SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Schedule 13G

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1 (b), (c) AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO 13d-2 (b)

(Amendment No. 1)*

AtriCure, Inc.
(Name of Issuer)
Common Stock
(Title of Class of Securities)
04963C209
(CUSIP Number)
December 31, 2006
(Date of Event Which Requires Filing of this Statement)

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

- o Rule 13d-1(b)
- o Rule 13d-1(c)
- ⊠ Rule 13d-1(d)

The information required on 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).

(Continued on following pages)

Page 1 of 19 Pages Exhibit Index Contained on Page 18

^{*}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 disclosures provided in a prior cover page.

1		NAME OF REPORTING SS OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON							
	U.S. Ver Tax ID N		tners VIII, L.P. ("USVP VIII")						
2	CHECK THE AF	PPROPR	IATE BOX IF A MEMBER OF A GROUP*	a)	0	(b)	X		
3	SEC USE ONLY		·						
4	CITIZENSHIP O Delaware	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware							
	NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER 2,202,444 shares; except that Presidio Man VIII"), the general partner of USVP VIII, n vote these shares, and Timothy Connors ("("Federman"), Winston Fu ("Fu"), Steven Liddle ("Liddle"), Jonathan D. Root ("Roo Philip M. Young ("Young") the managing r deemed to have shared power to vote these	nay bo Conno M. K. t"), C. nemb	e deeme ors"), Ir rausz (' hristoph ers of P	ed to have win Fede "Krausz" ner Rust (e sole power to erman '), David ("Rust") and		
		6	SHARED VOTING POWER See response to row 5.						
		7	SOLE DISPOSITIVE POWER 2,202,444 shares; except that PMG VIII, th may be deemed to have the sole power to d Federman, Fu, Krausz, Liddle, Root, Rust a of PMG VIII, may be deemed to have share	ispos and Y	e of the oung, th	se shares ie manag	, and Connors, ing members		
		8	SHARED DISPOSITIVE POWER See response to row 7.						
9	AGGREGATE A REPORTING PE		BENEFICIALLY OWNED BY EACH			2,202,4	144		
10	CHECK BOX IF EXCLUDES CER		GGREGATE AMOUNT IN ROW (9) HARES*				0		
11	PERCENT OF C	LASS R	EPRESENTED BY AMOUNT IN ROW 9			18.1%			
12	TYPE OF REPO	RTING I	PERSON*			PN			

1		NTIFIC	ATION NO. OF ABOVE PERSON						
	USVP V Tax ID N		iates Fund, L.P. ("USVP VIII AF")						
2	CHECK THE AP	PROPR	IATE BOX IF A MEMBER OF A GROUP*	(-)		<i>(</i> 1-)			
				(a)	0	(b)	X		
3	SEC USE ONLY								
4	CITIZENSHIP O	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware							
	NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER 17,031 shares; except that PMG VIII, the g may be deemed to have sole power to vote Federman, Fu, Krausz, Liddle, Root, Rust of PMG VIII, may be deemed to have shar	these	shares, Young, th	and Con	nors, ing members		
		6	SHARED VOTING POWER See response to row 5.						
		7	SOLE DISPOSITIVE POWER 17,031 shares; except that PMG VIII, the g may be deemed to have sole power to disp Federman, Fu, Krausz, Liddle, Root, Rust of PMG VIII, may be deemed to have shar	ose o and Y	f these s Young, th	hares, and ne managi	d Connors, ing members		
		8	SHARED DISPOSITIVE POWER See response to row 7.						
9	AGGREGATE AN		BENEFICIALLY OWNED BY EACH			17,031			
10	CHECK BOX IF EXCLUDES CER		GGREGATE AMOUNT IN ROW (9) HARES*				0		
11	PERCENT OF CI	LASS RI	EPRESENTED BY AMOUNT IN ROW 9			0.1%			
12	TYPE OF REPOR	RTING F	ERSON*			PN			

1		NAME OF REPORTING SS OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON							
	I	intrepren Number:	eur Partners VIII-A, L.P. ("USVP EP VIII-A")						
2	CHECK THE AI	PROPR	IATE BOX IF A MEMBER OF A GROUP*		(b)	X			
3	SEC USE ONLY		(a _j	0	(0)	Α			
4	CITIZENSHIP C	R PLAC	CE OF ORGANIZATION						
	NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER 21,653 shares; except that PMG VIII, the germay be deemed to have sole power to vote the Federman, Fu, Krausz, Liddle, Root, Rust are of PMG VIII, may be deemed to have shared	hese share Id Young,	s, and Cor the manag	nnors, ing members			
		6	SHARED VOTING POWER See response to row 5.						
		7	SOLE DISPOSITIVE POWER 21,653 shares; except that PMG VIII, the ger may be deemed to have sole power to dispo Federman, Fu, Krausz, Liddle, Root, Rust ar of PMG VIII, may be deemed to have shared	se of these d Young,	shares, ar	nd Connors, ing members			
		8	SHARED DISPOSITIVE POWER See response to row 7.						
9	AGGREGATE A REPORTING PE		T BENEFICIALLY OWNED BY EACH		21,653				
10	CHECK BOX IF EXCLUDES CE		GGREGATE AMOUNT IN ROW (9) SHARES*			0			
11	PERCENT OF C	LASS R	EPRESENTED BY AMOUNT IN ROW 9		0.2%				
12	TYPE OF REPO	RTING I	PERSON*		PN				

1	NAME OF REPO		ATION NO. OF ABOVE PERSON						
	USVP E Tax ID N		eur Partners VIII-B, L.P. ("USVP EP VIII-B")						
2	CHECK THE AP	PROPR:	IATE BOX IF A MEMBER OF A GROUP*						
			(a) ()	(b)	X		
3	SEC USE ONLY								
4	CITIZENSHIP O Delaware	ITIZENSHIP OR PLACE OF ORGANIZATION elaware							
	NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER 11,617 shares; except that PMG VIII, the ge may be deemed to have sole power to vote t Federman, Fu, Krausz, Liddle, Root, Rust a of PMG VIII, may be deemed to have share	hese sha nd Your	ares, a	and Coni e managi	nors, ing members		
		6	SHARED VOTING POWER See response to row 5.						
		7	SOLE DISPOSITIVE POWER 11,617 shares; except that PMG VIII, the ge may be deemed to have sole power to dispo- Federman, Fu, Krausz, Liddle, Root, Rust at of PMG VIII, may be deemed to have share	se of the nd Your	ese sh ig, the	ares, and e managi	d Connors, ing members		
		8	SHARED DISPOSITIVE POWER See response to row 7.						
9	AGGREGATE AI REPORTING PEI		BENEFICIALLY OWNED BY EACH			11,617			
10	CHECK BOX IF EXCLUDES CEF		GGREGATE AMOUNT IN ROW (9) HARES*				0		
11	PERCENT OF CI	LASS RI	EPRESENTED BY AMOUNT IN ROW 9			0.1%			
12	TYPE OF REPOR	RTING F	ERSON*			PN			

1		ENTIFIC Manage	ATION NO. OF ABOVE PERSON ment Group VIII, L.L.C.		
2	CHECK THE AF	PROPR	IATE BOX IF A MEMBER OF A GROUP*	o (t) X
3	SEC USE ONLY				
4	CITIZENSHIP O Delaware	R PLAC	E OF ORGANIZATION		
	NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5 6 7	SOLE VOTING POWER 2,252,745 shares, of which 2,202,444 are directly are directly owned by USVP VIII AF, 21,653 ar VIII-A and 11,617 are directly owned by USVP general partner of USVP VIII, USVP VIII AF, UVIII-B, may be deemed to have sole power to vertice for the power of the	e directly own EP VIII-B. P JSVP EP VIII ote these share Young, the man ower to vote th dy owned by U e directly own EP VIII-B. P JSVP EP VIII ispose of these Rust and Youn	ed by USVP EP MG VIII, the -A and USVP EP s, and Connors, haging members ese shares. SVP VIII, 17,031 ed by USVP EP MG VIII, the -A and USVP EP shares, and g, the managing
9	AGGREGATE A REPORTING PE		BENEFICIALLY OWNED BY EACH	2,25	52,745
10	CHECK BOX IF EXCLUDES CER		GGREGATE AMOUNT IN ROW (9) HARES*		0
11	PERCENT OF C	LASS RI	EPRESENTED BY AMOUNT IN ROW 9	18.5	5%
12	TYPE OF REPO	RTING F	PERSON*	00	

1	NAME OF REPO	NAME OF REPORTING PERSON							
	Timothy	y Connor	s						
2	CHECK THE A	PPROPR	IATE BOX IF A MEMBER OF A GROUP*						
			(a)	0	(b)	X			
3	SEC USE ONLY	7							
4	CITIZENSHIP C U.S. Citizen	OR PLAC	CE OF ORGANIZATION						
	NUMBER OF SHARES	5	SOLE VOTING POWER 0 Shares						
	BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	6	SHARED VOTING POWER 2,252,745 shares, of which 2,202,444 are directly owned by USVP VIII AF, 21,653 VIII-A and 11,617 are directly owned by USV general partner of USVP VIII, USVP VIII AF, VIII-B. Connors, a managing member of PMC shared power to vote these shares.	are directl P EP VIII USVP E	y owned l I-B. PMC P VIII-A a	by USVP EP G VIII is the and USVP EP			
		7	SOLE DISPOSITIVE POWER 0 Shares						
	8		SHARED DISPOSITIVE POWER 2,252,745 shares, of which 2,202,444 are directly owned by USVP VIII AF, 21,653 VIII-A and 11,617 are directly owned by USV general partner of USVP VIII, USVP VIII AF, VIII-B. Connors, a managing member of PMC shared power to dispose of these shares.	are directl P EP VIII USVP E	y owned l I-B. PMC P VIII-A a	by USVP EP G VIII is the and USVP EP			
9	AGGREGATE A REPORTING PE		BENEFICIALLY OWNED BY EACH		2,252,74	45			
10	CHECK BOX IF EXCLUDES CE		GGREGATE AMOUNT IN ROW (9) HARES*			0			
11	PERCENT OF C	LASS R	EPRESENTED BY AMOUNT IN ROW 9		18.5%				
12	TYPE OF REPO	RTING I	PERSON*		IN				

1	NAME OF REPO		PERSON					
2	Irwin Fe		IATE BOX IF A MEMBER OF A GROUP*					
2	CHECK THE AF	PROPR	(a)	0	(b)	X		
3	SEC USE ONLY							
4	CITIZENSHIP C U.S. Citizen	R PLAC	E OF ORGANIZATION					
	NUMBER OF SHARES	5	SOLE VOTING POWER 0 Shares					
	BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH WITH SHARED VOTING POWER 2,252,745 shares, of which 2,202,444 are directly owned by 17,031 are directly owned by USVP VIII AF, 21,653 are di USVP EP VIII-A and 11,617 are directly owned by USVP VIII AF, U and USVP EP VIII-B. Federman, a managing member of P deemed to have shared power to vote these shares.					are directly owned by ISVP EP VIII-B. PMG AF, USVP EP VIII-A		
		7	SOLE DISPOSITIVE POWER 0 Shares					
	8		SHARED DISPOSITIVE POWER 2,252,745 shares, of which 2,202,444 are direct 17,031 are directly owned by USVP VIII AF, 2 USVP EP VIII-A and 11,617 are directly owne VIII is the general partner of USVP VIII, USV and USVP EP VIII-B. Federman, a managing r deemed to have shared power to dispose of the	1,653 are d by USV P VIII AF nember of	directly P EP VII , USVP I	owned by II-B. PMG EP VIII-A		
9	AGGREGATE A REPORTING PE		BENEFICIALLY OWNED BY EACH		2,252,74	45		
10	CHECK BOX IF EXCLUDES CEI		GGREGATE AMOUNT IN ROW (9) HARES*			0		
11	PERCENT OF C	LASS RI	EPRESENTED BY AMOUNT IN ROW 9		18.5%			
12	TYPE OF REPO	RTING F	ERSON*		IN			

1	NAME OF REP	ORTING	PERSON			
	Winston	ı Fu				
2	CHECK THE A	PPROPR	IATE BOX IF A MEMBER OF A GROUP*			
			(a)	0	(b)	X
3	SEC USE ONLY	7				
4	CITIZENSHIP (U.S. Citizen	OR PLAC	E OF ORGANIZATION			
	NUMBER OF	5	SOLE VOTING POWER 0 Shares			
	SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	6	SHARED VOTING POWER 2,252,745 shares, of which 2,202,444 are direct 17,031 are directly owned by USVP VIII AF, 2 USVP EP VIII-A and 11,617 are directly owne VIII is the general partner of USVP VIII, USV and USVP EP VIII-B. Fu, a managing member to have shared power to vote these shares.	1,653 are d by USV P VIII AF	directly of EP VIIIF, USVP E	owned by I-B. PMG EP VIII-A
		7	SOLE DISPOSITIVE POWER 0 Shares			
		8	SHARED DISPOSITIVE POWER 2,252,745 shares, of which 2,202,444 are direct 17,031 are directly owned by USVP VIII AF, 2 USVP EP VIII-A and 11,617 are directly owne VIII is the general partner of USVP VIII, USV and USVP EP VIII-B. Fu, a managing member to have shared power to dispose of these shares	1,653 are d by USV P VIII AF of PMG	directly of EP VIIIF, USVP E	owned by I-B. PMG EP VIII-A
9	AGGREGATE A REPORTING PE		BENEFICIALLY OWNED BY EACH		2,252,74	1 5
10	CHECK BOX IF		GGREGATE AMOUNT IN ROW (9) HARES*			0
11	PERCENT OF C	LASS R	EPRESENTED BY AMOUNT IN ROW 9		18.5%	
12	TYPE OF REPO	RTING I	PERSON*		IN	

1	NAME OF REP	ORTING	PERSON			
	Steven	M. Kraus	z			
2	CHECK THE A	PPROPR	IATE BOX IF A MEMBER OF A GROUP*	0	(b)	Х
3	SEC USE ONLY	7				
4	CITIZENSHIP (U.S. Citizen	OR PLAC	E OF ORGANIZATION			
	NUMBER OF	5	SOLE VOTING POWER 0 Shares			
	SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	PERSON 2,252,745 shares, of which 2,202,444 are directly owned by 17,031 are directly owned by USVP VIII AF, 21,653 are directly owned by USVP VIII AF, 21,653 are directly owned by USVP EP VIII-A and 11,617 are directly owned by USVP III AF, USVP VIII A				
		7	SOLE DISPOSITIVE POWER 0 Shares			
	8		SHARED DISPOSITIVE POWER 2,252,745 shares, of which 2,202,444 are direct 17,031 are directly owned by USVP VIII AF, 2 USVP EP VIII-A and 11,617 are directly owned VIII is the general partner of USVP VIII, USV and USVP EP VIII-B. Krausz, a managing mendeemed to have shared power to dispose of the	21,653 are d by USV P VIII AF mber of P	directly over the directly of EP VII of the directly of the di	owned by I-B. PMG P VIII-A
9	AGGREGATE A REPORTING PE		BENEFICIALLY OWNED BY EACH		2,252,74	15
10	CHECK BOX IF		GGREGATE AMOUNT IN ROW (9) HARES*			0
11	PERCENT OF C	CLASS R	EPRESENTED BY AMOUNT IN ROW 9		18.5%	
12	TYPE OF REPO	RTING I	PERSON*		IN	

1	NAME OF REPO	ORTING	PERSON					
	David L	iddle						
2	CHECK THE A	PPROPR	IATE BOX IF A MEMBER OF A GROUP*					
			(a)	0	(b)	X		
3	SEC USE ONLY	•						
4	CITIZENSHIP C U.S. Citizen	CITIZENSHIP OR PLACE OF ORGANIZATION U.S. Citizen						
	NUMBER OF	5	SOLE VOTING POWER 0 Shares					
	SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	wned by USVP VIII, B are directly owned by USVP EP VIII-B. PMG I AF, USVP EP VIII-A of PMG VIII, may be						
		7	SOLE DISPOSITIVE POWER 0 Shares					
		8	SHARED DISPOSITIVE POWER 2,252,745 shares, of which 2,202,444 are direct 17,031 are directly owned by USVP VIII AF, 2 USVP EP VIII-A and 11,617 are directly owned VIII is the general partner of USVP VIII, USV and USVP EP VIII-B. Liddle, a managing mendeemed to have shared power to dispose of the	21,653 ared by US' P VIII A nber of P	e directly over EP VII F, USVP E MG VIII,	owned by I-B. PMG EP VIII-A		
9	AGGREGATE A REPORTING PE		BENEFICIALLY OWNED BY EACH		2,252,74	1 5		
10	CHECK BOX IF EXCLUDES CE		GGREGATE AMOUNT IN ROW (9) HARES*			0		
11	PERCENT OF C	LASS RI	EPRESENTED BY AMOUNT IN ROW 9		18.5%			
12	TYPE OF REPO	RTING F	PERSON*		IN			

1	NAME OF REPO	NAME OF REPORTING PERSON						
	Jonatha	n D. Roo	t					
2	CHECK THE A	PPROPR	IATE BOX IF A MEMBER OF A GROUP*	0	(b)	X		
3	SEC USE ONLY	7	()		(-)			
4	CITIZENSHIP C	CITIZENSHIP OR PLACE OF ORGANIZATION U.S. Citizen						
	NUMBER OF	5	SOLE VOTING POWER 0 Shares					
	SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		SHARED VOTING POWER 2,252,745 shares, of which 2,202,444 are direct 17,031 are directly owned by USVP VIII AF, 2 USVP EP VIII-A and 11,617 are directly owned VIII is the general partner of USVP VIII, USVI and USVP EP VIII-B. Root, a managing memb deemed to have shared power to vote these share	1,653 are d by USV P VIII AF, er of PMC	directly o P EP VII , USVP E	owned by I-B. PMG P VIII-A		
		7	SOLE DISPOSITIVE POWER 0 Shares					
		8	SHARED DISPOSITIVE POWER 2,252,745 shares, of which 2,202,444 are direct 17,031 are directly owned by USVP VIII AF, 2 USVP EP VIII-A and 11,617 are directly owned VIII is the general partner of USVP VIII, USVI and USVP EP VIII-B. Root, a managing memb deemed to have shared power to dispose of thes	1,653 are d by USV P VIII AF, er of PMC	directly o P EP VII , USVP E	owned by I-B. PMG P VIII-A		
9	AGGREGATE A REPORTING PE		BENEFICIALLY OWNED BY EACH		2,252,74	5		
10	CHECK BOX IF EXCLUDES CE		GGREGATE AMOUNT IN ROW (9) HARES*			0		
11	PERCENT OF C	LASS R	EPRESENTED BY AMOUNT IN ROW 9		18.5%			
12	TYPE OF REPO	RTING I	PERSON*		IN			

1	NAME OF REPORTING PERSON									
	Christopher Rust									
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*									
			(a)	0	(b)	X				
3	SEC USE ONLY	SEC USE ONLY								
4	CITIZENSHIP C	CITIZENSHIP OR PLACE OF ORGANIZATION U.S. Citizen								
	NUMBER OF	5	SOLE VOTING POWER 0 Shares							
C	SHARES BENEFICIALLY DWNED BY EACH REPORTING PERSON WITH	6	SHARED VOTING POWER 2,252,745 shares, of which 2,202,444 are directly owned by USVP VIII, 17,031 are directly owned by USVP VIII AF, 21,653 are directly owned by USVP EP VIII-A and 11,617 are directly owned by USVP EP VIII-B. PMG VIII is the general partner of USVP VIII, USVP VIII AF, USVP EP VIII-A and USVP EP VIII-B. Rust, a managing member of PMG VIII, may be deemed to have shared power to vote these shares.							
		7	SOLE DISPOSITIVE POWER 0 Shares							
		8	SHARED DISPOSITIVE POWER 2,252,745 shares, of which 2,202,444 are directly owned by USVP VIII, 17,031 are directly owned by USVP VIII AF, 21,653 are directly owned by USVP EP VIII-A and 11,617 are directly owned by USVP EP VIII-B. PMG VIII is the general partner of USVP VIII, USVP VIII AF, USVP EP VIII-A and USVP EP VIII-B. Rust, a managing member of PMG VIII, may be deemed to have shared power to dispose of these shares.							
9		AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON								
10	CHECK BOX IF EXCLUDES CE		GGREGATE AMOUNT IN ROW (9) HARES*	0						
11	PERCENT OF C	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 18.5%								
12	TYPE OF REPO	TYPE OF REPORTING PERSON*			IN					

1		NAME OF REPORTING PERSON Philip M. Young									
2	-	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*									
n	CEC LICE ONLY	<u> </u>	(a)	0	(b)	X					
3	SEC USE OINLY	EC USE ONLY									
4	CITIZENSHIP C U.S. Citizen	CITIZENSHIP OR PLACE OF ORGANIZATION U.S. Citizen									
	NUMBER OF	5	SOLE VOTING POWER 0 Shares								
	SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		SHARED VOTING POWER 2,252,745 shares, of which 2,202,444 are directly owned by USVP VIII, 17,031 are directly owned by USVP VIII AF, 21,653 are directly owned by USVP EP VIII-A and 11,617 are directly owned by USVP EP VIII-B. PMG VIII is the general partner of USVP VIII, USVP VIII AF, USVP EP VIII-A and USVP EP VIII-B. Young, a managing member of PMG VIII, may be deemed to have shared power to vote these shares.								
		7	SOLE DISPOSITIVE POWER 0 Shares								
		8	SHARED DISPOSITIVE POWER 2,252,745 shares, of which 2,202,444 are directly owned by USVP VIII, 17,031 are directly owned by USVP VIII AF, 21,653 are directly owned by USVP EP VIII-A and 11,617 are directly owned by USVP EP VIII-B. PMG VIII is the general partner of USVP VIII, USVP VIII AF, USVP EP VIII-A and USVP EP VIII-B. Young, a managing member of PMG VIII, may be deemed to have shared power to dispose of these shares.								
9	AGGREGATE A REPORTING PE		2,252,745								
10	CHECK BOX IF EXCLUDES CE		0								
11	PERCENT OF C	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 18.5%									
12	TYPE OF REPO	TYPE OF REPORTING PERSON*			IN						

This Amendment No. 1 amends the Statement on Schedule 13G previously filed by Presidio Management Group VIII, L.L.C., a Delaware limited liability company, U.S. Venture Partners VIII, L.P., a Delaware limited partnership, USVP VIII Affiliates Fund, L.P., a Delaware limited partnership, USVP Entrepreneur Partners VIII-A, L.P., a Delaware limited partnership, U.S. Entrepreneur Partners VIII-B, a Delaware limited partnership, Timothy Connors, Irwin Federman, Winston Fu, Steven M. Krausz, David Liddle, Jonathan D. Root, Christopher Rust and Philip M. Young. The foregoing entities and individuals are collectively referred to as the "Reporting Persons". Only those items as to which there has been a Change are included in this Amendment No. 1.

ITEM 4. <u>OWNERSHIP</u>

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1. The following information with respect to the ownership of Common Stock of the issuer by the persons filing this statement is provided as of December 31, 2006.

(a) Amount beneficially owned:

See Row 9 of cover page for each Reporting Person.

(b) Percent of Class:

See Row 11 of cover page for each Reporting Person.

- (C) <u>Number of shares as to which such person has:</u>
 - (i) Sole power to vote or to direct the vote:

 See Row 5 of cover page for each Reporting Person.
 - (ii) Shared power to vote or to direct the vote:

 See Row 6 of cover page for each Reporting Person.
 - (<u>iii</u>) Sole power to dispose or to direct the disposition of: See Row 7 of cover page for each Reporting Person.
 - (iv) Shared power to dispose or to direct the disposition of:

 See Row 8 of cover page for each Reporting Person.

SIGNATURES

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 22, 2007

U.S. VENTURE PARTNERS VIII, L.P.

By Presidio Management Group VIII, L.L.C.

Its General Partner

/s/ Michael Maher

Signature

Michael Maher

Chief Financial Officer/Attorney-In-Fact*

USVP VIII Affiliates Fund, L.P.

By Presidio Management Group VIII, L.L.C.

Its General Partner

/s/ Michael Maher

Signature

Michael Maher

Chief Financial Officer/Attorney-In-Fact*

USVP Entrepreneur Partners VIII-A, L.P.,

By Presidio Management Group VIII, L.L.C.

Its General Partner

/s/ Michael Maher

Signature

Michael Maher

Chief Financial Officer/Attorney-In-Fact*

USVP Entrepreneur Partners VIII-B- L.P.,

By Presidio Management Group VIII, L.L.C.

Its General Partner

/s/ Michael Maher

Signature

Michael Maher

Chief Financial Officer/Attorney-In-Fact*

PRESIDIO MANAGEMENT GROUP VIII, L.L.C.

A Delaware Limited Liability Company

/s/ Michael Maher

Signature

Michael Maher

Chief Financial Officer/Attorney-In-Fact*

Timothy Connors /s/ Michael Maher

Michael Maher Attorney-In-Fact* Irwin Federman /s/ Michael Maher

Michael Maher Attorney-In-Fact*

Winston Fu /s/ Michael Maher

Michael Maher Attorney-In-Fact*

Steven M. Krausz /s/ Michael Maher

Michael Maher Attorney-In-Fact*

David Liddle /s/ Michael Maher

Michael Maher Attorney-In-Fact*

Jonathan D. Root /s/ Michael Maher

Michael Maher Attorney-In-Fact*

Christopher Rust /s/ Michael Maher

Michael Maher Attorney-In-Fact*

Philip M. Young /s/ Michael Maher

Michael Maher Attorney-In-Fact*

*Signed pursuant to a Power of Attorney already on file with the appropriate agencies.

The original statement shall be signed by each person on whose behalf the statement is filed or his authorized representative. If the statement is signed on behalf of a person by his authorized representative other than an executive officer or general partner of the filing person, evidence of the representative's authority to sign on behalf of such person shall be filed with the statement, provided, however, that a power of attorney for this purpose which is already on file with the Commission may be incorporated by reference. The name and any title of each person who signs the statement shall be typed or printed beneath his signature.

NOTE: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. *See* §240.13d-7 for other parties for whom copies are to be sent.

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See 18 U.S.C. 1001)

CUSIP NO. 04963C209 13 G Page 18 of 19

EXHIBIT INDEX

Found on Sequentially

<u>Numbered Page</u>

Exhibit A: Agreement of Joint Filing 19

EXHIBIT A

Agreement of Joint Filing

The Reporting Persons hereby agree that a single Schedule 13G (or any amendment thereto) relating to the Common Stock of AtriCure, Inc. shall be filed on behalf of each of the Reporting Persons. Note that copies of the applicable Agreement of Joint Filing are already on file with the appropriate agencies.