SIMTEK CORP Form SC 13G/A February 18, 2004

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

SCHEDULE 13G (Rule 13d-102)

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

(Amendment No.5)

Simtek Corporation		
(Name of Issuer)		
Common Stock		
(Title of Class of Securities)		
829204106		
(CUSIP Number)		
CUSIP No. 829204106 13G	Page 2	of 5 Pages
1. NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY))	
Renaissance Capital Growth and Income Fund III, Inc.		75-2533518
2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*	(a) (b)	
3. SEC USE ONLY		
4. CITIZENSHIP OR PLACE OF ORGANIZATION		
Texas		
NUMBER OF 5. SOLE VOTING POWER		
SHARES 5,005,789		

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BENEF	FICIALLY	6.	SHARED VOTING POWER	
NO	NED BY		None	
E	EACH	7.	SOLE DISPOSITIVE POWER	
REF	PORTING		5,005,789	
PE	ERSON	8.	SHARED DISPOSITIVE POWER	
V	NITH		None	
9.	AGGREGATE	AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PER	
	5,005,789			
10.	CHECK BOX	IF T	HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CER	TAIN SHARES*
	[-]			
11.			SS REPRESENTED BY AMOUNT IN ROW 9	
	8.83%			
12.	TYPE OF R	EPORT	ING PERSON*	
	IV			
			*SEE INSTRUCTIONS BEFORE FILLING OUT!	
CUSIF	P No. 8292	04106	13G	Page 3 of 5 Pages
Item	1(a). Na	me of	Issuer:	
	Si	mtek	Corporation ("Company")	
Item	1(b). Ad	dress	of Issuer's Principal Executive Offices:	
			ckingham Drive, #100 o Springs, CO 80907	
Item	2(a). Na		Person Filing:	
	Re		ance Capital Growth & Income Fund III, Inc.	
Item	2 (b) . Ad		of Principal Business Office, or if None,	

			8080 N. Central Expressway, Suite 210, LB-59 Dallas, TX 75206						
Item	2(c).		Citizenship: Texas						
Item	2(d).		tle of Class of Securities:						
Item	2(e).		CUSIP Number: 829204106						
Item	3.		This Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) (c), Check Whether the Person Filing is a:						
	(a)	[_]	Broker or dealer registered under Section 15 of the Exchange Act.						
	(b)	[_]	Bank as defined in Section 3(a)(6) of the Exchange Act.						
	(c)	[_]	Insurance company as defined in Section 3(a)(19) of the Exchange Act.						
	(d)	[X]	Investment company registered under Section 8 of the Investment Company Act.						
	(e)	[_]	An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);						
	(f)	[_]	An employee benefit plan or endowment fund in accordance with Rule $13d-1$ (b) (1) (ii) (F);						
	(g)	[_]	A parent holding company or control person in accordance with Rule $13d-1(b)(1)(ii)(G);$						
	(h)	[_]	A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act;						
	(i)	[_]	A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act;						
	(j)	[_]	Group, in accordance with Rule 13d-1(b)(1)(ii)(J).						
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Item 4. Ownership.

(a) Amount beneficially owned: 5,005,789 Consists of 1,550,661 shares of common stock, a \$1,000,000 7.5% Convertible Debenture, convertible at any time at a rate of \$0.312 per share, warrants to purchase 125,000 shares of common stock exerciseable at \$1.25 per share and warrants to purchase 125,000 shares of common stock exerciseable at \$1.50 per share. (b) Percent of class: 8.83% (c) Number of shares as to which such person has: Sole power to vote or to direct the vote 5,005,789 (ii) Shared power to vote or to direct the vote None (iii) Sole power to dispose or to direct the disposition of 5,005,789 Shared power to dispose or to direct the disposition of None Item 5. Ownership of Five Percent or Less of a Class. 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 []. 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 or Control Person. Not Applicable ______ Item 8. Identification and Classification of Members of the Group. Not Applicable _____1____ Item 9. Notice of Dissolution of Group.

Not Applicable

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Item 10. Certifications.

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

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SIGNATURE

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

Date: February 16, 2004

Renaissance Capital Growth & Income Fund III, Inc.

/s/ Russell Cleveland

Russell Cleveland, President