огтл РТО-1595 (Rev. 08/05) МВ No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office	
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PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below.	
Name of conveying party(les):	2. Name and address of receiving party(les)	
Ricardo BARATTO	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE Name: CITY OF NEW YORK	
Jason NIEH	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes X No	Street Address:	
3. Nature of conveyance/Execution Date(s):	7	
Execution Date(s): April 19, 2006	412 Low Memorial Library	
	535 West 116th Street	
片 " 니슈 너 "		
Security Agreement Joint Research Agreement	City: New York	
Government Interest Assignment	State: New York	
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 10027	
Other	Additional name(s) & address(es) Yes X No	
Other	attached?	
4. Application or patent number(s):	This document is being filed together with a new application.	
A. Patent Application No.(s)	B. Patent No.(s)	
11/221,475		
Additional augulare attached	 ?	
Additional numbers attached	l? Yes X No	
 Name and address to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved:	
Name: Matthew T. Byrne		
WILMER CUTLER PICKERING HALE AND	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
DORR LLP		
Internal Address: Atty. Dkt.: 19240.289-US2	Authorized to be charged by credit card	
Street Address: 399 Park Avenue	x Authorized to be charged to deposit account	
	Enclosed	
	None required (government interest not affecting title	
	Molie tedrillen (Annettinger interest unt augenis ann	
City: New York	8. Payment Information	
State: NY Zip: 10022	a. Credit Card Last 4 Numbers	
Phone Number: (212) 230-8800	Expiration Date	
Fax Number: (212) 230-8888	b. Deposit Account Number 08-0219	
Email Address: matthew.byrne@wilmerhale.com	Authorized User Name Matthew T. Byrne	
9. Signature:	-	
N (HOH	A:1 07, 2006	
Signature	April 27, 2006	
000	The second secon	
Matthew T. Byrne - 40,934 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:	
Name of Forom againg	-	
I hereby certify that this paper (along with any paper referred to as their	g attached or enclosed) is being transmitted by facsimile to the Patent and	
Trademark Office, facsimile no. (571) 273-0140, on the date shows the lo	AND THE PROPERTY OF THE PROPER	
Dated: April 27, 2006 Signatyire:	(Matthew T. Byrne)	

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PATENT REEL: 017550 FRAME: 0696

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Attorney Docket No.: 19240.289-US2

ASSIGNMENT

72 4/19/2006

WHEREAS, we, Ricardo Baratto, residing at 511 West 113th Street, Apt. B, New York, NY 10025
USA and Jason Nieh, residing at 423 West 120th Street, #97, New York, NY 10027 USA

(collectively the "Assignors") are the inventors of a certain new and useful invention and discovery, for which a patent application entitled "THIN-CLIENT NETWORK COMPUTING METHOD AND SYSTEM" was filed with the United States Patent and Trademark Office on September 8, 2005 as U.S. Patent Application No. 11/221,475 ("the Application").

WHEREAS, The Trustees of Columbia University in the City of New York, existing under the laws of the State of New York, having its principal office at 110 Low Memorial Library, 535 West 116 th Street, New York, NY 10027, which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignors hereby assign to Assignee all of Assignors' right, title and interest in and to the Invention, all improvements therein, the Application and all priority rights arising therefron; and any applications and/or patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (including utility applications, divisionals, continuations; continuations-in-part, international applications and/or any foreign regional and/or national applications), or any application based in whole or in part on any of the foregoing.

Assignors agree that such Assignors and Assignors' heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignors relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Assignors further agree that such Assignors will, without further compensation to Assignors during the term of such Assignors' employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations

UStDOCS 5353907v1

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Assignment

U.S. Patent Application No.: 11/221,475

Attorney Docket No.: 19240,289-US2

and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

	ιά
IN TESTIMONY WHEREOF, I have h	ereunto set my hand and scal this 19 day of
4/2006 (Month/Year)	
· ·	()
	Ricardo Baratto
On this day of 4 12006	(Month/Year), Ricardo Baratto personally known cuted the foregoing Assignment, and who acknowledged to
to me to be the same individual who eve	mited the forencing Assistance and the estimated the forencing Assistance and the sales are sa
me that execution of the come was of Li	sented the totagoing Assignment, and who acknowledged to
me mat exception of the saille May of the	s own free will for the use and purposes therein set forth.
	The same of the sa
	WITNESS:
	Printed Name: DAN RECURS.
	Residential Address: 73 Ela St. Apt. 2
	Martalan, NJ 07092
	', '
TRY STITUTE OF COMMENT	, , , , ,
IN TESTIMONY WHEREOF, I have h	ercunto set my hand and scal this 17 day of
4/2006 (Month/Year)	Market
	Jason Nieh
15	
On this day of 4/2006	(Month/Year), Jason Nieh, personally known to me
to be and addition to a state of the factorior	me relevantik vissikinnent siid muoliseknomisuksu to me mai
execution of the same was of his own fr	ee will for the use and purposes therein set forth.
	Committee
	WITNESS:
	Printed Name: DAN PHUNG
	Residential Address: 73 Elaist, Mat 2
	Martelan NT 07042
	TOTTINE OF OTE

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RECORDED: 04/27/2006

TOTAL P 07

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