

07-25-2001

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To the Honorable Commissioner of Patents and

attached original documents or copy thereof

1. Name of conveying party : Xiaodong Wang. *07/11/01*

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

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: July 8, 2001

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

J1036 U.S. PTO
09/903283



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: July 8, 2001

A. Patent Application Number(s) 09/909283 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: Andrew L. Ney

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

8. Deposit account number: 09-0458 (IBM Corporation)
 (Attach duplicate copy of this page if paying by deposit account.)

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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.

Andrew L. Ney *Andrew L. Ney* *July 11, 2001*
 Name of Person Signing Signature Date
20,300

Registration. No. _____

Total number of pages including cover sheet, attachments, and document: 2

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.

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ASSIGNMENT

WHEREAS, I Xiaodong Wang has invented certain improvements in

**MIXER HAVING COMPENSATION FOR HARMONICS
OF LOCAL OSCILLATOR SIGNAL**

and has executed, respectively, a United States patent application therefor on:

- (1) July 8, 2001;
- (2) , 2001;
- (3) , 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.

Signed


Xiaodong Wang

on July 8, 2001;