VINCIARELLI PATRIZIO Form SC 13G/A January 26, 2006

> SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

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SCHEDULE 13G/A

Under the Securities and Exchange Act of 1934 (Amendment No. 14)

VICOR CORPORATION (Name of Issuer)

Common Stock, Par Value \$.01 Per Share (Title of Class of Securities)

> 925815 10 2 (CUSIP Number)

December 31, 2005 (Date of Event Which Requires filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- [ ] Rule 13d-1 (b)
- [ ] Rule 13d-1 (c)
- [X] Rule 13d-1 (d)

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CUSTP	 No. 9258	 15 1(				13G/A		 Pa			ages
1.		DENT			ABOVE	PERSONS	(ENTITIES	ONLY)			
2.	СНЕСК ТН	e api	PROPRIATE	BOX IF	A MEMI	BER OF A	GROUP				[ ]
3.	SEC USE	ONLY									
4.	CITIZENS	HIP (	OR PLACE (	DF ORGA	NIZATI(				United	d Sta	ates
		5.	SOLE VO	CING PO						,986	,256
SHARES BENEFICIALLY		6.	SHARED V	/OTING							0

OWNED BY EACH	7. SOLE DISPOSITIVE POWER 20,986,25									
	CH 8. SHARED DISPOSITIVE POWER									
9. AGGRE	ATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 20,986,256									
10. CHECH SHARE	BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN									
11. PERCE	NT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 51.0									
	OF REPORTING PERSON I									
CUSIP No. 9	225815 10 2         13G/A         Page 3 of 6 Page									
TTEM 1(A).	NAME OF ISSUER:									
	Vicor Corporation									
TTEM 1(B).	ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:									
	25 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, 25 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 RULE $13D-1(B)$ , OR $13D-2(B)$ OR (C), CHECK WHETHER THE PERSON FILING IS A:									

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#### ITEM 4. OWNERSHIP.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount beneficially owned: 20,986,256

As of December 31, 2005, Mr. Vinciarelli was the beneficial owner of 9,962,608 shares of Vicor Corporation Common Stock (which number includes 32,054 shares which Mr. Vinciarelli has the right to acquire upon the exercise of options to purchase Common Stock within 60 days of December 31, 2005). 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.

(b) Percent of class:

51.0%

- (c) Number of shares as to which such person has:
  - (i) Sole power to vote or to direct the vote: 20,986,256
  - (ii) Shared power to vote or to direct the vote: 0
  - (iii) Sole power to dispose or to direct the disposition of: 20,986,256
  - (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.

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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.

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Not applicable.

ITEM 10. CERTIFICATION.

Not applicable.

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### 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: January 26, 2006

/s/ Patrizio Vinciarelli

Name: Patrizio Vinciarelli Title: Chairman of the Board, President and Chief Executive Officer