Express Mail Label No.: EL140119111US Date of Deposit: 29 December 1998 Docket No.: 11632 (YO998-298) 01-12-1999 U.S. DEPARTMENT OF COMMERCE RECORDATI FORM PTO-1595 (Modified) (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Patent and Trademark Office Copyright 1996-97 LegalStar P08A/REV02 Tab settings -To the Honorable Commissioner of Patents and Trademarks: Please record the autonous and documents or copy thereof. Name and address of receiving party(ies): 1. Name of conveying party(ies): Louis Hsu Name: International Business Machines Corporation Li-Kong Wang Address: New Orchard Road 3. Nature of conveyance: Assignment Merger State/Prov.: New York City: Armonk ☐ Security Agreement Change of Name ZIP: 10504 Country: USA Other Execution Date: November 13, 1998 Additional name(s) & address(es) attached? X No ☐ Yes 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: November 13, 1998 Patent Application No. Filing date B. Patent No.(s) 09/22/629 Additional numbers attached?

Yes
No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Richard L. Catania 7. Total fee (37 CFR 3.41):....\$ 40.00 Registration No. 32,608 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: Scully, Scott, Murphy & Presser Authorized to be charged to deposit account 400 Garden City Plaza 8. Deposit account number: State/Prov.: New York City: Garden City 50-0510/IBM (Yorktown) ZIP: 14530 Country: USA 12/1999 DNGUYEN 00000090 500510 09221629 DO NOT USE THIS SPACE 1 FC:581 40.00 CH 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. November 24, 1998 Richard L. Catania Date Name of Person Signing Signature

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

REEL: 9681 FRAME: 0496

SSM&P Docket No.:11632 IBM Docket No.: Y0998-298

(JOINT FORM) (MORE THAN TWO)

Page 1 of 2

Assignment

Whereas, we

Inventor and City

(1) Louis Hsu County of Dutchess

and (2) Li-Kong Wang County of Bergen

of Fishkill and State of New York

of Montvale and State of New Jersey

have invented certain improvements in

TITLE BOOSTED SENSING GROUND CIRCUIT

and executed, respectively, a United States patent application therefor on 1) $/l_{VV}$ (3 1998, and (2) $/l_{VV}$ (3 1998. DATES THAT (1) Vov. /3 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 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.

Signed and sealed
(1) at F. FishK://
on Nov 13 1448 CITY SIGNATURE DATE 1998, (Louis Hsu) INVENTOR FIRST NAME MIDDLE INITIAL LAST NAME Signed and sealed and (2) at Cost Freshall 1998, (Li-Kong CITY SIGNATURE DATE Wang) INVENTOR FIRST NAME LAST NAME

> State of NEW YERK)ss.: County of Dureness

INVENTOR

(1)

13 th On this

NOV. day of

1998, before me personally came

Louis Hsu 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.

Leader I Gray Notary

LINDA L. GRAY
Notary Public, State of New York
No. 01 GR501 2090
Qualified in Dutchess County
Term Expires: 06/15/2/

PATENT REEL: 9681 FRAME: 0497

Express Mail Label No.: EL140119111US Date of Deposit: 29 December 1998

SSM&P Docket No.:11632 IBM Docket No.: Y0998-298

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

13 Ch. On this

NVENTOR (2)

day of

1998, before me personally came

Li-Kong Wang Li-Kong Wang 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.

More

Notary

LINDA L. GRAY
Notery Public, State of New York
No. 01GR5012090
Qualified in Dutchess County
Term Expires: 06/15/97

RECORDED: 12/29/1998

PATENT REEL: 9681 FRAME: 0498