



11-14-2003  
102600364

Docket No.: CE11478R

11/1/03

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

1. Name of conveying party(ies):  
Dean E. Thorson  
Takeshi Morishima  
Samer A. Nabulsi  
Anal R. Shah

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

3 Name of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: October 30 and November 3, 2003

2. Name and address of receiving party(ies)

Name: Motorola, Inc.

Internal Address:  
Law Department - 3rd floor

Street Address:  
1303 E. Algonquin Rd.

City: Schaumburg

State: IL Zip: 60196

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

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):

10/622,815 filed on July 18, 2003

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: MOTOROLA, INC.

Internal Address:  
Law Department - 3rd floor

Street Address:  
1303 E. Algonquin Rd.

City: Schaumburg

State: IL Zip: 60196

6. Total number of applications and patents involved:  1

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number: 50-2117

(Attach duplicate copy of this page if paying by deposit account.)

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.

Jeffrey K. Jacobs Reg# 44,798

Name of Person Signing

Signature

November 4, 2003

Date

Total number of pages including cover sheet, attachments, and documents:  6

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

11/13/2003 6TON11 0000239 502117 10622815

CE11478R

01 FC:0021 40.00 DA

1

PATENT  
REEL: 014684 FRAME: 0542

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **DEAN E. THORSON, GRAYSLAKE, ILLINOIS; TAKESHI MORISHIMA, HOFFMAN ESTATES, ILLINOIS; SAMER A. NABULSI, WOODRIDGE, ILLINOIS; and ANAL R. SHAH, PALATINE, 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 REDUCING PAGING-RELATED METHOD AND APPARATUS FOR REDUCING CALL SETUP TIME IN A WIRELESS COMMUNICATION SYSTEM**, filed on 07/18/2003 as Serial No. 10/622,815 (Docket No. CE11478R), 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

CE11478R

1

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.

Dean E. Thorson  
DEAN E. THORSON

DATE: 11/3/2003

STATE OF ILLINOIS )  
COUNTY OF Cook )ss

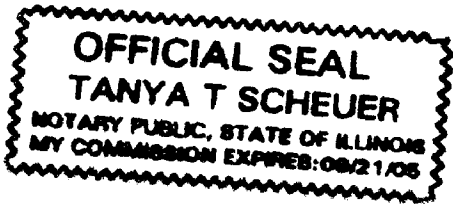
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Dean E. Thorson whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary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

Given under my hand and notarial seal this 3<sup>rd</sup> day of November, 2003.

My commission expires: 9/21/05

Tanya T. Scheuer  
Notary Public Signature

Tanya T. Scheuer  
Printed Name of Notary Public



Takeshi Morishima

DATE: 11/3/2003

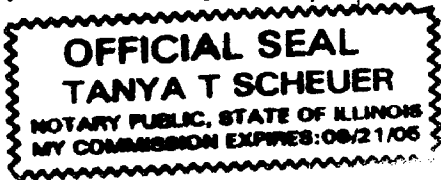
TAKESHI MORISHIMA

STATE OF ILLINOIS )  
COUNTY OF Cook )<sup>ss</sup>

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Takeshi Morishima 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 3<sup>rd</sup> day of November, 2003.

My commission expires: 9/21/05



Tanya T. Scheuer  
Notary Public Signature

Tanya T. Scheuer  
Printed Name of Notary Public

Samer A. Nabulsi  
SAMER A. NABULSI

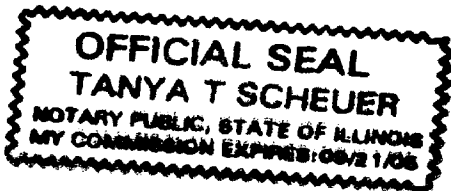
DATE: 10/30/03

STATE OF ILLINOIS )  
COUNTY OF Cook )<sup>ss</sup>

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Samer A. Nabulsi 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 30<sup>th</sup> day of October, 2003.

My commission expires: 9/21/05



Tanya T. Scheuer  
Notary Public Signature

Tanya T. Scheuer  
Printed Name of Notary Public

