

PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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Al Chakra	09/04/2011
Yuping C. Wu	09/06/2011
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13174678
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PATENT
REEL: 026922 FRAME: 0754

ASSIGNMENT OF PATENT APPLICATION

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

Working sets of sub-application programs of application programs currently running on computing system

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: 13/174,678 (insert series code and serial number here if/when available)

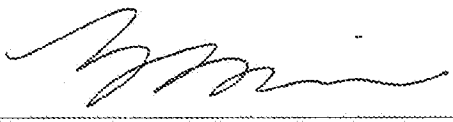
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Each undersigned Inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to IBM and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned Inventor also hereby grants IBM, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent application Serial Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

[Inventor Signature Pages Follow]

Executed by Inventor 1 of 3

Signature:  Date: 9/6/2011
Yongcheng Li

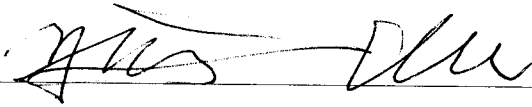
Executed by Inventor 2 of 3

Signature: Al Chakra
Al Chakra

Date: September 4, 2011

Executed by Inventor 3 of 3

Signature:
Yuping C. Wu



Date: 09/06/2011