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

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

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)

Sche	Check the dule is fi	e appropriate led:	box to	designate	the	rule p	pursuan	it to w	hich t	his	
[]	Rule 13d-	-1 (b)									
[]	Rule 13d-	-1 (c)									
[X]	Rule 13d-	-1 (d)									
	P No. 9258	315 10 2		1	3G/A			Pag	e 2 of	6 P	ages
	I.R.S. 1 Patrizio	REPORTING PER DENTIFICATION Vinciarelli	NO. OF			·		,			
		E APPROPRIATE								(a)	[]
3.	SEC USE	ONLY									
		SHIP OR PLACE	OF ORGA						Unite	d St	ates
NU	MBER OF	5. SOLE VO	TING PO	WER					20	,986	,256
	HARES FICIALLY	6. SHARED									0

OWNED BY EACH	7. SOLE DISPOSITIVE POWER 20,986,2	20,986,256							
PERSON WITH	H 8. SHARED DISPOSITIVE POWER	(
	GATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 20,986,2								
SHARE	BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN	[]							
11. PERCE		51.0%							
12. TYPE (OF REPORTING PERSON	II 							
CUSIP No. 92		ges							
ITEM 1(A).	NAME OF ISSUER:								
	Vicor Corporation								
ITEM 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:								
ITEM 2(E)	CUSIP NUMBER: 925815 10 2								
ITEM 2(E)									

CUSIP No. 925815 10 2

13G/A

Page 4 of 6 Pages

TTEM 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.

OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON.

Not applicable.

CUSIP No. 925815 10 2

13G/A

Page 5 of 6 Pages

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/A 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: January 26, 2006 /s/ Patrizio Vinciarelli

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