

08-11-1999

FORM PTO-1594
(Rev. 6-93)

RECOR

U.S. DEPARTMENT
OF COMMERCE

Patent and
Trademark Office

Atty Docket #:
FD98062



101113946

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

8-2-99

101113946 U.S. PTO
08/09/99



1. Name of conveying part(ies):
Peter A. Smith
Joyce K. Yamamoto
Craig Amrine
Thomas Nilsson
Steven M. Smith

2. Name and address of receiving party(ies):
Name: Motorola, Inc.
Internal Address: Intellectual Property Dept.
Street Address: 1303 East Algonquin Road
City: Schaumburg State: IL ZIP: 60196
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution date of conveyance: July 27, 1999
July 28, 1999

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: July 27, 1999
July 28, 1999
A. Patent Application No.(s): _____ B. Patent No.(s): 09/365197
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Motorola, Inc.
Internal Address: Intellectual Property Department - Suite R3108
Street Address: P.O. Box 10219
City, State, Zip: Scottsdale, AZ 85271-0219

6. Total number of applications and patents involved: 1
7. Total fee (37 C.F.R. 3.41)..... \$ 40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number: 13-4771
(Attach triplicate 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.
Kevin D. Wills 43,993 Kevin D. Wills 7-28-99
Name of Person Signing Reg. No. Signature Date
Total number of pages including cover sheet, attachments, and document: 4

OMB No. 0651-0011 (exp. 4/94)

08/09/1999 NTHAI1 00000292 134771 09365197

01 FC:581 40.00 CH

40E

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Peter A. Smith of Chandler, AZ; Joyce K. Yamamoto of Chandler, AZ; Craig Amrine of Tempe, AZ; Thomas Nilsson of Phoenix, AZ; and Steven M. Smith of Gilbert, AZ, 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 FOR FABRICATING A FIELD EMISSION DISPLAY HAVING A SPACER WITH A PASSIVATION LAYER (Attorney Docket No. FD98062), described, illustrated, and claimed in an application for Letters Patent of the United States of America executed by us, 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 inventions 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 the 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 and Trademarks 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 behoof of Motorola, Inc., its successors, assigns, and legal representatives, to the full end of the term for which the Letters Patent may be granted, the same as they would have been held and enjoyed by us 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.

Peter A. Smith

Peter A. Smith

STATE OF ARIZONA)

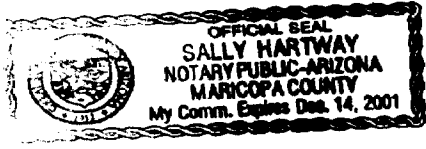
COUNTY OF MARICOPA)

I, Sally HARTWAY, a Notary Public in and for the County and State aforesaid, do hereby certify that Peter A. Smith, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 28th day of July, 1999.

Sally Hartway

My commission expires on 12-14-01



SEAL

Address correspondence concerning this document to: Motorola, Inc., Intellectual Property Department - Suite R3108, P.O. Box 10219, Scottsdale, AZ 85271-0219.

Joyce K. Yamamoto
Joyce K. Yamamoto

Craig Amrine
Craig Amrine

Thomas Nilsson
Thomas Nilsson

Steven M. Smith
Steven M. Smith

STATE OF ARIZONA)

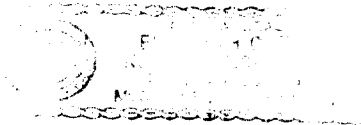
COUNTY OF MARICOPA)

I, ELIZABETH C. Tye, a Notary Public in and for the County and State aforesaid, do hereby certify that Joyce K. Yamamoto, and Craig Amrine, and Thomas Nilsson, and Steven M. Smith, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 27th day of July, 1999.

Elizabeth C. Tye
My commission expires on 7-19-01

SEAL



Address correspondence concerning this document to: Motorola, Inc., Intellectual Property Department - Suite R3108, P.O. Box 10219, Scottsdale, AZ 85271-0219.