

10-29-2003

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10-1703



DOCKET NUMBER: CS23196RL

102586319

OVER SHEET
Y22368 U.S. PTO
10/688714

101703

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

1. Name of conveying party(ies):
Kenneth A. Stewart
Raja S. Bachu
Michael E. Buckley
Clint S. Wilkins

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

Execution Date: 10/14/03

Street 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 10/14/03.

A. Patent Application No.(s)

B. Patent No.(s)

101688714

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:

1

7. Total fee (37 CFR 3.41)

\$40.00☐

Enclosed

☒

Authorized to be charged to deposit account

8. Deposit account number: 502117Deposit account name: Motorola, Inc.

(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

Shigeharu Furukawa

Name of Person Signing

Shigeharu Furukawa

Signature

10/17/03

Date

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

9

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

10/28/2003 LMJELLER 00000098 502117 10688714

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40.00 DA

CS23196RL

PATENT
REEL: 014625 FRAME: 0568

PATENT

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **KENNETH A. STEWART, GRAYSLAKE, IL; RAJA S. BACHU, WAUKEGAN, IL; MICHAEL E. BUCKLEY, GRAYSLAKE, IL; and CLINT S. WILKINS, CHICAGO, 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 **MULTI-PASS INTERFERENCE REDUCTION IN A GSM COMMUNICATION SYSTEM** (Docket No. **CS23196RL**), 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.**

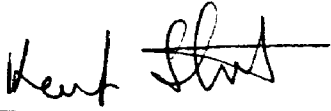
We agree that, when requested, we will, without charge to **MOTOROLA, INC.**, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in **MOTOROLA, INC.**, its successors, assigns and legal representatives or nominees.

CS23196RL

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PATENT
REEL: 014625 FRAME: 0569

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.



KENNETH A. STEWART

DATE: 14 October 2003

STATE OF IL)
)ss
COUNTY OF)

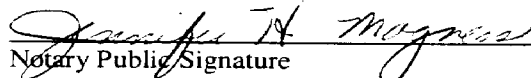
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Kenneth A. Stewart whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary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

Given under my hand and notarial seal this 14th day of October, 2003.

My commission expires:

6/10/06




Notary Public Signature

JENNIFER H. MAGNESS
Printed Name of Notary Public

DATE: 14 October 2003.

DATE: 14 October 2003

TERENCE H. MAGNES.
Printed Name of Notary Public

CLINT S. WILKINSDATE:

STATE OF IL)
)ss
COUNTY OF)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Clint S. Wilkins 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

PATENT

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **KENNETH A. STEWART, GRAYSLAKE, IL; RAJA S. BACHU, WAUKEGAN, IL; MICHAEL E. BUCKLEY, GRAYSLAKE, IL; and CLINT S. WILKINS, CHICAGO, 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 **MULTI-PASS INTERFERENCE REDUCTION IN A GSM COMMUNICATION SYSTEM** (Docket No. **CS23196RL**), 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.

CS23196RL

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PATENT
REEL: 014625 FRAME: 0573

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: _____

KENNETH A. STEWART

STATE OF IL)
)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 _____, 2003.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

RAJA S. BACHU

DATE: _____

STATE OF IL)
)ss
COUNTY OF)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Raja S. Bachu 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

MICHAEL E. BUCKLEY

DATE: _____

STATE OF IL)
)ss
COUNTY OF)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Michael E. Buckley 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

CS23196RL

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PATENT
REEL: 014625 FRAME: 0575

Clint S. Wilkins
CLINT S. WILKINS

DATE: October 14, 2003

STATE OF IL)
)ss
COUNTY OF COOK)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Clint S. Wilkins 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 14 day of October, 2003.

My commission expires:

Margaret E. BOVA
Notary Public Signature

MARGARET E. BOVA
Printed Name of Notary Public

