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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Atty Docket #: SC90458A

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

## 1. Name of conveying party(ies):

Ramnath Venkatraman

## 2. Name and address of receiving party(ies):

Name: Motorola, Inc.Internal Address: MD: TX32/PL02Street Address: 7700 West Parmer LaneCity: Austin State: TX ZIP: 78729Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date:

October 15, 1999Additional 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): 08/822,670File Date: March 24, 1997

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: Intellectual Property Law Section.Street Address: 7700 West Parmer LaneMD: TX32 / PL02City: Austin State: TX ZIP: 787296. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) .....\$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account8. Deposit account number: 13-4773

(Attach triplicate copy of this page if paying by deposit account)

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01 0501 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.

Keith E. Witek

37,475

Name of Person Signing

Reg. No.

Signature

Date

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

3PATENT  
REEL: 010337 FRAME: 0535

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, **Ramnath Venkatraman** of **Austin, Texas**, 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 USING A CONDUCTIVE TUNGSTEN NITRIDE ETCH STOP LAYER TO FORM CONDUCTIVE INTERCONNECTS AND TUNGSTEN NITRIDE CONTACT STRUCTURE** (Attorney Docket No. **SC90458A**), described, illustrated and claimed in **U.S. Patent Application 08/822,670** filed on **March 24, 1997**, together with my entire right, title and interest in and to said application, and in and to Letters Patent which may be issued upon said application, and upon any division, extension, continuation, or reissue thereof.

I hereby also sell, assign and transfer unto **MOTOROLA, INC.**, the entire right, title and interest in and to said 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 said inventions and said applications for Letters Patent in foreign countries, and I 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 said application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

I 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 said Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and I hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to **MOTOROLA, INC.**

I agree that, when requested, I 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 said inventions in any and all countries and for vesting title thereto in **MOTOROLA, INC.**, its successors, assigns and legal representatives or nominees.

I 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.

*Ramnath Venkatraman*

Ramnath Venkatraman

STATE OF TEXAS                     )  
  :  
COUNTY OF WILLIAMSON        )

I, SANDRA E. GING, a Notary Public in and for the County and State aforesaid, do hereby certify that Ramnath Venkatraman whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 15<sup>th</sup> day  
of October, 1999.

*Sandra E. Ging*

My commission expires on 3-5-2003

SEAL

