

SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, DC 20549

-----

SCHEDULE 13G

INFORMATION STATEMENT PURSUANT TO RULES 13d-1 and 13d-2  
UNDER THE SECURITIES EXCHANGE ACT OF 1934  
(Amendment No. 5)

VICOR CORPORATION

-----  
(Name of Issuer)

Common Stock, Par Value \$.01 Per Share

-----  
(Title of Class of Securities)

925815 10 2

-----  
(CUSIP Number)

-----

1. NAME OF REPORTING PERSON  
 S.S. or I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  
 Patrizio Vinciarelli

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [ ]  
 (b) [ ]

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION  
 United States

NUMBER OF SHARES	5.	SOLE VOTING POWER	20,980,636
---------------------	----	-------------------	------------

BENEFICIALLY OWNED BY	6.	SHARED VOTING POWER	0
--------------------------	----	---------------------	---

EACH	7.	SOLE DISPOSITIVE POWER	20,980,636
------	----	------------------------	------------

REPORTING PERSON WITH	8.	SHARED DISPOSITIVE POWER	0
--------------------------	----	--------------------------	---

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING  
 PERSON

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES  
 CERTAIN SHARES [ ]

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9  
 49.8%

12. TYPE OF REPORTING PERSON  
 IN

ITEM 1(a). NAME OF ISSUER:  
-----

Vicor Corporation

ITEM 1(b). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:  
-----

23 Frontage Road, Andover, MA 01810

ITEM 2(a). NAME OF PERSON FILING:  
-----

Patrizio Vinciarelli

ITEM 2(b). ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE:  
-----

Vicor Corporation, 23 Frontage Road, Andover, MA 01810

ITEM 2(c). CITIZENSHIP:  
-----

United States

ITEM 2(d) TITLE OF CLASS OF SECURITIES:  
-----

Common Stock, par value \$.01 per share

ITEM 2(e) CUSIP NUMBER:  
-----

925815 10 2

ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(b), OR  
13D-2(b), CHECK WHETHER THE PERSON FILING IS A:

Not applicable

ITEM 4. OWNERSHIP.  
-----

If the percent of the class owned, as of December 31 of the year covered by the statement, or as of the last day of any month described in Rule 13d-1 (b)(2), if applicable, exceeds five percent, provide the following information as of that date and identify those shares which there is a right to acquire.

(a) Amount beneficially owned: 20,980,636

(this amount includes 4,744 shares which the Reporting Person has the right to acquire upon the exercise of stock options)

(b) Percent of class:

49.8%

(c) Number of shares as to which such person has:

(i) Sole power to vote or to direct the vote: 20,980,636

As of December 31, 1996, Mr. Vinciarelli was the beneficial owner of 9,956,988 shares of Vicor Corporation Common Stock. Additionally, he owned 11,023,648 shares of Vicor Corporation Class B Common Stock which may be converted at any time into 11,023,648 shares of Common Stock.

(ii) Shared power to vote or to direct the vote: 0

(iii) Sole power to dispose or to direct the disposition of:  
20,980,636

(iv) Shared power to dispose or to direct the disposition of: 0

ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS.  
-----

Not applicable.

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON.  
-----

Not applicable.

ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH  
-----  
ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING  
-----  
COMPANY.  
-----

Not applicable.

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP.  
-----

Not applicable.

ITEM 9. NOTICE OF DISSOLUTION OF GROUP.  
-----

Not applicable.

ITEM 10. CERTIFICATION.  
-----

Not applicable.

-----  
CUSIP No. 925815 10 2  
-----

13G

-----  
Page 6 of 6 Pages  
-----

SIGNATURE

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

Dated: July 18, 1997

/s/ Patrizio Vinciarelli

-----  
Name: Patrizio Vinciarelli