

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

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

(AMENDMENT NO. 2)*

American Superconductor Co.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

030111108

(CUSIP Number)

Check the following box if a fee is being paid with this statement _____. (A fee is not required only if the filing person: (1) has a previous statement on file reporting beneficial ownership of more than five percent of the class of securities described in Item 1; and (2) has filed no amendment subsequent thereto reporting beneficial ownership of five percent or less of such class.) (See Rule 13d-7).

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP NO. 030111108

13G

1 NAME OF REPORTING PERSON
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

State of Wisconsin Investment Board
39-6006423

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP *

Not Applicable

(a) _____
(b) _____

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Madison, Wisconsin

5 SOLE VOTING POWER
NUMBER OF SHARES 50,000

6 SHARED VOTING POWER
BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH Not Applicable

7 SOLE DISPOSITIVE POWER
50,000

8 SHARED DISPOSITIVE POWER
Not Applicable

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
50,000

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES *
Not Applicable

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9
0.25

12 TYPE OF REPORTING PERSON *

EP (Public Pension Fund)

* SEE INSTRUCTION BEFORE FILLING OUT!

- ITEM 1. ISSUER
 - (a) American Superconductor Co.
 - (b) Two Technology Dr.,
Westborough, MA 01581

- ITEM 2. PERSON FILING
 - (a) State of Wisconsin Investment Board
 - (b) P.O. Box 7842
Madison, WI 53707
 - (c) Wisconsin State Agency
 - (d) See cover page
 - (e) See cover page

- ITEM 3. THIS STATEMENT IS FILED PURSUANT TO 13d-1(b) OR 13d-2(b) AND THE STATE OF WISCONSIN INVESTMENT BOARD IS A GOVERNMENT AGENCY WHICH MANAGES PUBLIC PENSION FUNDS SUBJECT TO PROVISIONS COMPARABLE TO ERISA.

- ITEM 4. OWNERSHIP
 - (a) See Row 9 on Page 2
 - (b) See Row 11 on Page 2
 - (c) The State of Wisconsin Investment Board retains sole voting and dispositive power for all shares.

- ITEM 5. IF THIS STATEMENT IS BEING FILED TO REPORT THE FACT THAT AS OF THE DATE HEREOF THE REPORTING PERSON HAS CEASED TO BE THE BENEFICIAL OWNER OF MORE THAN FIVE PERCENT OF THE CLASS OF SECURITIES, CHECK THE FOLLOWING X .

- ITEM 6. NOT APPLICABLE

- ITEM 7. NOT APPLICABLE

- ITEM 8. NOT APPLICABLE

- ITEM 9. NOT APPLICABLE

- ITEM 10. CERTIFICATION

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purposes or effect.

SIGNATURE

After reasonable inquiry to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

February 14, 2001

Date

/s/ Joseph E. Gorman

Signature

Joseph E. Gorman, Chief Investment Officer - Public Equities

Name/Title