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P08A/REV03

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):

Harsaran S. Bhatia, Harvey C. Hamel,  
David C. Long, Edward R. Pillai,  
Christopher D. Setzer, Benjamin P. Tongue

12-13-02

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

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

Execution Date: 12/12/02; 12/11/02; 12/12/02;  
12/12/02; 12/11/02; 12/13/02

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

Name: International Business Machines CorporationAddress: New Orchard RoadCity: ArmonkState/Prov.: New YorkCountry: U.S.A.ZIP: 10504

Additional name(s) &amp; address(es)

☐ Yes ☒ No

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

10318933

If this document is being filed together with a new application, the execution date of the application is: 12/11;12/12;12/13/02

Patent Application No.

Filing date

B. Patent No.(s)

Additional numbers

☐ Yes ☒ No

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

Name: Steven FischmanRegistration No. 34,594Address: 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:

09-0458/IBM FI-577

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

## 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.

H. Daniel Schnurmann, Reg. 35,791

Name of Person Signing

Signature

December 13, 2002

Date

4

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT

REEL: 013593 FRAME: 0662

# ASSIGNMENT

**Whereas, we**

Inventor and City	(1) Harsaran S. Bhatia County of Dutchess	City of Hopewell Junction and State of New York
and	(2) Harvey C. Hamel County of Dutchess	City of Poughkeepsie and State of New York
and	(3) David C. Long County of Dutchess	City of Wappingers Falls and State of New York
and	(4) Edward R. Pillai County of Dutchess	City of Wappingers Falls and State of New York
and	(5) Christopher D. Setzer County of Dutchess	City of Poughkeepsie and State of New York
and	(6) Benjamin P. Tongue County of Dutchess	City of Fishkill and State of New York

have invented certain improvements in **MLC FREQUENCY SELECTIVE CIRCUIT STRUCTURES**

Dates That  
Inventors  
Signed the  
Declaration

and have executed, respectively, a United States patent application therefor on

(1) 12/12/02	2002, and (2) 12/11/2002	2002, and
(3) 12/12/2002	2002, and (4) 12/12/2002	2002, and
(5) 12/11/02	2002, and (6) 12/13/2002	2002.

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 invention 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.

City

Date

(1) Signed at

on

*E. Fisher (N.Y.)*  
*12/14/02*

*Harsaran S. Bhatia*  
(Harsaran  
First Name

S.  
Middle Initial

Bhatia)  
Last Name

signature  
inventor

City (2) Signed at EAST FISHKILL, NY  
Date on 12/11/2002  
signature  
(Harvey C. Hamel ) inventor  
First Name Middle Initial Last Name

City (3) Signed at EAST FISHKILL, NY  
Date on 12/12/2002  
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(David C. Long ) inventor  
First Name Middle Initial Last Name

City (4) Signed at EAST FISHKILL, N.Y.  
Date on 12/12/2002  
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City (5) Signed at East Fishkill, NY  
Date on 12/11/02  
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(Christopher D. Setzer ) inventor  
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Date on 12/13/02  
signature  
(Benjamin P. Tongue ) inventor  
First Name Middle Initial Last Name