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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PARIJAT DUBE	11/24/2004
ZHEN LIU	11/24/2004
SAMBIT SAHU	11/24/2004

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
Patent Number:	7474631

CORRESPONDENCE DATA

Fax Number: (914)766-7520

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 914-766-0607

Email: iplawyor@us.ibm.com

INTERNATIONAL BUSINESS MACHINES CORP **Correspondent Name:**

Address Line 1: 294 ROUTE 100, P.O. BOX 100

Address Line 2: IBM CORPORATION IPLAW DEPARTMENT

Address Line 4: **SOMERS, NEW YORK 10589-0100**

ATTORNEY DOCKET NUMBER:	YOR920040511US1	
NAME OF SUBMITTER:	JEFF TANG	
SIGNATURE:	/Jeff Tang/	
DATE SIGNED:	01/12/2016	

Total Attachments: 2

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PATENT REEL: 037460 FRAME: 0144 503644152

Assignment

Whereas, we

INVENTOR

(1) Parijat Dube

AND CITY

County of Nassau

of Hicksville,

and State of New York

INVENTOR

(2) Zhen Liu

AND CITY

County of Westchester

of Tarrytown,

and State of New York

INVENTOR AND CITY

(3) Sambit Sahu County of Dutchess of Hopewell Junction. and State of New York

have invented certain improvements in

TITLE

ON-DEMAND GROUP COMMUNICATION SERVICES WITH OoS GUARANTEES

and have executed, respectively, a United States patent application therefor on even date herewith.

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 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 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 applications 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

CITY AND DATE

(1) at Hawthorne

CITY AND

(2) at Hawthorne

DATE

(3) at Hawthorne

SIGNATURE Dube)

MIDDLE INITIAL LAST NAME

Liu) FIRST NAME MIDDLE INITIAL LAST NAME.

(Sambit

Sahu)

FIRST NAME LAST NAME MIDDLE INITIAL

RECORDED: 01/12/2016

REEL: 037460 FRAME: 0146