2-26-03



No. 65206

FORM PTO-1595 (Substitute)	RECORDATION	0298392	J.S. DEPARTMENT OF COMMERCE
(Rev. 8-96)	PATE	102388392	Patent and Trademark Office
To the Honorable Commissioner of Patents and T	Frademarks. Please		
Name of conveying party(ies):		2. Name and address of receiv	ing party(ies):
Zhuo MENG and Yoh-Han PAO		Name: Computer As:	sociates Think, Inc.
		Internal Address:	
		Street Address: One Co	omputer Associates
Additional name(s) of conveying party(ies) attached?  Yes No		Plaza	2
			lia, New York 11749
3. Nature of Conveyance:			in the state of th
Assignment Merg	jer		Pia, New York 11749
Security Assignment Char	nge of Name		03
Other		Additional assessor to Consider a con-	
Execution Date(s):		Additional name(s) & address(	es) attached? Yes No
4. Application number(s) or patent number(s): If t	this document is be	ing filed together with a new applica	ition, the execution date(s) of the
application is (are): January 29, 200			
A. Patent Application No.(s)		B. Patent No.(s)	
		D. Palent No.(5)	
(0374406			
Name and address of party to whom correspon	additional numbers andence concerning		
document should be mailed:		6. Total number of application	s and patents involved: 1.
Name: Paul Teng		7. Total fee (37 CFR §3.41):.	\$ 40.00
		Enclosed	
Internal Address: Cooper & Dunham LLP			
1185 Avenue of the Americas		Authorized to be charged to deposit account	
City/State/Zip: New York, New York		_	
Chyrolateizip. New 101 K, New 101	_K 10050	8. Deposit account number:	
		03-3125	
	DO NOT	HIGE THIS SDACE	
Statement and signature.	DO NOT	USE THIS SPACE	
To the best of my knowledge and belief	f, the foregoing info	rmation is true and correct and any	attached copy is a true copy of the
original document.	1		Fob. 2002
Paul Terig  Name of Person Signing	- 7 aux	Signatura	February 26, 2003  Date
		Total Number of pages including	ng cover sheet, attachments and
		document: 4	ig object sheet, attachments and
2/2003 GTQN11 00000152 033125 10374406	)		
C:8021 40.00 CH	/		
,			
OMB No. 0651-0011 (exp. 4/94)			
		with required cover sheet informati f Patents and Trademarks	on to:
		Assignments	

## **ASSIGNMENT**

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, I, the undersigned,

Zhuo Meng, now residing at:

8374 Chestnut Blvd.,

Broadview Heights, Ohio 44147; and

Yoh-Han Pao, now residing at:

2721 Scarborough Road,

Cleveland Heights, Ohio 44106

Hereby sell, assign and transfer to Computer Associates Think, Inc., a Delaware corporation, having a place of business at One Computer Associates Plaza, Islandia, New York 11749, its successors, assigns and legal representatives, my entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed, in the patent applications identified in Appendix A, and in and to said applications and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will,

PATENT REEL: 013830 FRAME: 0094 for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

**COVENANT** with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 29, 2003	Price leg-
Duic.	Zhuo Meng
Witness: Chin; EU Jane	
January Skan	
Date: 18 thereay 29 January 2013	Yoh-Han Pao
Witness: Cheryed, Sange	

REEL: 013830 FRAME: 0095

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## APPENDIX A

- 1. U.S. Provisional Application No. 60/374,064, entitled "PROCESSING MIXED NUMERIC AND/OR NON-NUMERIC DATA" and filed April 19, 2002.
- 2. U.S. Provisional Application No. 60/374,020, entitled "AUTOMATIC NEURAL-NET MODEL GENERATION AND MAINTENANCE" and filed April 19, 2002.
- 3. U.S. Provisional Application No. 60/374,024, entitled "VIEWING MULTI-DIMENSIONAL DATA THROUGH HIERARCHICAL VISUALIZATION" and filed April 19, 2002.
- 4. U.S. Provisional Application No. 60/374,041, entitled "METHOD AND APPARATUS FOR DISCOVERING EVOLUTIONARY CHANGES WITHIN A SYSTEM" and filed April 19, 2002.
- 5. U.S. Provisional Application No. 60/373,977, entitled "AUTOMATIC MODEL MAINTENANCE THROUGH LOCAL NETS" and filed April 19, 2002.
- 6. U.S. Provisional Application No. 60/373,780, entitled "USING NEURAL NETWORKS FOR DATA MINING" and filed April 19, 2002.
- 7. U.S. Serial No. TBD, entitled "AUTOMATIC NEURAL-NET MODEL GENERATION AND MAINTENANCE" which was executed by the above concurrently herewith.

PATENT REEL: 013830 FRAME: 0096

**RECORDED: 02/26/2003**