

01-28-1999

RECORDATION FORM COVER SHEET
PATENTS ONLY



To the Honorable Commissioner of Patents and Trademarks. Please record the attach

100952195

JAN 28 1999
09/233890

01/20/99

1. Name of conveying party(ies): (1) Peter J. Brofman, (2) Anson J. Call, (3) Jeffrey T. Coffin, (4) Kathleen A. Stalter

Additional name(s) of conveying party(ies) attached? YES NO

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

Execution Date: 11/20/98, 11/18/98,
11/23/98, 11/18/98

2. Name and address of receiving party(ies):

Name: International Business Machines Corporation

Street Address: New Orchard Road

City: Armonk State: New York ZIP: 10504

Additional name(s) & address(es) attached? YES NO

1-20-99 09233890

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 11/20/98,
11/18/98, 11/23/98, 11/18/98.

A. Patent Application Number(s) FI9-98-126

B. Patent Number(s) _____

Additional number(s) attached? YES NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Kevin R. Casey

Internal Address: Ratner & Prestia

Street Address: Suite 301, One Westlakes, Berwyn,
P.O. Box 980
Valley Forge, PA 19482-0980
Phone: (610) 407-0700

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

- Enclosed
- Authorized to be charged to deposit account
(FI-043)

8. Deposit account number: 09-0458 (IBM Corporation)

(Attach duplicate copy of this page if paying by deposit account.)

01/27/1999 SBURMS 00000220 090458 09233890

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DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Ira D. Blecker

Name of Person Signing

29,894

Registration. No.

Ira D. Blecker
Signature

Jan 20, 1999
Date

Total number of pages including cover sheet, attachments, and document: 4

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS EXPRESS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON, D.C. 20231. THE APPLICANT AND/OR ATTORNEY REQUEST THE DATE OF DEPOSIT AS THE FILING DATE.

Express Mail Certificate No.: EI374493031US

Date of Deposit: January 20, 1999

Name of Person Making Deposit: Hilda Nesheiwat

Signature: *Hilda Nesheiwat 1/20/99*

ASSIGNMENT

WHEREAS, we, **Peter J. Brofman, of 36 Dale Road, Hopewell Junction, NY 12533; Anson J. Call, of 10 Cortland Drive, Poughkeepsie, NY 12603; Jeffrey T. Coffin, of 185 Traver Road, Pleasant Valley, NY 12569; and Kathleen A. Stalter, of 20 Dale Road, Hopewell Junction, NY 12533**, (hereinafter referred to as "**ASSIGNOR**") have made an invention entitled **MODULE WITH METAL-ION MATRIX INDUCED DENDRITES FOR INTERCONNECTION**, for which, on even date herewith, the **ASSIGNOR** executed an application for United States Letters Patent;

WHEREAS, the **ASSIGNEE, International Business Machines Corporation, New Orchard Road, Armonk, New York 10504**, a corporation organized and existing under and by virtue of the laws of the State of New York, is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the **ASSIGNEE** the **ASSIGNOR'S** entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said patent application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that **ASSIGNOR** shall be legally bound, upon request and at the expense of the **ASSIGNEE** or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments and do such other acts as may be necessary and proper to patent the invention in the United States of America and foreign countries in the name of the assignee and to execute all instruments proper to carry out the intent of this instrument.

Because **ASSIGNOR** includes more than one person, these obligations shall apply to those persons both individually and collectively.]

ASSIGNOR hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

IN WITNESS WHEREOF, this Assignment is executed on the day indicated below.

ASSIGNOR #1:

Typed Name: **Peter J. Brofman**

Peter J. Brofman
Signature

Signed At: East Fishkill, NY

Date: 11/20/98

ASSIGNOR #2:

Typed Name: **Anson J. Call**

Anson J. Call
Signature

Signed At: East Fishkill NY

Date: 18 Nov 1998

ASSIGNOR #3:

Typed Name: **Jeffrey T. Coffin**

Jeffrey T. Coffin
Signature

Signed At: East Fishkill

Date: 11/23/98

ASSIGNOR #4:

Typed Name: **Kathleen A. Stalter**

Kathleen A. Stalter
Signature

Signed At: East Foothill, CA

Date: 11/18/98