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

Form 6-K

Report of Foreign Private Issuer Pursuant to Rule 13a-16 or 15d-16 under the Securities Exchange Act of 1934

For the month of December 2023

Commission file number: 001-41334

RAIL VISION LTD. (Translation of registrant's name into English)

15 Ha'Tidhar St

Ra'anana, 4366517 Israel (Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F ⊠ Form 40-F □

CONTENTS

Attached hereto and incorporated herein is the Registrant's press release issued on December 1, 2023, titled "Rail Vision Regains Compliance with Nasdaq Minimum Bid Price Requirement."

This Report is incorporated by reference into the Registrant's Registration Statements on Form F-3 (File Nos. 333-271068 and 333-272933) and Form S-8 (Registration No. 333-265968), filed with the Securities and Exchange Commission, to be a part thereof from the date on which this report is submitted, to the extent not superseded by documents or reports subsequently filed or furnished.

EXHIBIT INDEX

Exhibit No.	
99.1	Press release issued by Rail Vision Ltd. on December 1, 2023, titled "Rail Vision Regains Compliance with Nasdaq Minimum Bid Price
	Requirement."

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.

Rail Vision Ltd.

Date: December 1, 2023

By: /s/ Ofer Naveh

Name: Ofer Naveh Title: Chief Financial Officer

3



Rail Vision Regains Compliance with Nasdaq Minimum Bid Price Requirement

Ra'anana, Israel, Dec. 01, 2023 (GLOBE NEWSWIRE) -- Rail Vision Ltd. (Nasdaq: RVSN) ("Rail Vision" or the "Company"), a development stage technology company seeking to revolutionize railway safety and the data-related market, today announced that it has received formal notice from The Nasdaq Stock Market, LLC ("Nasdaq") stating that the Company has regained compliance with the minimum bid price requirement set forth in Nasdaq Listing Rule 5550(a)(2). Rail Vision is now in compliance with all applicable listing standards and its ordinary shares will continue to be listed and traded on the Nasdaq Capital Market.

The Company was notified by Nasdaq on June 7, 2023, that its ordinary shares had failed to maintain a minimum bid price of \$1.00 for 30 consecutive business days. Nasdaq provided a 180-calendar day period following the date of the notice to regain compliance, or until December 4, 2023. To regain compliance with the minimum bid price requirement, the Company was required to maintain a minimum closing bid price of \$1.00 or more for at least 10 consecutive trading days. From November 15, 2023 through November 29, 2023, a period of 10 consecutive trading days, the closing bid price of the Company's ordinary shares was greater than \$1.00 per share.

About Rail Vision Ltd.

Rail Vision is a development stage technology company that is seeking to revolutionize railway safety and the data-related market. The company has developed cutting edge, artificial intelligence based, industry-leading technology specifically designed for railways. The company has developed its railway detection and systems to save lives, increase efficiency, and dramatically reduce expenses for the railway operators. Rail Vision believes that its technology will significantly increase railway safety around the world, while creating significant benefits and adding value to everyone who relies on the train ecosystem: from passengers using trains for transportation to companies that use railways to deliver goods and services. In addition, the company believes that its technology has the potential to advance the revolutionary concept of autonomous trains into a practical reality. For more information, please visit https://www.railvision.io/

Forward-Looking Statements

This press release contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act and other securities laws. Words such as "expects," "anticipates," "intends," "plans," "believes," "seeks," "estimates" and similar expressions or variations of such words are intended to identify forward-looking statements. Forward-looking statements are not historical facts, and are based upon management's current expectations, beliefs and projections, many of which, by their nature, are inherently uncertain. Such expectations, beliefs and projections are expressed in good faith. However, there can be no assurance that management's expectations, beliefs and projections will be achieved, and actual results may differ materially from what is expressed in or indicated by the forward-looking statements. Forward-looking statements are subject to risks and uncertainties that could cause actual performance or results to differ materially from those expressed in the forward-looking statements. For a more detailed description of the risks and uncertainties affecting the Company, reference is made to the Company's reports filed from time to time with the Securities and Exchange Commission ("SEC"), including, but not limited to, the risks detailed in the Company's annual report on Form 20-F filed with the SEC on March 23, 2023. Forward-looking statements speak only as of the date the statements are made. The Company assumes no obligation to update forward-looking statements to reflect actual results, subsequent events or circumstances, changes in assumptions or changes in other factors affecting forward-looking statements, are made. The Company assumes no obligation to update forward-looking statements to reflect actual results, subsequent events or circumstances, changes in assumptions or changes in other factors affecting forward-looking information except to the extent required by applicable securities laws. If the Company does update one or more forward-looking statements, no inference should b

Contacts

Shahar Hania Chief Executive Officer Rail Vision Ltd. 15 Ha'Tidhar St Ra'anana, 4366517 Israel Telephone: +972- 9-957-7706

Investor Relations:

Dave Gentry, CEO RedChip Companies Inc. 407-491-4498 RVSN@redchip.com