

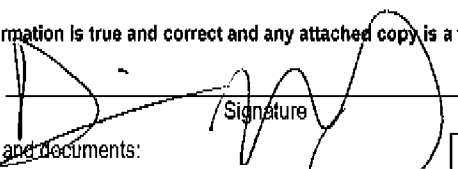
Application No. 10/751,080

Docket No. CS23662RA

RECORDATION FORM COVER SHEET
PATENTS ONLY

Docket No.: CS23662RA

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Padmaja Putcha Richard C. Burbidge Zhijun Cai Kenneth A. Stewart</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>3 Name of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: April 27, 28, 29, 2004 & May 3, 2004</p>	<p>2. Name and address of receiving party(ies) Name: <u>Motorola, Inc.</u> Internal Address: <u>Law Department</u> Street Address: <u>1303 E. Algonquin Rd.</u> City: <u>Schaumburg</u> State: <u>IL</u> Zip: <u>60196</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>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: _____ A. Patent Application No.(s): 10/751,080 B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>MOTOROLA, INC.</u> Internal Address: <u>Law Department</u> Street Address: <u>600 North U.S. Highway 45</u> City: <u>Libertyville</u> State: <u>IL</u> Zip: <u>60048</u></p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>502117</u> (Attach duplicate copy of this page if paying by deposit account.)</p>
DO NOT USE THIS SPACE	
<p>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. David S. Noskowicz Name of Person Signing Signature:  Date: <u>11 MAY 2004</u> Total number of pages including cover sheet, attachments, and documents: 13</p>	

Mail documents to be recorded with required cover sheet information to:
Mail Stop Missing Parts, Commissioner of Patents, P. O. Box 1450, Alexandria, VA 22313-1450

CS23662RA

2

PATENT

700083871

REEL: 014616 FRAME: 0859

CH \$40.00 602117 10751080

Application No.: 10/751,080

Docket Number: CS23662RA

PATENT

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **Padmaja Putcha, Gurnee, IL; Richard C. Burbidge, Hook, Hampshire (United Kingdom); Zhijun Cai, N. Richard Hills, TX; and, Kenneth A. Stewart, Grayslake, IL;** 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 **MULTICASTING DATA METHOD IN A RADIO COMMUNICATION SYSTEM**, filed on 01/02/2004 as Serial No. 10/751,080 (Docket No. CS23662RA), 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 me had this 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.

CS23662RA

1

PATENT
REEL: 014616 FRAME: 0860

Application No.: 10/751,080

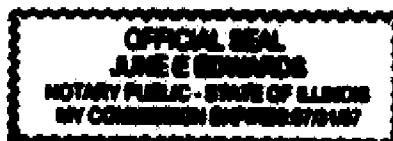
Docket Number: CS23662RA

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.

P. Padmaja
Padmaja Putcha

DATE: 04/29/2004

STATE OF ILLINOIS
COUNTY OF LAKE } ss



The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Padmaja Putcha 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 29 day of April, 2004.

My commission expires: 07/31/07

June E. Edwards
Notary Public Signature

JUNE E. EDWARDS
Printed Name of Notary Public

CS23662RA

2

PATENT
REEL: 014616 FRAME: 0861

Application No.: 10/751,080

Docket Number: CS23662RA


RICHARD C. BURBIDGE

DATE: 28-APR-2004

STATE OF UNITED KINGDOM
COUNTY OF HAMPSHIRE)ss


The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Richard C. Burbidge 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 28 day of APRIL, 2004.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

 28/4/04
1st Witness Signature Date

S A KENDALL
1st Witness Printed Name


2nd Witness Signature Date

EDGAR FERNANDES
2nd Witness Printed Name

Application No.: 10/751,080

Docket Number: CS23662RA

ZHIJUN CAI

DATE: _____

STATE OF _____)
)ss
COUNTY OF _____)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Zhijun Cai 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 ____ day of _____, 2004.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

KENNETH A. STEWART

DATE: _____

STATE OF _____)
)ss
COUNTY OF _____)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Kenneth A. Stewart 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 ____ day of _____, 2004.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

CS23662RA

4

PATENT
REEL: 014616 FRAME: 0863

Application No.: 10/751,080

Docket Number: CS23662RA

PATENT

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **Padmaja Putcha, Gurnee, IL; Richard C. Burbidge, Hook, Hampshire (United Kingdom); Zhijun Cai, N. Richard Hills, TX; and, Kenneth A. Stewart, Grayslake, IL;** 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 **MULTICASTING DATA METHOD IN A RADIO COMMUNICATION SYSTEM**, filed on 01/02/2004 as Serial No. 10/751,080 (Docket No. CS23662RA), 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 me had this 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.

CS23662RA

1

PATENT

REEL: 014616 FRAME: 0864

Application No.: 10/751,080

Docket Number: CS23662RA

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.

Padmaja Putcha

DATE: _____

STATE OF _____)
COUNTY OF _____)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Padmaja Putcha 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 ____ day of _____, 2004.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

Application No.: 10/751,080

Docket Number: CS23662RA

RICHARD C. BURBIDGE

DATE: _____

STATE OF _____)
)ss
COUNTY OF _____)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Richard C. Burbidge 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 ____ day of _____, 2004.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

1st Witness Signature _____ Date _____

1st Witness Printed Name

2nd Witness Signature _____ Date _____

2nd Witness Printed Name

CS23662RA

3

PATENT
REEL: 014616 FRAME: 0866

Application No.: 10/751,080

Docket Number: CS23662RA

Cai, Lig-
ZHIJUN CAI

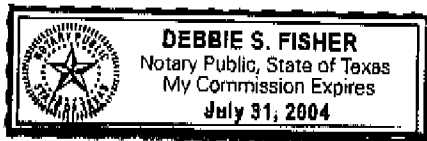
DATE: April/27/2004

STATE OF Texas)
COUNTY OF Tarrant)^{SS}

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Zhijun Cai 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 22 day of April, 2004.

My commission expires: 7/31/04



Debbie S. Fisher
Notary Public Signature

Debbie S. Fisher
Printed Name of Notary Public

KENNETH A. STEWART

DATE: _____

STATE OF _____)
COUNTY OF _____)^{SS}

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Kenneth A. Stewart 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 ___ day of _____, 2004.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

Application No.: 10/751,080

Docket Number: CS23662RA

PATENT

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **Padmaja Putcha, Gurnee, IL; Richard C. Burbidge, Hook, Hampshire (United Kingdom); Zhijun Cai, N. Richard Hills, TX; and, Kenneth A. Stewart, Grayslake, IL;** 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 **MULTICASTING DATA METHOD IN A RADIO COMMUNICATION SYSTEM**, filed on **01/02/2004** as Serial No. **10/751,080** (Docket No. **CS23662RA**), 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 me had this 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.

CS23662RA

1

PATENT

REEL: 014616 FRAME: 0868

Application No.: 10/751,080

Docket Number: CS23662RA

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.

Padmaja Putcha

DATE: _____

STATE OF _____)
_____)ss
COUNTY OF _____)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Padmaja Putcha 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 ____ day of _____, 2004.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

Application No.: 10/751,080

Docket Number: CS23662RA

RICHARD C. BURBIDGE

DATE: _____

STATE OF _____)
)ss
COUNTY OF _____)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Richard C. Burbidge 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 ____ day of _____, 2004.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

1st Witness Signature Date

1st Witness Printed Name

2nd Witness Signature Date

2nd Witness Printed Name

Application No.: 10/751,080

Docket Number: CS23662RA

ZHIJUN CAI

DATE: _____

STATE OF _____)
)ss
COUNTY OF _____)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Zhijun Cai 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 ____ day of _____, 2004.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

Kenneth A. Stewart
KENNETH A. STEWART

DATE: 3 MAY 2004

STATE OF ILLINOIS)
)ss
COUNTY OF LAKE)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Kenneth A. Stewart 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 3RD day of May, 2004.

My commission expires:



Jennifer H. Magness
Notary Public Signature

JENNIFER H. MAGNESS
Printed Name of Notary Public

CS23662RA