

FORM PTO-1595 (Modified)
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)
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01-18-2001

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

MAD 12-28-00



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To the Honorable Commissioner of Patents ar

101585930

...ed original documents or copy thereof.

1. Name of conveying party(ies):
Mitchell S. Cohen; William K. Hogan; Sudipta Ray ; and James L. Speidell

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

Name: **International Business Machines Corporation**

Address: **New Orchard Road**

U.S. PTO
09/753272
12/28/00

Additional names(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

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

City: **Armonk** State/Prov.: **NY**

Country: **USA** ZIP: **10501**

Execution Date: **12/1/00; 12/8/00 and 12/20/00**

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

Patent Application No.	Filing date	B. Patent No.(s)
------------------------	-------------	------------------

Additional numbers attached? Yes No

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

Name: **Richard L. Catania**

Registration No. **32,608**

Address: **SCULLY, SCOTT, MURPHY & PRESSER**

400 Garden City Plaza

City: **Garden City** State/Prov.: **NY**

Country: **USA** ZIP: **11530**

6. Total number of applications and patents involved: **1**

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

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

50-0510/IBM

01/18/2001 DNGUYEN 00000022 500510 09753272

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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.

Richard L. Catania

December 28, 2000

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **1**

PATENT

Assignment

Whereas, we

Inventor and City	(1) Mitchell S. Cohen County of Middlesex County	of Bedford and State of Massachusetts
and	(2) William K. Hogan County of Olmsted	of Rochester and State of Minnesota
and	(3) Sudipta Ray County of Dutchess	of Wappingers Falls and State of New York
and	(4) James L. Speidell County of Dutchess	of Poughquag and State of New York

have invented certain improvements in

OPTOELECTRONIC PACKAGING SUBMOUNT ARRANGEMENT PROVIDING 90° ELECTRICAL CONDUCTOR TURNS AND METHOD OF FORMING THEREOF

and executed, respectively, a United States patent application therefor on
DATES THAT (1) Dec 1, 2000, and (2) Dec 8, 2000, and
(3) Dec 8, 2000, and (4) Dec 20, 2000, and
(5) 2000, and (6) 2000.

INVENTORS
SIGNED THE
DECLARATION

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 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.

Assignment

Signed and sealed

CITY (1) at
DATE on

(Mitchell S. Cohen)
FIRST NAME MIDDLE INITIAL LAST NAME

SIGNATURE

State of _____)
County of _____) ss.:

Inventor (1) On this _____ day of _____ 2000, before me personally came Mitchell S. Cohen to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Notary

Signed and sealed

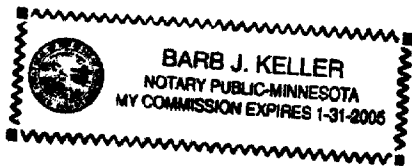
CITY (2) at
DATE on

ROCHESTER, MN
12/8/00

William K Hogan SIGNATURE
(William K. Hogan)
FIRST NAME MIDDLE INITIAL LAST NAME

State of *Minnesota*)
County of *Olmsted*) ss.:

Inventor (2) On this _____ day of _____ 2000, before me personally came William K. Hogan to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.



Barb Keller

Notary

SSM&P Docket No.: 13929
IBM Docket No: YOR92000647US1

Assignment

Signed and sealed
 CITY (1) at Yorktown Heights, NY _____ SIGNATURE
 DATE on December 1, 2000 (Mitchell S. Cohen)
 FIRST NAME MIDDLE INITIAL LAST NAME

State of _____)
 County of _____) ss.:

Inventor (1) On this _____ day of _____ 2000, before me personally came Mitchell S. Cohen to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Notary

Signed and sealed
 CITY (2) at _____ SIGNATURE
 DATE on _____ (William K. Hogan)
 FIRST NAME MIDDLE INITIAL LAST NAME

State of _____)
 County of _____) ss.:

Inventor (2) On this _____ day of _____ 2000, before me personally came William K. Hogan to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Notary

Assignment

Signed and sealed

CITY (3) at
DATE on

(Sudipta K. Ray)
SIGNATURE
FIRST NAME MIDDLE INITIAL LAST NAME

State of)
County of) ss.:

Inventor (3) On this day of 2000, before me personally came Sudipta Ray to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Notary

Signed and sealed

CITY (4) at *ROCKTOWN Hgts*
DATE on *Dec. 20, 2000*

James L. Speidell

(James L. Speidell)
SIGNATURE
FIRST NAME MIDDLE INITIAL LAST NAME

State of *New York*)
County of *Westchester*) ss.:

Inventor (4) On this day of 2000, before me personally came James L. Speidell to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Notary *Emily S. Forbes*

EMILY S. FORBES
Notary Public, State of New York
No. 01F04935185
Qualified in Westchester County
Commission Expires July 25, *2002*

Assignment

Signed and sealed

CITY (3) at
DATE on

Dec. 8, 2000

Sudipta K. Ray

SIGNATURE

(Sudipta K. Ray)
FIRST NAME MIDDLE INITIAL LAST NAME

State of New York)
County of Dutchess) ss.:

Inventor (3)

On this day of 2000, before me personally came Sudipta Ray to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Notary

Signed and sealed

CITY (4) at
DATE on

(James L. Speidell)
FIRST NAME MIDDLE INITIAL LAST NAME

SIGNATURE

State of)
County of) ss.:

Inventor (4)

On this day of 2000, before me personally came James L. Speidell to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Notary