

OPR/ASSIGNMENTS

5/30/03 11:05 PAGE 10/11

RightFAX

5-28-03; 3:05PM;SSMP FAX

; 5167424366

A- 3

Docket No.: 16145

FORM PTO-1536 (Modified)
(Rev. 03-01)
OMB No. 0851-0027 (exp. 5/31/2002)
P08A/REV03

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

PATENTS ONLY

Tab settings → → → ▼ ▼ ▼ ▼ ▼ ▼ ▼

To the Honorable Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Xiaodong Wang

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

Name: NEC Laboratories America, Inc.

Address: 4 Independence Way

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

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

City: Princeton

State/Prov.: NJ

Country: USA

ZIP: 08540

Execution Date: April 1, 2003

Additional name(s) & address(es)

☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the application is: April 1, 2003

Patent Application No.

Filing date

B. Patent No.(s)

10/371,667

2/20/03

Additional numbers

☐ Yes ☐ No

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

Name: Paul J. Esatto, Jr.

Registration No. 30,749

Address: Correspondence Address

Customer Number: 23389

City: State/Prov.:

Country: ZIP:

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:

19-1013/SSMP

(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.

Paul J. Esatto, Jr.

Name of Person Signing

Signature

May 28, 2003

Date

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

REEL: 013696 FRAME: 0194

700031893

OPR/ASSIGNMENTS

5/30/03 11:05 PAGE 11/11

RightFAX

5-28-03; 3:05PM; SSMP FAX

; 5167424366

A- 4

ASSIGNMENT

Whereas, I

INVENTOR(S) **Xiaodong Wang** of New York
 AND CITY County of New York City and State of New York

have invented certain improvements in

TITLE **ITERATIVE SOFT INTERFERENCE CANCELLATION AND
 FILTERING FOR SPECTRALLY EFFICIENT HIGH-SPEED
 TRANSMISSION IN MIMO SYSTEMS**

DATE THAT and have executed a United States patent application therefor on
 DECLARATION
 WAS SIGNED

Whereas, NEC Laboratories America, Inc., a corporation of New York, having a place of business at 4 Independence Way, Princeton, New Jersey, 08540, (hereinafter called NEC Labs), desires to acquire the entire right, title and interest in the United States to said application and invention, and to any United States Letters Patent 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 NEC Labs, its successors and assigns, the entire right, title and interest in the said application and any division or continuation thereof and the invention therein disclosed for the United States, and rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents and Trademarks to issue any United States Letters Patent granted upon the invention set forth in said application to NEC Labs, its successors and assigns; and I hereby agree that I will execute all papers necessary in connection with the United States applications when called upon to do so by NEC Labs.

Signed and Sealed:

INVENTOR:

CITY at South Brunswick, NJ
 DATE on April 11, 2003

(Xiaodong
 First Name

Middle Initial

Wang
 Last Name)

State of New JerseyCounty of Middlesex ss.:

Inventor (1) On this 1st day of April, 2003 before me personally name Xiaodong 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.

Jill M. Thompson
 JILL M. THOMPSON, Notary
 ROTARY PUBLIC OF NEW JERSEY
 MY COMMISSION EXPIRES SEPTEMBER 11, 2007