

Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼ ▼		RECORDATION FORM COVER SHEET <b>PATENTS ONLY</b>		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
<b>1. Name of conveying party(ies):</b> <b>Michelle Lew Ho-Cheun</b> <b>Bee Lay Khoo</b> <b>EE Fong Lee</b> <b>Joshua Maruska</b> Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			<b>2. Name and address of receiving party(ies)</b> Name: <b>Motorola, Inc.</b>  Internal Address: <b>Corporate Offices</b> <b>Intellectual Property Department</b>  <b>1303 E. Algonquin Road</b>  Street Address: _____  <b>Schaumburg IL 60195</b> City: _____ State: _____ Zip: _____  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
<b>3. Nature of conveyance:</b> <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other <b>Correct to add signature</b> <b>pages of Paul Pierce and</b> <b>Timothy Sutherland</b> Execution Date: <b>10/9/2002</b>			<b>4. Application number(s) or patent number(s):</b> If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <b>29/164,739</b> <b>July 30, 2002 Filing date</b> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No		
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b> Name: <b>Motorola, Inc.</b>  Internal Address: <b>Randall S. Vaas</b> <b>Personal Communication Sector</b>  Street Address: <b>600 North US Highway 45</b>  City: <b>Libertyville</b> State: <b>IL</b> Zip: <b>60084</b>			<b>6. Total number of applications and patents involved:</b> <b>1</b>  <b>7. Total fee (37 CFR 3.41):</b> \$ _____ <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <b>Document ID No: 700034188</b>  <b>8. Deposit account number:</b> <b>50-2117</b>		
<b>DO NOT USE THIS SPACE</b>					
<b>9. Signature.</b>  <b>Randall S. Vaas, Reg. No# 34,479</b> Name of Person Signing  <i>Randall S. Vaas</i> Signature  <b>June 30, 2003</b> Date  Total number of pages including cover sheet, attachments, and documents: <b>15</b> <b>18</b>					

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

700034841

**PATENT**  
**REEL: 013768 FRAME: 0946**

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Box 1 Form PTO-1595

Page 2

Attachment

Additional conveying party name(s)

Paul Pierce

Timothy Sutherland

## PATENT

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Michelle Lew Ho-Cheun of Trevoise Park, Singapore; Bee Lay Khoo of Johor Bahur, Malaysia; EE Fong Lee of Singapore; Joshua Maruska of Bellevue, WA; Paul Pierce of Grayslake, IL; and Timothy Sutherland of Gurnee, 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 Communication Device filed July 30, 2002 as Serial No. 29/164,739 (Docket No. CS90069) 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.

\_\_\_\_\_  
Michelle Lew Ho-Cheun

DATE: \_\_\_\_\_

\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
Printed Name of Witness

\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
Printed Name of Witness

\_\_\_\_\_  
Bee Lay Khoo

DATE: \_\_\_\_\_

\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
Printed Name of Witness

\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
EE Fong Lee

DATE: \_\_\_\_\_

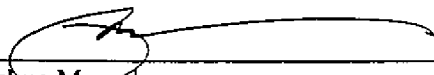
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Witness Signature

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Printed Name of Witness


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\_\_\_\_\_  
Joshua Mariska

DATE: 11. NOV. 02

  
\_\_\_\_\_  
Witness Signature

STEFAN PANNENBECKER  
\_\_\_\_\_  
Printed Name of Witness

  
\_\_\_\_\_  
Witness Signature

J A Johnson  
\_\_\_\_\_  
Printed Name of Witness

\_\_\_\_\_  
Paul Pierce

DATE: \_\_\_\_\_

STATE OF ILLINOIS  
COUNTY OF LAKE

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that PaulPiercewhose 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 \_\_\_\_\_, 2002.

My commission expires:

\_\_\_\_\_  
Notary Public Signature

\_\_\_\_\_  
Printed Name of Notary Public



\_\_\_\_\_  
Timothy Sutherland

DATE: \_\_\_\_\_

STATE OF ILLINOIS  
COUNTY OF LAKE

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Timothy Sutherland 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 \_\_\_\_\_, 2002.

My commission expires:

\_\_\_\_\_  
Notary Public Signature

\_\_\_\_\_  
Printed Name of Notary Public

PATENT

## ASSIGNMENT AND AGREEMENT


For good and valuable consideration, the receipt of which is hereby acknowledged, we, Michelle Lew Ho-Cheun of Trevoze Park, Singapore; Bee Lay Khoo of Johor Bahru, Malaysia; EE Fong Lee of Singapore; Joshua Maruska of <sup>Bellevue, WA</sup> ~~Gurnee, IL~~; Paul Pierce of Grayslake, IL; and Timothy Sutherland of Gurnee, 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 Communication Device filed July 30, 2002 as Serial No. 29/164,739 (Docket No. CS90069) 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.

  
\_\_\_\_\_  
Michelle Lew Ho-Cheun

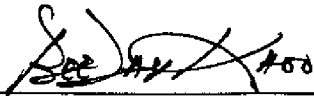
DATE: 2<sup>nd</sup> September 2002

  
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Witness Signature

POH HWEE CHWEE  
\_\_\_\_\_  
Printed Name of Witness

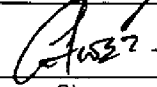
  
\_\_\_\_\_  
Witness Signature

CHIA HUAN SENG  
\_\_\_\_\_  
Printed Name of Witness



Bee Lay Khoo

DATE:

2nd Sept. 2002

Witness Signature

POH HWEE CHWEE


Printed Name of Witness




Witness Signature

CHIA HUAN SENG


Printed Name of Witness

  
\_\_\_\_\_  
EE Fong Lee

DATE: 2/9/02

  
\_\_\_\_\_  
Witness Signature

POH HWEE CHWEE  
\_\_\_\_\_  
Printed Name of Witness

  
\_\_\_\_\_  
Witness Signature

CHIA HUAN SENG  
\_\_\_\_\_  
Printed Name of Witness

\_\_\_\_\_  
Joshua Maruska

DATE: \_\_\_\_\_

STATE OF ILLINOIS  
COUNTY OF LAKE

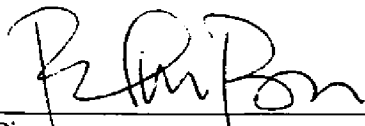
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Joshua Maruska whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary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

Given under my hand and notarial seal this \_\_\_\_\_ day of \_\_\_\_\_, 2002.

My commission expires:

\_\_\_\_\_  
Notary Public Signature

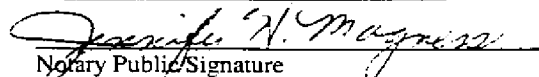
\_\_\_\_\_  
Printed Name of Notary Public



Paul Pierce

DATE: 10.09.02STATE OF ILLINOIS  
COUNTY OF LAKE

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Paul Pierce 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 09TH day of OCTOBER, 2002.My commission expires: 6/14/06

Notary Public Signature

JENNIFER H. MAGNESS

Printed Name of Notary Public






Timothy Sutherland

DATE: 10/9/02STATE OF ILLINOIS  
COUNTY OF LAKE

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Timothy Sutherland 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 9TH day of OCTOBER, 2002.

My commission expires:

6/14/06  
Notary Public SignatureJENNIFER H. MAGNESS  
Printed Name of Notary Public