

Form PTO-1595 (Rev. 06/04)
OMB No. 0651-0027 (exp. 8/30/2005)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET

Docket No. CS28625 (001.5042)

PATENTS ONLY

Express Mail No.

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Hidenori Akita February 10, 2006
Kevin L. Baum February 20, 2006
Brian K. Classon February 20, 2006
Masaya Fukuta February 10, 2006
Hiroshi Hayashi February 10, 2006
Vijay Nangia February 21, 2006
Robert T. Love March 17, 2006
Kenneth A. Stewart March 16, 2006

Execution Date(s) 2/10/06, 2/20/06, 2/21/06, 3/16/06
3/17/2006

Additional name(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies)

Name: Motorola, Inc.

Internal Address: _____

Street Address: 1303 E. Algonquin Road, 3rd Floor

City: Schaumburg

State: IL

Country: United States Zip: 60196

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

A. Patent Application No.(s) 11/351,306

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

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

Customer No. 29,906

Name: William E. Koch

Ingrassia Fisher & Lorenz, P.C.

Internal Address: _____

Street Address: 7150 E. Camelback Rd., Ste. 325

City: Scottsdale

State: AZ Zip: 85251

Phone Number: (480) 385-5060

Fax Number: (480) 385-5061

Email Address: bkoch@ifllaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 50-2091

Authorized User Name _____

9. Signature: William E. Koch

Signature

Date

27 March 06

William E. Koch Reg. No. 29,659

Name of Person Signing

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

10

CH \$40.00 502091 11361306

PATENT

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **Hidenori Akita, Tokyo, JAPAN; Kevin L. Baum, Rolling Meadows, ILLINOIS; Brian K. Classon, Palatine, ILLINOIS; Masaya Fukuta, Tokyo-To; JAPAN; Hiroshi Hayashi, Tokyo, JAPAN; Vijay Nangia, Algonquin, ILLINOIS; Robert T. Love of Barrington, ILLINOIS; and Kenneth A. Stewart of Grayslake, ILLINOIS**, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto **MOTOROLA, INC.**, a corporation of the State of Delaware, having its principal office in Schaumburg, State of Illinois, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in **METHOD AND APPARATUS FOR INITIAL ACQUISITION AND CELL SEARCH FOR AN OFDMA SYSTEM** (Docket No. **CS28625 (001.5042)**), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation or reissue thereof.

We hereby also sell, assign and transfer unto **MOTOROLA, INC.**, the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize **MOTOROLA, INC.** to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to **MOTOROLA, INC.**, for the sole use and benefit of **MOTOROLA, INC.**, its successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by us had this assignment not been made, and we hereby authorize and request the equivalent

PATENT

REEL: 017394 FRAME: 0708

authorities in foreign countries to issue the patents of their respective countries to MOTOROLA, INC.

We agree that, when requested, we will, without charge to MOTOROLA, INC., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in MOTOROLA, INC., its successors, assigns and legal representatives or nominees.

We covenant with MOTOROLA, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

HIDENORI AKITA
Hidenori Akita

DATE: 02/10/2006

Titan Quda
WITNESS 1

DATE: 2/13/2006

Sal Nooki Nooki
WITNESS 2

DATE: Feb 13, 2006

Kevin Baum
Kevin L. Baum

DATE: 2-20-2006

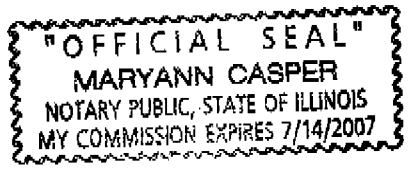
STATE OF ILLINOIS)
COUNTY OF Cook)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Kevin L. Baum whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 20th day of February, 2006.

My commission expires: 7-14-07

Maryann Casper
Notary Public Signature
MARYANN CASPER
Printed Name of Notary Public



Brian K. Classon

DATE: 2-20-06

Brian K. Classon

STATE OF ILLINOIS)
COUNTY OF Cook)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Brian K. Classon whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 20th day of February, 2006.

My commission expires: 07-14-07

Maryann Casper
Notary Public Signature

MARYANN CASPER
Printed Name of Notary Public



福田 雅也

Masaya Fukuta

DATE: 2006 / 2 / 10

池田 邦

WITNESS 1

DATE: 2006 / 2 / 10

William Pollak

WITNESS 2

DATE: 2006 / 02 / 10

林 宏
Hiroshi Hayashi

DATE: 02/10/2006

佐々木 哲
WITNESS 1

DATE: 2/10/2006

佐々木 哲
WITNESS 2

DATE: 2006/02/10

Vijay Nangia
Vijay Nangia

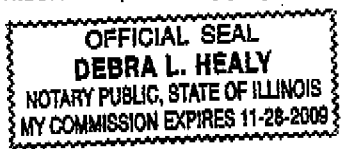
DATE: 2/21/06

STATE OF ILLINOIS)
COUNTY OF Cook)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Vijay Nangia whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 21ST day of February 2006.

My commission expires: 11-28-2009



Debra L Healy
Notary Public Signature
Debra L. Healy
Printed Name of Notary Public

Robert T. Love
Robert T. Love

DATE: ²⁰ 17 March 2006

STATE OF ILLINOIS)
COUNTY OF Lake)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Vijay Nangia whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 17 day of March, 2006.

My commission expires: 07/31/07

June E. Edwards
Notary Public Signature
JUNE E. EDWARDS
Printed Name of Notary Public



