
102096939

To the Honorable Commissioner of Patents and Trademarks, please return the attached original documents or copy thereof.

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

☒ Assignment ☐ Merger

☐ Security Agreement ☐ Change of Name☐ Other

Execution Date: May 9, 2002 and May 10, 2002

Street Address: 1303 East Algonquin Road

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 May 14, 2002.

A. Patent Application No.(s)

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

Street Address: 1303 E. Algonquin Road

City: Schaumburg

State: IL Zip: 60196

6. Total number of applications and patents involved:

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

☒ Authorized to be charged to deposit account

8. Deposit account number: 13-4772

(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

Terri S. Hughes

Name of Person Signing

Signature

May 14, 2002

Date _____

Total number of pages including cover sheet, attachments, and documents: 10

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

05/21/2002 GTDM11 00000041 134772 10145253

D1 FC:581 40.00 CH

PATENT
REEL: 012899 FRAME: 0912

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **MATTHEW R. PERKINS, SUNRISE, FL; ROBERT J. O'DEA, FORT LAUDERDALE, FL; MARK J. JOHNSON, CARY, IL, and NEAL K. PATWARI, ANN ARBOR, MI** 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 **SYSTEM AND METHOD FOR INFERRING AN ELECTRONIC RENDERING OF AN ENVIRONMENT** (Docket No. **CM01959G**), 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.

Matthew R. Perkins
MATTHEW R. PERKINS

DATE: 5/9/2002

STATE OF FL
COUNTY OF Broward

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Matthew R. Perkins 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 9 day of May, 2002.

My commission expires:

Maria E. Rodriguez
Notary Public Signature

MARIA E. RODRIGUEZ
Printed Name of Notary Public



Robert J. O'Dea
ROBERT J. O'DEA

DATE: 5-9-02

STATE OF FL

COUNTY OF Broward

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Robert J. O'Dea 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 May, 2002.

My commission expires:



Maria E. Rodriguez
Notary Public Signature

MARIA E. RODRIGUEZ
Printed Name of Notary Public

Mark J. Johnson
MARK J. JOHNSON

DATE: 5/10/2002

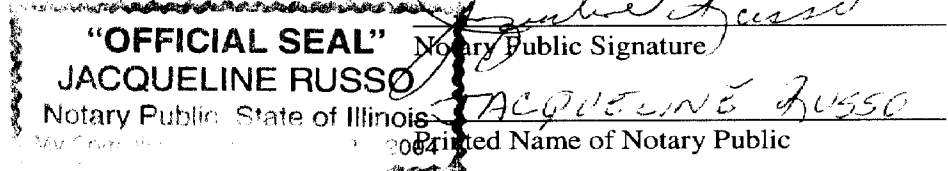
STATE OF IL

COUNTY OF COOK

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Mark J. Johnson 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 10th day of May, 2002.

My commission expires:



Jacqueline Russo
Notary Public Signature

JACQUELINE RUSSO
Notary Public, State of Illinois
Printed Name of Notary Public

NEAL K. PATWARI

DATE: _____

STATE OF FL

COUNTY OF _____

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Neal K. Patwari 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

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **MATTHEW R. PERKINS, SUNRISE, FL; ROBERT J. O'DEA, FORT LAUDERDALE, FL; MARK J. JOHNSON, CARY, IL, and NEAL K. PATWARI, ANN ARBOR, MI** 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 **SYSTEM AND METHOD FOR INFERRING AN ELECTRONIC RENDERING OF AN ENVIRONMENT** (Docket No. **CM01959G**), 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.

 MATTHEW R. PERKINS

DATE: _____

STATE OF FL

COUNTY OF _____

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Matthew R. Perkins 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

COUNTY OF _____

MARK J. JOHNSON

COUNTY OF COOK

Neal Patwari
NEAL K. PATWARI

DATE: 5/9/2002

STATE OF MI
COUNTY OF Washtenaw

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Neal K. Patwari 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 May,
2002.

My commission expires:

ELIZABETH F. DRISCOLL
NOTARY PUBLIC WAYNE CO., MI
MY COMMISSION EXPIRES Jun 22, 2008

[Signature]
Notary Public Signature

Elizabeth F. Driscoll
Printed Name of Notary Public