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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kaushik Chanda	05/19/2008
Ronald G. Filippi	05/05/2008
Charles C. Goldsmith	05/05/2008
Ping-Chuan Wang	05/02/2008
Chih-Chao Yang	05/05/2008

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:	12127878

CORRESPONDENCE DATA

Fax Number: (845)892-6363

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: lindadoh@us.ibm.com

Correspondent Name: International Business Machines Corp.

Address Line 1: 2070 Rt. 52
Address Line 2: M/D 482

Address Line 4: Hopewell Junction, NEW YORK 12533

ATTORNEY DOCKET NUMBER: FIS920080043US1

NAME OF SUBMITTER: Lisa U. Jaklitsch

PATENT

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Total Attachments: 4

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PATENT REEL: 021025 FRAME: 0283

Docket No.: FIS920080030US1

ASSIGNMENT

Whereas, we

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AΝ	ID	C	I٦	Γ	•

- (1) Kaushik Chanda of Fishkill, County of Dutchess and State of New York;
- (2) Ronald G. Filippi of Wappingers Falls, County of Dutchess and State of New York;
- (3) Charles C. Goldsmith of Poughkeepsie, County of Dutchess and State of New York;
- (4) Ping-Chuan Wang of Hopewell Junction, County of Dutchess and State of New York;
- (5) Chih-Chao Yang of Glenmont, County of Albany and State of New York;

have invented certain improvements in

STRESS LOCKING LAYER FOR RELIABLE METALLIZATION

DATES THAT	and executed, respectively, a United States patent application therefor on					
INVENTORS SIGNED THE	(1) 5/19	, 2008, (2)	5/5	, 2008, (3) _	5/5	, 2008,
DECLARATION	$(4) \frac{5}{2}$, 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

(1) Kaushik Chanda	on	5/19	_, 2008
(2) Amal J. Julipp Ronald G. Filippi	on	5/5	_, 2008
(3) Charles C. Goldsmith	on	5/5	_, 2008
(4) By-ling-Chuan Wang	on	5/2	_, 2008

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		Docket No.: FIS	S920080030US1
(5) Chih-Chao Yang	on	, 2008	

PATENT REEL: 021025 FRAME: 0285

Docket No.: FIS920080030US1

ASSIGNMENT

Whereas, we

INVE	NTO	DR
ΔND	CIT	Υ

Ping-Chuan Wang

- (1) Kaushik Chanda of Fishkill, County of Dutchess and State of New York;
- (2) Ronald G. Filippi of Wappingers Falls, County of Dutchess and State of New York;
 (3) Charles C. Goldsmith of Poughkeepsie, County of Dutchess and State of New York;
 (4) Ping-Chuan Wang of Hopewell Junction, County of Dutchess and State of New York;

	(5) Chih-Chao Yang of Glenmont, County of Albany and State of New York;						
	have invented certain improvements in						
ТІТ	LE	STRESS LOCKIN	G LAYER	FOR RELIABLE	METALLIZATION	1	
DATES THAT	·	and executed, respectively, a United States patent application therefor on					
SIGNED THE DECLARATION	(1) (4)	, 2008, (2) , 2008, (5)	lay 5.	, 2008, (3) , 2008.	, 200	08,	
of business a	TERNATIONAL BU t Armonk, New Yo	JSINESS MACHINES ork 10504, (hereinafter and invention, and to a	CORPOR.	ATION, a corpora l), desires to acqu	ation of New York, uire the entire righ	having a place it, title and	
hereby sell, a application ar countries, and Commissione IBM, its succeinvention and	ssign, and transfe nd invention therei d all rights of priori er of Patents to iss essors and assign	onsideration, receipt wer to IBM, its successor in disclosed for the Unity resulting from the fi- ue any Letters Patent s; and we hereby agre Il papers necessary in BM.	rs and assi ited States iling of said granted up ee that IBM	gns, the entire rig and foreign coun United States ap on the inventions may apply for for	pht, title and intere atries, and in all for oplication, and we set forth in said a reign Letters Pate	est in the said reign request the application to nt on said	
Signed and seal	ed						
(1)Kaushik Cha	anda		on	,	2008		
(2)Ronald G. F	ilippi		on		2008		
Charles C. C	Goldsmith		on	,	2008		

PATENT REEL: 021025 FRAME: 0286

, 2008

Docket No.: FIS920080030US1

(5) Chih-Cheo Yang on May 5, 2008

RECORDED: 06/02/2008

PATENT

REEL: 021025 FRAME: 0287