

FORM PTO-1595  
1-31-92

RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

CASE NO.: CS25657ML

To the Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Sean M. McBeath  
Hao Bi  
Danny T. Pinckley  
John D. Reed  
Jack A. Smith

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

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other:  
 Execution Date(s): 07/26/05, 8/02/05, 7/26/05, 7/26/05, 7/26/05

2. Name and address of receiving party(ies):  
 Name: Motorola, Inc.  
 Internal Address: Corporate Offices  
Intellectual Property Department  
 Street Address: 1303 E. Algonquin Road  
 City: Schaumburg State: IL ZIP: 60196  
 Additional name(s) & address(es) attached?  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:  
 A. Patent Application No.(s)  
11/127,433 filed on 05/12/2005  
 B. Patent No.(s)  
 \_\_\_\_\_  
 Additional numbers attached?  Yes  No

6. Total number of applications and patents involved:  1

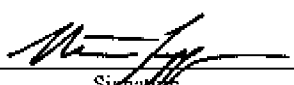
7. Total fee (37 CFR 2.6(b)(7)): ..... \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number:  
50-2117  
 Deposit account name: Motorola, Inc.  
 (Attach duplicate copy of this page if paying by deposit account)

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Name: Motorola, Inc.  
 Internal Address: Personal Communications Sector  
Intellectual Property Department  
 Street Address: 600 North US Highway 45, AS437  
 City: Libertyville State: IL ZIP: 60048

DO NOT USE THIS SPACE

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.*

Matthew C. Loppnow Reg. No. 45,314  8/2/05  
 Name of Person Signing Signature Date  
 Total number of pages including cover sheet, attachments and document: 5

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover sheet information

Commissioner for Patents  
 Box Assignments  
 Alexandria, VA 22313-1450

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-100C, Alexandria, VA 22313-1450, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503

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## PATENT

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Sean M. McBeath, Keller, TX; Hao Bi, Lake Zurich, IL; Danny T. Pinckley, Arlington, TX; John D. Reed, Arlington, TX; and Jack A. Smith, Valley View, TX, 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 APPARATUS AND METHOD FOR ESTABLISHING AN ACTIVE SET OF CARRIERS FOR A RECEIVER filed 05/12/2005 as Serial No. 11/127,433 (Docket No. CS25657ML) 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.

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.

Sean M. McBeath  
Sean M. McBeath

DATE: 7/26/2005

STATE OF TEXAS  
COUNTY OF Tarrant

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Sean M. McBeath whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, scaled 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 26<sup>th</sup> day of July, 2005.

My commission expires: July 22, 2007

Raul Soria III  
Notary Public Signature

RAUL SORIA III  
Printed Name of Notary Public



Billaw  
Hao Bi

DATE: 8-2-2005

STATE OF ILLINOIS  
COUNTY OF LAKE

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Hao Bi 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 2<sup>ND</sup> day of August, 2005.

My commission expires: 6/14/06  


Jennifer H. Magness  
Notary Public Signature  
JENNIFER H. MAGNESS  
Printed Name of Notary Public

Danny T. Pinckley  
Danny T. Pinckley

DATE: 7-26-05

STATE OF TEXAS  
COUNTY OF Tarrant

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Danny T. Pinckley 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 26<sup>th</sup> day of July, 2005.

My commission expires: July 22, 2007



Raul Soria III  
Notary Public Signature  
RAUL SORIA III  
Printed Name of Notary Public

John D. Reed  
John D. Reed

DATE: 7-26-05

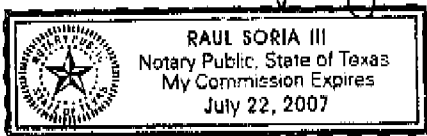
STATE OF TEXAS  
COUNTY OF Tarrant

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that John D. Reed 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 26<sup>th</sup> day of July, 2005.

My commission expires: July 22, 2007

Raul Soria III  
Notary Public Signature



Raul Soria III  
Printed Name of Notary Public

Jack A. Smith  
Jack A. Smith

DATE: 7-26-05

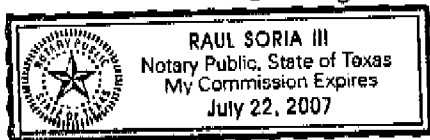
STATE OF TEXAS  
COUNTY OF Tarrant

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Jack A. Smith 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 26<sup>th</sup> day of July, 2005.

My commission expires: July 22, 2007

Raul Soria III  
Notary Public Signature



Raul Soria III  
Printed Name of Notary Public