

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3165948

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HIDENORI AKITA	02/10/2006
KEVIN L. BAUM	02/20/2006
BRIAN K. CLASSON	02/20/2006
MASAYA FUKUTA	02/10/2006
HIROSHI HAYASHI	02/10/2006
VIJAY NANGIA	02/21/2006
ROBERT T. LOVE	03/17/2006
KENNETH A. STEWART	03/16/2006
RECEIVING PARTY DATA	
Name:	MOTOROLA, INC.
Street Address:	1303 E. ALGONQUIN ROAD
City:	SCHAUMBURG
State/Country:	ILLINOIS
Postal Code:	60196
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	13052777
Application Number:	13350559
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	260-424-8000
Email:	michelle.davis@faegrebd.com
Correspondent Name:	MICHELLE L. DAVIS
Address Line 1:	FAEGRE BAKER DANIELS LLP
Address Line 2:	111 EAST WAYNE STREET, SUITE 800
Address Line 4:	FORT WAYNE, INDIANA 46802
ATTORNEY DOCKET NUMBER:	GP-101119-00-US-CON/CON2
NAME OF SUBMITTER:	MICHELLE L. DAVIS

PATENT

SIGNATURE:	/michelle l. davis/
DATE SIGNED:	12/30/2014
Total Attachments: 9 source=GP-101119-00-US-CON#page1.tif source=GP-101119-00-US-CON#page2.tif source=GP-101119-00-US-CON#page3.tif source=GP-101119-00-US-CON#page4.tif source=GP-101119-00-US-CON#page5.tif source=GP-101119-00-US-CON#page6.tif source=GP-101119-00-US-CON#page7.tif source=GP-101119-00-US-CON#page8.tif source=GP-101119-00-US-CON#page9.tif	

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 Barrington, 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 INTERLEAVING SEQUENCE ELEMENTS OF AN OFDMA SYNCHRONIZATION CHANNEL** (Docket No. CS28886 (001.5044)), 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

PATENT

REEL: 01739 FRAME: 0582

REEL: 034602 FRAME: 0656

assignment not been made, and we hereby authorize and request the equivalent 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

Wesley Sheda
WITNESS 1

DATE: 2 / 13 / 2006

Samuel M. Miller
WITNESS 2

DATE: Feb. 13, 2006

Kevin Baum
Kevin L. Baum

DATE: 2-20-2006

STATE OF ILLINOIS)
COUNTY OF Cook)ss

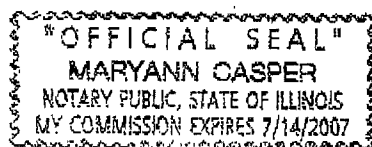
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Kevin L. Baum whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary 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: 07-14-07

Maryann Casper
Notary Public Signature

MARYANN CASPER
Printed Name of Notary Public



PATENT

REEL: 01739A FRAME: 0584

REEL: 034602 FRAME: 0658



Brian K. Classon

DATE:

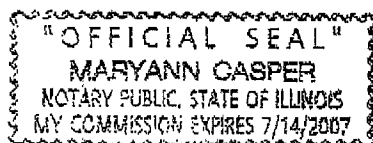
2-20-06

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
Notary Public SignatureMARYANN CASPER
Printed Name of Notary Public

PATENT

REEL: 017394 FRAME: 0585

REEL: 034602 FRAME: 0659

福田 雅也

Masaya Fukuta

DATE: 2006 / 2 / 10

池田 邦

WITNESS 1

DATE: 2006 / 2 / 10

Sal Mohin Allah

WITNESS 2

DATE: 2006 / 02 / 10

PATENT

REEL: 017394 FRAME: 0586

REEL: 034602 FRAME: 0660

林 宏
Hiroshi Hayashi

DATE: 02/10/2006

和田 邦
WITNESS 1

DATE: 2/10/2006

William Kellah
WITNESS 2

DATE: 2006/02/10

Vijay Nangia
Vijay Nangia

DATE: 2/21/06

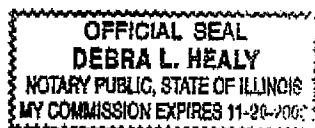
STATE OF ILLINOIS

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: 17 March 2006

STATE OF ILLINOIS

COUNTY OF Lake

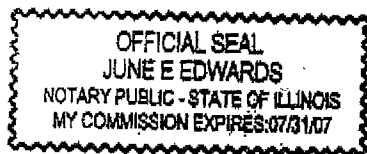
} ss

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



Kenneth A. Stewart

DATE: 16 March 2006

Kenneth A. Stewart

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 16 day of March, 2006.

My commission expires: 07/31/07

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

