### ASIAINFO HOLDINGS INC Form SC 13G February 13, 2008

# 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) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2 (b)

	ASIAINFO H	OLDINGS, INC											
	(Name o	f Issuer)											
	Commo	n Stock											
(Title of Class of Securities)  04518A104  (CUSIP Number)													
							May 16, 2007						
								(Date of Event which Requi	res Filing of this	Statement)			
Check is fi	ck the appropriate box to designate filed:   X  Rule 13d-1(b)   _  Rule 13d-1(c)   _  Rule 13d-1(d)	the rule pursuant	to which this Schedule										
*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.													
to be 1934	information required on the remaind be "filed" for the purpose of Section ("Act") or otherwise subject to the shall be subject to all other provinces).	n 18 of the Securi e liabilities of t	ities Exchange Act of that section of the Act										
	P No. 04518A104 1	3G	Page 2 of 8 Pages										
1.	NAMES OR REPORTING PERSONS S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS												
	Renaissance Technologies LLC	26-0385	5758										
2.	CHECK APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS):  (a)  _   (b)  _												
3	SEC USE ONLY												

4.	CITIZENSHIP OR PLACE OF ORGANIZATION				
	Delaware				
		5.	SOLE VOTING POWER		
SHARES BENEFICIALLY OWNED BY			2,350,203		
		6.	SHARED VOTING POWER		
			0		
		7.	SOLE DISPOSITIVE POWER		
			2,350,203		
		8.	SHARED DISPOSITIVE POWER		
			0		
9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON				.CH REPORTING PERSON	
	2,350,203				
10.	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)				
11.	PERCENT	OF CL	SS REPRESENTED BY AMOUNT IN		
	5.24%				
12.	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)				
	IA				
			Page 2 of 8 Page	es	
CUSIP	No. 0451		13G	Page 3 of 8 Pages	
1.	NAMES OR REPORTING PERSONS S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS				
	James H. Simons				
2.	CHECK APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS):  (a)  _  (b)  _				
3.	SEC USE ONLY				
4.	CITIZENSHIP OR PLACE OF ORGANIZATION				

United States 5. SOLE VOTING POWER 2,350,203 \_\_\_\_\_ NUMBER OF 6. SHARED VOTING POWER BENEFICIALLY \_\_\_\_\_\_ OWNED BY 7. SOLE DISPOSITIVE POWER EACH REPORTING 2,350,203 PERSON \_\_\_\_\_\_ WITH 8. SHARED DISPOSITIVE POWER 9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,350,203 10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) \_\_\_\_\_\_ 11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 5.24% \_\_\_\_\_ 12. TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN Page 3 of 8 Pages CUSIP No. 04518A104 13G Page 4 of 8 Pages \_\_\_\_\_\_ Item 1. (a) Name of Issuer. ASIAINFO HOLDINGS, INC (b) Address of Issuer's Principal Executive Offices. 4TH FLOOR, ZHONGDIAN INFORMATION TOWER 6 ZHONGGUANCUN SOUTH STREET, HAIDIAN DISTRICT BEIJING 100086, CHINA Item 2. (a) Name of Person Filing. This Schedule 13G is being filed by Renaissance Technologies LLC ("RTC") and James H. Simons ("Simons").

Address of Principal Business Office or, if none, Residence.

(b)

The principal business address of the reporting persons is:

800 Third Avenue New York, New York 10022

(c) Citizenship.

Dr. Simons is a United States citizen and RTC is a Delaware limited liability company

(d) Title of Class of Securities.

Common Stock

(e) CUSIP Number.

04518A104

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- - (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.

  - (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: 2,350,203 shares

Simons: 2,350,203 shares, comprising the shares beneficially owned by RTC, because of Dr. Simons' position as control person of RTC.

- (b) Percent of Class. RTC: 5.24% Simons: 5.24%
- (c) Number of shares as to which each such person has
  - (i) sole power to vote or to direct the vote: RTC: 2,350,203

Simons: 2,350,203

(ii) shared power to vote or to direct the vote: 0

(iii) sole power to dispose or to direct the disposition of:

RTC: 2,350,203 Simons: 2,350,203

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

0

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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.

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.

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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, I certify that the information set forth in this statement is true, complete and correct.

Date: February 12, 2008

Tamos II Cimons

James H. Simons

Renaissance Technologies LLC

By: /s/ Mark Silber

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Mark Silber Executive Vice President

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

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