

RECORDATION FORM COVER SHEET

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

1. Name of conveying party(ies): Hung Q. Le, Dung Q. Nguyen, Brian W. Thompto Raymond C. Yeung	2. Name and address of receiving party(ies): Name: SEE ATTACHED Internal Address: Street Address: City: State: Zip: Additional name(s)/address(es) attached: Yes
Additional names attached? No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: March 23, 2005	
4. Application number(s) or patent number(s) If this document is being filed together with a new application, the execution date of the application is _____.	
A. Patent Application No(s). 11/056,691	B. Patent No(s).
Additional numbers attached? No	
5. Name and address of party to whom correspondence concerning document should be mailed: Mark D. Simpson, Esq. Synnestvedt & Lechner LLP 2600 Aramark Tower 1101 Market Street Philadelphia, PA 19107-2950 (215) 923-4466 Registration No. 32,942	6. Total number of applications and patents involved: (1) 7. Total fee (37 CFR 3.41) \$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit Account No. 09-0447 (attach duplicate copy if paying by deposit account)

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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Mark D. Simpson
Name of Person Signing

Mark D. Simpson
Signature

MAY 14, 2005
Date

Total number of pages including this cover sheet, attachments and documents: (5)

Form PTO-1595

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PATENT
REEL: 016219 FRAME: 0174

CH \$40.00 090447 11056691

3/2005 09:28 FAX 2159232189

SYNNESTVEDT & LECHNER

003/008

Attorney Docket No. AUS920041086US1

ATTACHMENT TO ASSIGNMENT RECORDATION FORM COVER SHEET

Continuation of Box 2:

Name and address of receiving party:

INTERNATIONAL BUSINESS MACHINES CORPORATION

Internal Address:

Street Address: New Orchard Road

City: Armonk

State: New York

Zip: 10504

PATENT
REEL: 016219 FRAME: 0175

IBM DOCKET NO. AUS920041086US1

ASSIGNMENT

Whereas, we,

(1) Hung Q. Le
County of Travis

of Austin
and State of Texas

and
(2) Dung Q. Nguyen
County of Travis

of Austin
and State of Texas

and
(3) Brian W. Thompto
County of Travis

of Austin
and State of Texas

and
(4) Raymond C. Yeung
County of ~~Travis~~
Williamson *Rey*

of ~~Austin~~ *Round Rock* *Rey*
and State of Texas

have invented certain improvements in

**DYNAMIC RECALCULATION OF RESOURCE VECTOR AT ISSUE QUEUE FOR
STEERING OF DEPENDENT INSTRUCTIONS**

and executed a United States patent application therefore on *(Date Inventor Signed Declaration)*

- (1) 3/23, 2005; and (2) 3/23, 2005; and
(3) 3/23, 2005; and (4) 3/23, 2005.

IBM DOCKET NO. AUS920041086US1

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now, therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(1) Signed at Austin on 3/23, 2005.
(city)

Hung Q. Le
Hung Q. Le

(2) Signed at Austin on 3/23, 2005.
(city)

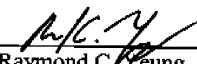
Dung Q. Nguyen
Dung Q. Nguyen

(3) Signed at Austin, TX on 3-23, 2005.
(city)

Brian W. Thompto
Brian W. Thompto

IBM DOCKET NO. AUS920041086US1

(4) Signed at Austin, Tx on 3/23, 2005.
(city)



Raymond C. Yeung

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