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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WEN-SYAN LI	05/06/2008
THOMAS PHAN	05/06/2008

RECEIVING PARTY DATA

Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION		
Street Address:	New Orchard Road		
City:	Armonk		
State/Country:	NEW YORK		
Postal Code:	10504		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12116812

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ATTORNEY DOCKET NUMBER: ARC920070105US1

NAME OF SUBMITTER: Michael A. Shimokaji

Total Attachments: 2

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PATENT REEL: 020915 FRAME: 0183

ASSIGNMENT

Docket No. ARC920070105US1

Whereas, we

INVENTOR AND CITY

(1) WEN-SYAN LI
County of Alameda
and (2) THOMAS PHAN
County of Santa Clara

and (3)
County of
and (4)
County of

of Fremont, and State of CA, of San Jose, and State of CA, of , and State of,

of , and State of,

have invented certain improvements in

QUALITY OF SERVICE AWARE SCHEDULING FOR COMPOSITE WEB SERVICE WORKFLOWS

DATES THAT INVENTORS	and executed, respectively, a United States patent application therefor on
SIGNED THE DECLARATION	(1) <u>May 6</u> , 2008, (2), 2008,
DEOL/10/11/ON	(3), 2008, (4), 2008.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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 therefor;

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

Signed and sealed		
WEN-SYAN LI	onMay 6	, 2008
THOMAS PHAN	on	, 2008

PATENT REEL: 020915 FRAME: 0184

<u>ASSIGNMENT</u>

Docket No. ARC920070105US1

Whereas, we

INVENTOR AND CITY

(1) WEN-SYAN LI
County of Alameda
and (2) THOMAS PHAN
County of Santa Clara
and (3)
County of

and State of CA, of San Jose, and State of CA, of , and State of, of ,

of Fremont,

and (4) County of

RECORDED: 05/07/2008

and State of,

have invented certain improvements in

QUALITY OF SERVICE AWARE SCHEDULING FOR COMPOSITE WEB SERVICE WORKFLOWS

INVENTORS	and executed, respectively, a United States patent application therefor on				
SIGNED THE DECLARATION	(1), 200 (3), 200	18, (2) May 6 18, (4)	, 2008, , 2008.		
publiess at Ne	ERNATIONAL BUSINESS New Orchard Road, Armonk, Net in the said application and	New York 10504. (here	einafter called	IRM) desires	to acquire the entire right
and invention the priority resulting any Letters Pathereby agree the	for a valuable consideration of transfer to IBM, its succes herein disclosed for the United from the filing of said United tent granted upon the inventional IBM may apply for foreigwith the United States and for	ssors and assigns, the red States and foreign ed States application, a ions set forth in said a n Letters Patent on sa	entire right, ti countries, an and we reque pplication to I id invention a	itle and interest id in all foreign o est the Commiss IBM, its success and we will exec	in the said application countries, and all rights o sioner of Patents to issue sors and assigns; and we
Signed and sealed					
WEN-SYAN LI		on		, 2008	
THOMAS PHAN	<u> </u>	on <u>Ma</u>	~ E	, 2008	

PATENT REEL: 020915 FRAME: 0185