ANGEION CORP/MN Form SC 13G February 12, 2007

#### SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G (Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT

	TO RULES 13d-1 (	b) (c), AND (d) A PURSUANT TO RULE	ND AMENDMENTS THER 13d-2 (b)	ETO FILED	
		Angeion Corp	oration		
		(Name of Is	suer)		
		Common Stock, \$0.	10 par value		
	(	Title of Class of	Securities)		
		03462Н4	0 4		
		(CUSIP Num	ber)		
		November 13	, 2006		
	(Date of Ever	t which Requires	Filing of this Sta	tement)	
Check is fi	the appropriate box led:	to designate the	rule pursuant to w	hich this Schedule	
	X  Rule 13d-1(b  _  Rule 13d-1(c  _  Rule 13d-1(c	:)			
initia for a	remainder of this cov al filing on this for ny subsequent amendme osures provided in a	m with respect to nt containing inf	the subject class	of securities, and	
to be 1934	nformation required of "filed" for the purp ("Act") or otherwise hall be subject to al	ose of Section 18 subject to the li	of the Securities abilities of that :	Exchange Act of section of the Act	
CUSIP	No. 03462H404	13G		Page 2 of 8 Pages	
1.	. NAMES OR REPORTING PERSONS S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS				
	Renaissance Technolo	gies Corp.	13-3127734		
2.	CHECK APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS):  (a)  _   (b)  _				
3.	SEC USE ONLY				

4.	CITIZENS	HIP O	R PLACE OF ORGANIZATION		
	Delaware				
		5.	SOLE VOTING POWER		
SHARES BENEFICIALLY			241,700		
		6.	SHARED VOTING POWER		
			0		
E	OWNED BY EACH		SOLE DISPOSITIVE POWER		
REPORTING PERSON			241,700		
W.	WITH		SHARED DISPOSITIVE POWER		
			0		
9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		NC			
	241,700				
10.	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)  _				
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)				
	6.66%				
12.	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)				
IA					
			Page 2 of 8 Pages		
CUSIP	No. 0346	2H404	13G Pa	age 3 of 8 Pages	
1.	NAMES OR REPORTING PERSONS S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS				
	James H. Simons				
	CHECK APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS):  (a)  _   (b)  _				
3.	SEC USE ONLY				
4.	CITIZENS	 HIP 0	R PLACE OF ORGANIZATION		
	United States				

		5.	SOLE VOTING POWER				
SHARES BENEFICIALLY OWNED BY			241,700				
		6.	SHARED VOTING POWER				
			0				
		7.	SOLE DISPOSITIVE POWER				
			241,700				
			3. SHARED DISPOSITIVE POWER				
			0				
9.	AGGRE	GATE AMOU	JNT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
	241,7						
10.	CHECK	K IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES INSTRUCTIONS)  _					
11.	PERCE	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)					
	6.66%						
12.	TYPE	OF REPOR	FING PERSON (SEE INSTRUCTIONS)				
IN							
			Page 3 of 8 Pages				
CUSIE	No. 0	3462H404	13G Page 4 of 8 Pages				
Item	1.						
	(a)	Name of	Issuer.				
		Angeion	Corporation				
	(b)	Address	dress of Issuer's Principal Executive Offices.				
			Grove Parkway aul, Minnesota 55127-8599				
Item	2.						
	(a)	Name of	Person Filing.				
			nedule 13G is being filed by Renaissance Technologies Corp. and James H. Simons ("Simons").				
	(b)	Address	of Principal Business Office or, if none, Residence.				
		The pri	ncipal business address of the reporting persons is:				

800 Third Avenue New York, New York 10022

(c) Citizenship.

 $\ensuremath{\mathsf{Dr}}\xspace.$  Simons is a United States citizen and RTC is a Delaware corporation

(d) Title of Class of Securities.

Common Stock, \$0.10 par value

(e) CUSIP Number.

03462H404

#### Page 4 of 8 Pages

- - (a)  $|\_|$  Broker or dealer registered under Section 15 of the Act.
  - (b) |\_| Bank as defined in Section 3(a)(6) of the Act.
  - (c)  $|\_|$  Insurance Company as defined in Section 3(a)(19) of the Act.
  - (d)  $\mid$  Investment Company registered under Section 8 of the Investment Company Act.
  - (e) |X| Investment Adviser in accordance with Sec. 240.13d-1(b)(1)(ii)(E).
  - (f)  $\mid$  Employee Benefit Plan or Endowment Fund in accordance with Sec. 240.13d1(b)(1)(ii)(F).
  - (g) |\_| Parent holding company, in accordance with Sec. 240.13d-1(b)(ii)(G).
  - (h)  $\mid$  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 of 1940.
  - (j) |\_| Group, in accordance with Sec. 240.13d-1(b)(1)(ii)(J).
- If this statement is filed pursuant to Sec. 240.13d-1(c), check this box  $|_{-}|$ .

#### Item 4. Ownership

(a) Amount Beneficially Owned.

RTC: 241,700 shares

Simons: 241,700 shares, comprising the shares beneficially owned by RTC, because of Dr. Simons' position as control person of RTC.

- (b) Percent of Class. RTC: 6.66% Simons: 6.66%
- (c) Number of shares as to which each such person has
  - (i) sole power to vote or to direct the vote: RTC: 241,700 Simons: 241,700
  - (ii) shared power to vote or to direct the vote:

(iii) sole power to dispose or to direct the

disposition of: RTC: 241,700 Simons: 241,700

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

0

Page 5 of 8 Pages

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  $\mid \_ \mid$ 

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Certain funds and accounts managed by RTC have the right to receive dividends and proceeds from the sale of the securities which are the subject of this report. RIEF Trading LLC holds of record more than 5% of such securities.

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.

Item 9. Notice of Dissolution of Group.

Not applicable.

Page 6 of 8 Pages

Item 10. Certification.

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 that purpose or effect.

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 12, 2007

/s/ James H. Simons

James H. Simons

Renaissance Technologies Corp.

By: /s/ Mark Silber

-----

Mark Silber Vice President

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

Page 7 of 8 Pages