UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 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): August 12, 2024

American Superconductor Corporation

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation)

000-19672 (Commission File Number)

04-2959321 (IRS Employer Identification No.)

114 East Main Street Ayer, Massachusetts (Address of principal executive offices)

01432 (Zip Code)

Registrant's telephone number, including area code (978) 842-3000

Not Applicable

| | (Former name | or former address, if changed since last re | port.) |
|--|--|---|---|
| | eck the appropriate box below if the Form 8-K filing is inte owing provisions (see General Instruction A.2. below): | ended to simultaneously satisfy the fi | ling obligation of the registrant under any of the |
| | 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, \$0.01 par value per share | AMSC | Nasdaq Global Select Market |
| | icate by check mark whether the registrant is an emerging appear) or Rule 12b-2 of the Securities Exchange Act of 1934 | | 405 of the Securities Act of 1933 (§230.405 of this |
| | | | Emerging growth company \Box |
| 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 August 12, 2024, American Superconductor Corporation (the "Company") filed a prospectus supplement with the Securities and Exchange Commission (the "SEC") relating to shares of the Company's common stock to be sold from time to time by certain selling stockholders of the Company. The prospectus supplement forms a part of the Company's Registration Statement on Form S-3 (Reg. No. 333-281496), which was filed with the SEC and became effective on August 12, 2024.

Latham & Watkins LLP, counsel to the Company, has issued an opinion to the Company, dated August 12, 2024, regarding the validity of such shares. A copy of the opinion is filed as Exhibit 5.1 to this Current Report on Form 8-K.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits:

- 5.1 Opinion of Latham & Watkins LLP
- 23.1 Consent of Latham & Watkins LLP (included in Exhibit 5.1)
- 104 Cover Page Interactive Data File (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.

Date: August 12, 2024

AMERICAN SUPERCONDUCTOR CORPORATION

By: /S/ JOHN W. KOSIBA, JR.

John W. Kosiba, Jr.

Senior Vice President and Chief Financial Officer

LATHAM & WATKINS LLP

August 12, 2024

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Registration Statement on Form S-3 (Reg. No. 333-281496); 1,297,600 shares of Common Stock, par value \$0.01 per share

To the addressee set forth above:

We have acted as special counsel to American Superconductor Corporation, a Delaware corporation (the "Company"), in connection with the resale from time to time by the selling stockholders (the "Selling Stockholders") named in the Registration Statement (as defined below) of 1,297,600 shares of common stock, \$0.01 par value per share (the "Shares"). The Shares are included in a registration statement on Form S-3 under the Securities Act of 1933, as amended (the "Act"), filed with the Securities and Exchange Commission (the "Commission") on August 12, 2024 (Registration No. 333-281496) (the "Registration Statement"). This opinion is being furnished in connection with the requirements of Item 601(b)(5) of Regulation S-K under the Act, and no opinion is expressed herein as to any matter pertaining to the contents of the Registration Statement or related Prospectus, other than as expressly stated herein with respect to the issue of the Shares.

As such counsel, we have examined such matters of fact and questions of law as we have considered appropriate for purposes of this letter. With your consent, we have relied upon certificates and other assurances of officers of the Company and others as to factual matters without having independently verified such factual matters. We are opining herein as to General Corporation Law of the State of Delaware, and we express no opinion with respect to any other laws.

Subject to the foregoing and the other matters set forth herein, it is our opinion that, as of the date hereof, the issue of the Shares has been duly authorized by all necessary corporate action of the Company, and the Shares are validly issued, fully paid and nonassessable.

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LATHAM&WATKINS LLP

In rendering the foregoing opinion, we have assumed that the Company will comply with all applicable notice requirements regarding uncertificated shares provided in the General Corporation Law of the State of Delaware.

This opinion is for your benefit in connection with the Registration Statement and may be relied upon by you and by persons entitled to rely upon it pursuant to the applicable provisions of the Act. We consent to your filing this opinion as an exhibit to the Company's Form 8-K dated August 12, 2024 and to the reference to our firm in the Prospectus under the heading "Validity of the Common Stock." In giving such consent, we do not thereby admit that we are in the category of persons whose consent is required under Section 7 of the Act or the rules and regulations of the Commission thereunder.

Sincerely,

/s/ Latham & Watkins LLP