03-22-2002 FORM PTO-1595 (Modified) ET U.S. DEPARTMENT OF COMMERCE (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) P08/REV03 102028574 Tab settings → → To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Jack A. Mandelman Ronald G. Filippi Name: International Business Machines Corporation Jeffrey P. Gambino Richard A. Wachnik Internal Address: 3. Nature of conveyance: Street Address: New Orchard Road Assignment Merger Change of Name Security Agreement City: Armonk ZIP: 10504 State: NY ☐ Other Execution Date: 02/19; 02/21; 03/05; 02/25/2002 Additional name(s) & address(es) attached?

Yes 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: 03/05;02/25/2002 B. Patent No.(s) A. Patent Application No.(s) X No Additional numbers attached? ☐ Yes 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41):....\$ 40.00 Name: H. Daniel Schnurmann Enclosed - Any excess or insufficiency should be Internal Address: Intellectual Property Law Department credited or debited to deposit account **International Business Machines Corporation** Authorized to be charged to deposit account Dept. 18G / Bldg. 300-482 8. Deposit account number: Street Address: 2070 Route 52 09-0458 FI-076 10091643 00000034 090458 03/21/2002 TDIAZ1 (Attach duplicate copy of this page if paying by deposit account) 40.00 CH ZIP: 12533 01 FC:581 City: Hopewell Junction State: N DO NOT USE THIS SPACE To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy **%**. Statement and signature. March 6, 2002 of the original document. H. Daniel Schnurmann, Reg. No. 35,791 Date Signature Name of Person Signing Total number of pages including cover sheet, attachments, and document: Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

REEL: 012694 FRAME: 0076

Docket No.: FIS920010231US1

ASSIGNMENT

WHEREAS, we

of Stormville Jack A. Mandelman (1)

County of Dutchess State of New York

and

of Wappingers Falls Ronald G. Filippi **(2)** State of New York

County of Dutchess

and

Jeffrey P. Gambino (3)

State of Vermont County of Chittenden

and

of Mt. Kisco Richard A. Wachnik (4)

State of New York County of Westchester

have invented certain improvements in

ELECTRICALLY POROUS ON-CHIP DECOUPLING/SHIELDING LAYER

of Westford

and executed a United States patent application therefor on: (dates that Inventors signed the declaration)

(1)
$$\frac{2-19-02}{2}$$
, and (2) $\frac{2}{2102}$, and (3) _____, and (4) $\frac{2}{2}$

INTERNATIONAL BUSINESS MACHINES CORPORATION, Whereas. 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 acknow-ledged, I, 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 the invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said

Page 1 of 2

United States application, and I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed

(1)	at	E. I	rishkill,	NY
on	1500	19	2002	,
and				

Jack A. Mandelman

(2) at E. Fishkill, NY on _______, and

Ronald G. Filippi

(3) at Essex Junction, VT on _____, and

Jeffrey P. Gambino

(4) at $\frac{E}{\lambda 5} = \frac{E}{\lambda 0 \sqrt{\lambda}}$,

Richard A. Wachnik

Docket No. FIS9-2001-0231-US1

ASSIGNMENT

WHEREAS, we

(1)

of Stormville County of Dutchess State of New York and (2) Ronald G. Filippi of Wappingers Falls County of Dutchess State of New York and (3) Jeffrey P. Gambino of Westford County of Chittenden State of Vermont and (4)Richard A. Wachnik of Mt. Kisco County of Westchester State of New York

and executed a United States patent application therefor on:

have invented certain improvements in

Jack A. Mandelman

ELECTRICALLY POROUS ON-CHIP DECOUPLING/SHIELDING LAYER

(dates that Inventors signed the declaration) (1) _____, and (2) _____, and (3) 3/5/62, and (4) _____.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, 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 acknow- ledged, I, 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 the invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said

> Page 1 of 2 PATENT REEL: 012694 FRAME: 0079

FIS9-2001-0231-US1

United States application, and I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Si	gn	ed
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(1) at E. Fishkill, NY on, and	Jack A. Mandelman
(2) at E. Fishkill, NY on, and	Ronald G. Filippi
(3) at Essex Junction, VI on 3/5/02, and	Jeffrey P. Gambino
(4) at	Richard A. Wachnik

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