

3/1/04

03-02-2004

EXPRESS MAIL NO.: EV203579125US

Form: PTO-1595



DOCKET NUMBER: CS21214RL

102764400

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

1. Name of conveying party(ies):

Naveed Mirza
Paul Morningstar
Gene A. Santana
Chung T. Tong

2. Name and address of receiving party(ies)

Name: Motorola, Inc.Internal Address: Law Department

Additional name(s) of conveying party(ies) attached?

☐

Yes

☒

No

3 Name of conveyance:

☒

Assignment

☐

Merger

☐

Security Agreement

☐

Change of Name

☐

Other

Street Address: 1303 East Algonquin RoadCity: SchaumburgState: ILZip: 60196

Execution Date: 6/20/03, 6/20/03, 6/20/03, 2/18/04

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)

10/602,953 Filed on 6/24/03

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:

AN475

Street Address:

600 North U.S. Highway 45City: LibertyvilleState: ILZip: 60048

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41)

\$40.00☐

Enclosed

☒

Authorized to be charged to deposit account

8. Deposit account number: 502117

(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

Matthew C. Loppnow

Name of Person Signing

Signature

2/23/04

Date

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

10

Mail documents to be recorded with required cover sheet information to:

Mail Stop Patent Application, Commissioner of Patents, P. O. Box 1450, Alexandria, VA 22313-1450

PATENT
REEL: 015032 FRAME: 0746

03-03-2004

EXPRESS MAIL NO.: EV203579125US

Form: PTO-1595



DOCKET NUMBER: CS21214RL

102682772

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

1. Name of conveying party(ies): *6.24.03*
Naveed Mirza
Paul Morningstar
Gene A. Santana
Chung T. Tong

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

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

Execution Date: 6/20/03

2. Name and address of receiving party(ies)

Name: Motorola, Inc.Internal Address: Law DepartmentStreet Address: 1303 East Algonquin RoadCity: SchaumburgState: ILZip: 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 6/20/03.

A. Patent Application No.(s)

10602953

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:

AN475

Street Address:

600 North U.S. Highway 45City: LibertyvilleState: ILZip: 600486. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) \$40.00☐ Enclosed☒ Authorized to be charged to deposit account8. Deposit account number: 502117

(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

Matthew C. Loppnow

Name of Person Signing

Matthew C. Loppnow
Signature*6/24/03*
DateTotal number of pages including cover sheet, attachments, and documents: **Mail documents to be recorded with required cover sheet information to:**

Mail Stop Patent Application, Commissioner of Patents, P. O. Box 1450, Alexandria, VA 22313-1450

16235 U.S. PTO
10/602953
06/24/03

PATENT
REEL: 015032 FRAME: 0747

PATENT

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **NAVEED MIRZA, BOYNTON BEACH, FL; PAUL MORNINGSTAR, NORTH LAUDERDALE, FL; GENE A. SANTANA, BOCA RATON, FL; and CHUNG T. TONG, BOYNTON BEACH, FL**, 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 **DUAL INPUT MOBILE COMMUNICATION DEVICE** (Docket No. **CS21214RL**), 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

CS21214RL

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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.

Naveed Mirza
NAVEED MIRZA

DATE: 6/20/03

STATE OF FL)
COUNTY OF Dade)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Naveed Mirza 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 20 day of June, 2003.

My commission expires: May 21, 2007

Hiroko F. Sullivan
Notary Public Signature

HIROKO F. SULLIVAN
Printed Name of Notary Public



Hiroko F. Sullivan
Commission #DD214389
Expires: May 21, 2007
Bonded Thru
Atlantic Bonding Co., Inc.

Paul Morningstar
PAUL MORNINGSTAR

DATE: 6/20/2003

STATE OF FL)
COUNTY OF Palm Beach)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Paul Morningstar 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 20 day of June, 2003.

My commission expires: May 21, 2007

Hiroko F. Sullivan
Notary Public Signature

HIROKO F. SULLIVAN
Printed Name of Notary Public



Hiroko F. Sullivan
Commission #DD214389
Expires: May 21, 2007
Bonded Thru
Atlantic Bonding Co., Inc.

Gene A. Santana
 GENE A. SANTANA

DATE: 6/20/2003

STATE OF FL)
)ss
 COUNTY OF Palm Beach)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Gene A. Santana 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 20 day of June,
 2003.

My commission expires: May 21, 2007

Hiroko F. Sullivan
 Notary Public Signature

HIROKO F. SULLIVAN
 Printed Name of Notary Public



Hiroko F. Sullivan
 Commission #DD214389
 Expires: May 21, 2007
 Bonded Thru
 Atlantic Bonding Co., Inc.

CS21214RL

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PATENT
 REEL: 015032 FRAME: 0751

PATENT

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **NAVEED MIRZA, BOYNTON BEACH, FL; PAUL MORNINGSTAR, NORTH LAUDERDALE, FL; GENE A. SANTANA, BOCA RATON, FL; and CHUNG T. TONG, BOYNTON BEACH, FL**, 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 **DUAL INPUT MOBILE COMMUNICATION DEVICE** (Docket No. **CS21214RL**), 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.

DATE: _____

NAVEED MIRZA

STATE OF FL)
)ss
COUNTY OF)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Naveed Mirza 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 _____,
2003.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

PAUL MORNINGSTAR

DATE: _____

STATE OF FL)
)ss
COUNTY OF)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Paul Morningstar 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 _____,
2003.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

 GENE A. SANTANA

DATE: _____

STATE OF FL

)

)ss

COUNTY OF

)

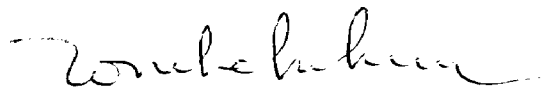
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Gene A. Santana whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary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

Given under my hand and notarial seal this ____ day of _____,
 2003.

My commission expires:

 Notary Public Signature

 Printed Name of Notary Public



CHUNG T. TONG

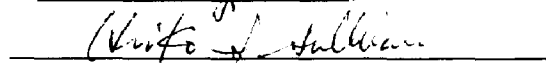
DATE: 2 / 18 / 2004

STATE OF FL)
)ss
 COUNTY OF PALM BEACH)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Chung T. Tong 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 18 day of February, 2004.

My commission expires: May 21, 2007


 Notary Public Signature

HIROKO F SULLIVAN
 Printed Name of Notary Public



Hiroko F. Sullivan
 Commission #DD214389
 Expires: May 21, 2007
 Bonded Thru
 Atlantic Bonding Co., Inc.