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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hanyi Ding	07/15/2008
Kai D. Feng	07/15/2008
Zhong-Xiang He	07/15/2008
Zhenrong Jin	07/14/2008
Xuefeng Liu	07/15/2008

RECEIVING PARTY DATA

	Name:	International Business Machines Corporation
5	Street Address:	New Orchard Road
	City:	Armonnk
5	State/Country:	NEW YORK
F	Postal Code:	10504

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12187436

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	BUR920080159US1
NAME OF SUBMITTER:	Anthony J. Canale

PATENT REEL: 021352 FRAME: 0819

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Total Attachments: 2 source=BUR920080159US1_Assignment#page1.tif source=BUR920080159US1_Assignment#page2.tif

PATENT REEL: 021352 FRAME: 0820

ASSIGNMENT

Docket No. BUR920080159US1

INVENTOR AND CITY

Whereas, we

(1) Hanyi Ding County of Chittenden and (2) Kai D. Feng County of Chittenden and (3) Zhong-Xiang He County of Chittenden and (4) Zhenrong Jin County of Chittenden and (5) Xuefeng Liu

County of Chittenden

of Essex Junction, Hand State of Vermont, and State of, of Essex Junction, and State of Vermont, of Essex Junction, and State of Vermont, of South Burlington, and State of Vermont, and State of Vermont, and State of Vermont.

have invented certain improvements in

INTEGRATED MILLIMETER WAVE ANTENNA AND TRANSCEIVER ON A SUBSTRATE

DATES THAT INVENTORS

and executed, respectively, a United States patent application therefor on

SIGNED THE DECLARATION (1) 7/15, 2008, (2) , 2008, (3) 7/15, 2008, (4) 7/15, 2008, (5) 7/15, 2008.

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 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		
Hanyi Ding	on 7/15	, 2008
Than yi bing		
	on	, 2008
Kai D. Feng	,	
/ te 30 x	on 7/15	, 2008
Zhong-Xiang He		
	on 7/14	2008
Zhenrong Jin		
Verfrig lin	on 7/15	2008
Xuefeng Liu		

PATENT REEL: 021352 FRAME: 0821

<u>ASSIGNMENT</u>

Docket No. BUR920080159US1

INVENTOR

Whereas, we

AND CITY (1) Hanyi Ding
County of Chittenden

and (2) Kai D. Feng County of Duchess

County of Chittenden K.D.

and (3) Zhong-Xiang He County of Chittenden and (4) Zhenrong Jin County of Chittenden and (5) Xuefeng Liu County of Chittenden of Essex Junction, and State of Vermont, of Hopewell Junction and State of New York of Vermont, K.D. and State of, K.D. of Essex Junction, and State of Vermont, of Essex Junction, and State of Vermont, of South Burlington, and State of Vermont, and State of Vermont,

have invented certain improvements in

INTEGRATED MILLIMETER WAVE ANTENNA AND TRANSCEIVER ON A SUBSTRATE

DATES THAT INVENTORS	and executed, respectively, a United States	patent application therefor o	n
SIGNED THE	(1), 2008, (2) July 15	, 2008, (3)	, 2008
DECLARATION	(4), 2008, (5)	, 2008.	

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 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

	on	, 2008
Hanyi Ding		·
Kardi D Kai D. Feng	on July 19	<u>.</u> , 2008
Kai D. Feng		
	on	, 2008
Zhong-Xiang He		,
	on	, 2008
Zhenrong Jin		
	on	. 2008
Xuefena Liu		· · · · · · · · · · · · · · · · · · ·

PATENT REEL: 021352 FRAME: 0822

RECORDED: 08/07/2008