

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the
Securities Exchange Act of 1934

Date of report (Date of earliest event reported): April 26, 2023

ATOMERA INCORPORATED
(Exact Name of Registrant as Specified in Its Charter)

Delaware
(State or Other Jurisdiction of Incorporation)

001-37850
(Commission File Number)

30-0509586
(I.R.S. Employer Identification Number)

750 University Avenue, Suite 280
Los Gatos, California 95032
(Address of principal executive offices)

(408) 442-5248
(Registrant's telephone number, including area code)

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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: Par value \$0.001	ATOM	Nasdaq Global Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

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.

Item 8.01 Other Events.

On April 26, 2023, Atomera Incorporated issued a press release regarding its entry into a commercial license agreement with STMicroelectronics International N.V. A copy of the press release is filed as Exhibit 99.1 to this report.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits

Method Filing

The following exhibit is filed with this report:

99.1 [Press release dated April 26, 2023](#)
104 Cover Page Interactive Data File

Filed electronically herewith
Embedded within the Inline XBRL document

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, hereunto duly authorized.

ATOMERA INCORPORATED

Dated: April 26, 2023

/s/ Francis B. Laurencio

Francis B. Laurencio,
Chief Financial Officer



Atomera Signs Commercial License Agreement with STMicroelectronics

Agreement Allows ST to Manufacture and Ship MST-Enabled Products

LOS GATOS, Calif. April 26, 2023 – **Atomera Incorporated (NASDAQ:ATOM)**, a semiconductor materials and technology licensing company, today announced the execution of a commercial license agreement with STMicroelectronics (ST). This agreement enables ST to install Atomera’s Mears Silicon Technology™ (MST®) into its facilities and authorizes ST to manufacture and distribute MST-enabled products to its customers.

MST is a quantum-engineered material that enhances transistors to deliver significantly better performance in semiconductor devices, while shrinking die sizes and reducing cost in today’s electronics. In power devices, performance improvements typically include lower “on” resistance, higher breakdown voltages, and die size reductions of 20% or more. As these devices are ubiquitous in all electronic segments, this means consumer electronics such as mobile phones can have longer battery life, datacenters and EVs can improve efficiency, and all segments can lower their component costs.

“With the execution of this agreement, Atomera will be working with ST to bring to production ST products that are enhanced with all the benefits of MST as soon as possible,” said Scott Bibaud, Atomera’s president and CEO. “We are thrilled to be working with an industry leader like ST to commercialize MST in its flagship smart power products.”

MST Technology Benefits

Manufacturers can address their yield, power, and performance challenges at a fraction of the cost of alternative approaches. Atomera breathes new life into semiconductor fabs by providing up to a full node of performance benefits to existing fabs, empowering competitive new product designs on existing lines. Atomera’s patented material technology enables more efficient and better controlled current flow, leading to dramatic improvements in device performance and power efficiency.

Follow Atomera:

Company website: <https://atomera.com/>

Atomera whitepaper: <https://atomera.com/news-and-blogs/>

Atomera blog: <https://atomera.com/news-and-blogs/>

LinkedIn: www.linkedin.com/company/atomera/

About Atomera

Atomera Incorporated, one of America’s Top 100 Best Small Companies in 2022 ranked by Forbes, is a semiconductor materials and technology licensing company focused on deploying its proprietary, silicon-proven technology into the semiconductor industry. Atomera has developed Mears Silicon Technology™ (MST®), which increases performance and power efficiency in semiconductor transistors. MST can be implemented using equipment already deployed in semiconductor manufacturing facilities and is complementary to other nano-scaling technologies in the semiconductor industry roadmap. More information can be found at www.atomera.com.

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