### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Zhibin Cheng	05/30/2006
Satyajit Dutta	05/30/2006
Peter J. Klim	05/30/2006

### **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:	11421457

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	RPS920050220US1(4184)
NAME OF SUBMITTER:	Jeffrey S. Schubert

Total Attachments: 6

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PATENT REEL: 017708 FRAME: 0938

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PATENT REEL: 017708 FRAME: 0939 IBM Docket No.: RPS920050220US1(4184)

### ASSIGNMENT

Whereas, we,

(1) Zhibin Cheng County of Wake

of Cary and State of North Carolina

(2) Satyajit Dutta
County of Travis

of Austin and State of Texas

(3) Peter J. Klim
County of Travis

of Austin and State of Texas

have invented certain improvements in

## HIGH-SPEED LOW-POWER INTEGRATED CIRCUIT INTERCONNECTS

and executed, respectively, a United States patent application therefore on	
/Datas Investore Cinned Declaration (4) 24/2 m (4)	, (2006)
and (3), (2006).	, (=000)

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 therefore;

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 filling of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention 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.

IBM Docket No.: RPS920050220U\$1(4184)

(1) Signed at	(City)	on _	<u>5/30/06</u> , 2006.
		-	glibin Cheng Zhibin Cheng
(2) Signed at _	(City)	on	, 2006. (Date)
		_	Satyajit Dutta
3) Signed at	(City)	on	, 2006. (Date)
			Peter J. Klim

IBM Docket No.: RPS920050220US1(4184)

#### ASSIGNMENT

Whereas, we,

(1) Zhibin Cheng County of Wake of Cary and State of North Carolina

(2) Satyajit Dutta County of Travis of Austin and State of Texas

(3) Peter J. Klim County of Travis of Austin and State of Texas

have invented certain improvements in

### HIGH-SPEED LOW-POWER INTEGRATED CIRCUIT INTERCONNECTS

and executed, respectively, a United States patent applica	ation therefore on // / / / / /
and executed, respectively, a United States patent applicates Inventors Signed Declaration) (1)	, (2006); (2) <u>2/30/06,</u> (2006)
and (3), (2006)-	, ,

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 therefore;

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 filling of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention 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.

**PATENT** 

REEL: 017708 FRAME: 0942

(1)	Signed at _	(City)	on, 2006. (Date)	
			Zhibin Cheng	HIV
(2)	Signed at _	Anstin (City)	on May 3 0 2006.	
			Satisfit Dutta	
			<b>4.4.</b>	
(3)	Signed at _	(City)	on, 2006. (Date)	

Peter J. Klim

IBM Docket No.: RP\$920050220US1(4184)

IBM Docket No.: RPS920050220US1(4184)

### ASSIGNMENT

Whereas, we,

(1) Zhibin Cheng of Cary

County of Wake and State of North Carolina

(2) Satyajit Dutta of Austin

County of Travis and State of Texas

(3) Peter J. Klim of Austin

County of Travis and State of Texas

have invented certain improvements in

# HIGH-SPEED LOW-POWER INTEGRATED CIRCUIT INTERCONNECTS

and executed, respectively, a United States patent	application therefore on	
(Dates Inventors Signed Declaration) (1)	, (2006); (2)	, (2006).
and (3) May 30, (2006).		, (2000).

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 therefore;

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 invention 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.

PATENT REEL: 017708 FRAME: 0944 IBM Docket No.: RPS920050220U\$1(4184)

(1)	Signed at _	(City)	on	(Date)	, 2006.	
				Zhibin Ch	eng	
(2)	Signed at	(City)	on	(Date)	, 2006.	
				Satyajit Do	utta	
(3)	Signed at	Austin (City)	on <b>M</b>	(Date)	, 2006.	
				Peter J. Kli	<u> </u>	

PATENT REEL: 017708 FRAME: 0945