

06-21-2002

Form PTO-1595
1-31-92

Recordation Form C
PATENTS O



Department of Commerce
Trademark Office

To the Director of Patents and Trademarks: Please record the attached or

102131028

1. Name of conveying party(ies):
XUDONG WANG
XIAODONG WANG
Addit'l name(s) of conveying party(ies) attached? Yes No

International Business Machines Corporation
Armonk, New York 10504
Addit'l. name(s) & address(es) attached Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement
 Change of name
 Other
Execution date: June 5, 2002

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: June 5, 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No.

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

George R. Pettit
Connolly Bove Lodge & Hutz
Suite 800
1990 M Street, N.W.
Washington, D.C. 20036-3425

6. Total Number of applications and patents involved [1]

7. Total fee (37 C.F.R. 3.41)....\$40.00
 Enclosed
 Authorized to be charged to Deposit Account No. 09-0458
 Charge deficiencies/credit overpayments to Deposit Account 09-0458

8. Deposit Account No. 09-0458

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.

George R. Pettit, Reg. No. 27,369

Date: 6/06/02

Total number of pages including cover sheet: [2]

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

PTO
10/163003
06/06/02

06/20/2002 6TDM11 00000204 090458 10163003
01 FC:581 40.00 CH

ASSIGNMENT

IBM Docket No.:
FIS920010062US1

Whereas, We,
Xudong WANG
County of Middlesex

City of Groton
and state of MASSACHUSETTS

Xiaodong WANG
County of Middlesex

City of Acton
and state of MASSACHUSETTS

have invented certain improvements in:
DUAL FREQUENCY VOLTAGE CONTROLLED OSCILLATOR CIRCUIT

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

- X (1) June 5 2002
- X (2) June 8, 2002

And 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.

SIGNED AND SEALED

X (1) signed at on June 5, 2002 X Xudong Wang

X (2) signed at on June 5, 2002 X Xiaodong Wang