

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kangguo Cheng	04/18/2008
Herbert L. Ho	04/28/2008
Paul C. Parries	05/15/2008
Geng Wang	05/08/2008
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:	12124186
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ATTORNEY DOCKET NUMBER:	FIS92008088US1
NAME OF SUBMITTER:	H. Daniel Schnurmann
Total Attachments: 2	

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PATENT
REEL: 020978 FRAME: 0757

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ASSIGNMENT

Whereas, we

**INVENTOR
AND CITY**

- (1) Kangguo Cheng of Guilderland, County of Albany and State of New York;
- (2) Herbert L. Ho of New Windsor, County of Orange and State of New York;
- (3) Paul C. Parries of Wappingers Falls, County of Dutchess and State of New York;
- (4) Geng Wang of Stormville, County of Dutchess and State of New York;

have invented certain improvements in

SOI DEEP TRENCH CAPACITOR EMPLOYING A NON-CONFORMAL INNER SPACER

**DATES THAT
INVENTORS
SIGNED THE
DECLARATION**

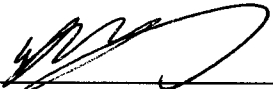
and executed, respectively, a United States patent application therefor on

- (1) 4/18, 2008, (2) _____, 2008,
- (3) _____, 2008, (4) _____, 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

(1)  Kanguo Cheng	on <u>4/18</u> , 2008
(2) _____ Herbert L. Ho	on _____, 2008
(3) _____ Paul C. Parries	on _____, 2008
(4) _____ Geng Wang	on _____, 2008

ASSIGNMENT

Whereas, we

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AND CITY**

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- (3) Paul C. Parries of Wappingers Falls, County of Dutchess and State of New York;
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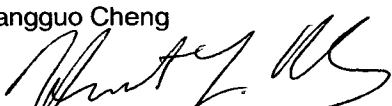

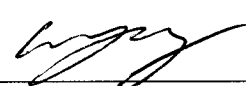
DATES THAT INVENTORS SIGNED THE DECLARATION and executed, respectively, a United States patent application therefor on

(1) _____, 2008, (2) 4/28, 2008,
 (3) 5/15, 2008, (4) 5/8, 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

(1) _____ Kanguo Cheng	on _____, 2008
(2)  Herbert L. Ho	on <u>4/28</u> , 2008
(3)  Paul C. Parries	on <u>5/15</u> , 2008
(4)  Geng Wang	on <u>5/8</u> , 2008