023

/s/ Sumit Sharma
Sumit Sharma
Chief Executive Officer

Exhibit 32.2

CERTIFICATION OF CHIEF FINANCIAL OFFICER
PURSUANT TO 18 U.S.C. SECTION 1350
AS ADOPTED PURSUANT TO SECTION 906
OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Current Report of MicroVision, Inc. (the "Company") on Form10-Q for the quarter ended June 30, 2023 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Anubhav Verma, Chief Financial Officer of the Company, certify, pursuant to 18 U.S.C. §1350, as adopted pursuant to §906 of the Sarbanes-Oxley Act of 2002, that:

1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m or 78o(d)); and

2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: August 9, 2023

/s/ Anubhav Verma
Anubhav Verma
Chief Financial Officer