

03-22-2001

Docket No.: YOR920000729S1(14019)

FORM PTO-1595 (Modified)
(Rev. 8-93)
OMB No. 0651-0011 (exp. 4/94)
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P08A/REV02

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

1. Ann Rhea-Helene Fornof, 2. Stephen McConnell Gates,
3. Jeffrey Curtis Hedrick, 4. Satyanarayana V. Nitta,
5. Sampath Purushothaman, 6. Christy Sensenich Tyberg

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

Name: International Business Machines CorporationAddress: New Orchard RoadAdditional names(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: 2/16/01, 2/16/01, 2/16/01, 2/23/01, 2/20/01,
2/21/01 respectively

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: 2/16/01, 2/16/01, 2/16/01
2/23/01, 2/20/01
2/21/01 respectively

Patent Application No.

Filing date

B. Patent No.(s)

2/21/01 respectively

03/21/2001 010N11 00000175 500510 09795417
01 FC:581 40.00 CR

Additional numbers attached? ☐ Yes ☒ No

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

Name: Richard L. CataniaRegistration No. 32,608Address: Scully, Scott, Murphy & Presser400 Garden City Plaza(516)742-4343City: Garden CityState/Prov.: New YorkCountry: U.S.A.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

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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

Name of Person Signing

Signature

February 28, 2001

Date

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

3

PATENT

REEL: 011597 FRAME: 0585

ASSIGNMENT

Whereas, We,

INVENTOR AND CITY	(1)Ann Rhea-Helene Fornof County of Lucas	of Toledo and State of Ohio
INVENTOR AND CITY	(2)Stephen McConnell Gates County of Westchester	of Ossining and State of New York
INVENTOR AND CITY	(3)Jeffrey Curtis Hedrick County of Bergen	of Montvale and State of New Jersey
INVENTOR AND CITY	(4)Satyanarayana V. Nitta County of Dutchess	of Poughquag and State of New York
INVENTOR AND CITY	(5)Sampath Purushothaman County of Westchester	of Yorktown Heights and State of New York
INVENTOR AND CITY	(6)Christy Sensenich Tyberg County of Westchester	of Croton-on-Hudson and State of New York

have invented certain improvements in

TITLE METHOD FOR DUAL-DAMASCENE PATTERNING OF LOW-k
INTERCONNECTS USING SPIN-ON DISTRIBUTED HARDMASK

DATE THAT and executed, a United States patent application therefor
on

DECLARATION WAS SIGNED	(1) 2/16	2001, and (2) 2/16	2001, and
	(3) 2/16	2001, and (4) 2/23	2001, and
	(5) 2/20	2001, and (6) 2/21	2001.

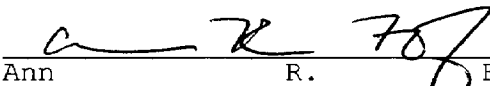
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION,
a corporation of New York, having a place of business at
Armonk, New York 10504, (hereinafter called IBM), desires to
acquire the entire right, title and interest in the said
application and invention, and to any United States and
foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt
whereof is hereby acknowledged, 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 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.

ASSIGNMENT

Signed and Sealed

CITY (1) at Yorktown Hts. N.Y.
DATE on 2/16 2001,


(Ann R. Fornof)
FIRST NAME MIDDLE INITIAL LAST NAME

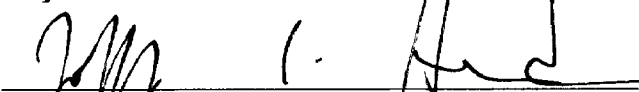
Signed and Sealed

CITY (2) at Yorktown Hts NY
DATE on 2/16 2001,


(Stephen M. Gates)
FIRST NAME MIDDLE INITIAL LAST NAME


Signed and Sealed

CITY Yorktown (3) at
DATE Heights NY on 2/16 2001,


(Jeffrey C. Hedrick)
FIRST NAME MIDDLE INITIAL LAST NAME

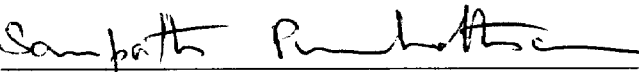
Signed and Sealed

CITY East Fishkill (4) at
DATE NY on 2/23 2001,


(Satyanarayana V. Nitta)
FIRST NAME MIDDLE INITIAL LAST NAME

Signed and Sealed

CITY Yorktown Hts (5) at
DATE NY on 2/20/ 2001,


(Sampath Purushothaman)
FIRST NAME MIDDLE INITIAL LAST NAME

Signed and Sealed

CITY East Fishkill, N.Y. (6) at
DATE 2/22/01 2001,


(Christy S. Tyberg)
FIRST NAME MIDDLE INITIAL LAST NAME