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Danny Yen-Fu Chen Ta-Wei Lin	Name: International Business Machines Corporation
Chih-Wen Su Meng Li Wong	Internal Address:
Additional name(s) of conveying party(iss) attached? Yes X No	
3. Nature of conveyance/Execution Date(s):	Street Address: New Orchard Road
Execution Date(s) July 30, 2009	
	City: Armonk
Joint Research Agreement	State: New York
Government Interest Assignment	-
Executive Order 9424, Confirmatory License	Country: <u>us</u> Zip: <u>10504</u>
Other Document ID No. 500962796	Additional name(s) & address(es) attached? Yes X No
4. Application or patent number(s):	document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
12/559,984	
Additional numbers att	tached? Yes No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name Eustace P. Isidore	7. Total fee (37 CFR 1.21(h) & 3.41) \$
Internal Address Dillon & Yudell LLP	Transition (5) 57 17 12 1(1) 5 5111/ 1
	Authorized to be charged to deposit account
Street Address:8911 N. Capital of Texas Hwy.	Enclosed
Suite 2110	None required (government interest not affecting title)
City: Austin	8. Payment Information
State: <u>Texas</u> Zip7 <u>8759</u>	
Phone Number <u>512-343-6116</u>	
Fax Number: 512-343-6446	Deposit Account Number09-0457
Email Address: ramdeen@dillonyudell.com	Authorized User Name <u>Dillon & Yudell</u>
9. Signature:	
/Eustace P. Isidore/ Signature	2009-10-05 Date
Eustace P. Isidore Name of Person Signing	Total number of pages Including cover sheet, attachments, and documents;

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22312-1450

IBM DOCKET NUMBER: AUS920080296US1

ASSIGNMENT

Whereas, the undersigned Inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

Title of the Invention: IMAGE RESCALE BASED ON DEFINED CHARACTERISTICS

and further identified by the IBM Docket Number provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently herewith or was filed having:

Serial Number: 12/559,984 (insert series code and serial number here if/when available)

Whereas, International Business Machines Corporation, a corporation of New York having a place of business at Armonk, New York (herein referred to as "IBM"), desires to acquire, and each undersigned Inventor desires to grant to IBM, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned Inventor ("ASSIGNOR") hereby sells, assigns, and otherwise transfers to IBM (the "ASSIGNEE"), its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned Inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to IBM, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by IBM, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned Inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in IBM, its successors, legal representatives, and assigns, whenever requested by IBM, its successors, legal representatives, or assigns.

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[Inventor Signature Pages Follow]

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Signature:

Danny Yen-Fu Chen

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Executed by Inventor 2 of 4

Signature:_

Ta-Weilin Date: Tuly 30th, >007

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Child Win Su Date: July 30th 2009 Child-Wen Su

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Executed by Inventor 4 of 4

Signature: _

Meng Li Wong

Date: 2009.0

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RECORDED: 09/15/2009

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