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08-10-2001

FORM PTO-1594 (Rev. 6-93)	R		T	U.S. DEPARTMENT OF COMMERCE
Atty Docket #: CR00-020 P01	101806865		Patent and Trademark Office	

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

1. Name of conveying part(ies): Ramamoorthy Ramesh 7/13/01 Yu Wang 7/9/01 Jeffrey M. Finder 7/16/01 Kurt Eisenbeiser 7/17/01 Zhiyi Yu 7/16/01 Additional name(s) of conveying party(ies) is provided on attached sheet.	2. Name and address of receiving party(ies): Name: <u>Motorola, Inc.</u> Internal Address: <u>Intellectual Property Dept.</u> Street Address: <u>1303 East Algonquin Road</u> City: <u>Schaumburg</u> State: <u>IL</u> ZIP: <u>60196</u>
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09/12/99
07/25/01

3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____	Execution date of conveyance: <u>July 9, 2001, July 13, 2001, July 16, 2001, July 17, 2001</u>	Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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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: <u>July 9, 2001, July 13, 2001, July 16, 2001, July 17, 2001</u>	A. Patent Application No.(s): <u>09/912 994</u>	B. Patent No.(s):
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Motorola, Inc.</u> Internal Address: <u>Intellectual Property Dept. Suite R3163</u> Street Address: <u>PO Box 10219</u> City: <u>Scottsdale</u> State: <u>AZ</u> Zip: <u>85271-0219</u>	6. Total number of applications and patents involved: <u>1</u>
7. Total fee (37 C.F.R. 3.41)..... \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account	8. Deposit account number: <u>13-4771</u> (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.

William E. Koch	29,659		25 July 01
Name of Person Signing	Reg. No.	Signature	Date

Total number of pages including cover sheet, attachments, and document: 9

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

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FORM PTO-1594
PAGE 2

Names of conveying parties (cont.):

Ravindranath Droopad

Address correspondence concerning this document to: Motorola, Inc., Intellectual Property Department -
Suite R3163, P.O. Box 10219, Scottsdale, AZ 85271-0219.

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Ramamoorthy Ramesh of Silver Spring, MD; Yu Wang of Greenbelt, MD; Jeffrey M. Finder of Chandler, AZ; Kurt Eisenbeiser of Tempe, AZ; Zhiyi Yu of Gilbert, AZ; and Ravindranath Droopad of Chandler, 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 University of Maryland having its principal office in College Park, State of Maryland, United States of America and their 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 MICROELECTRONIC PIEZOELECTRIC STRUCTURE AND METHOD OF FORMING THE SAME (Attorney Docket No. CR00-020 P01), 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.

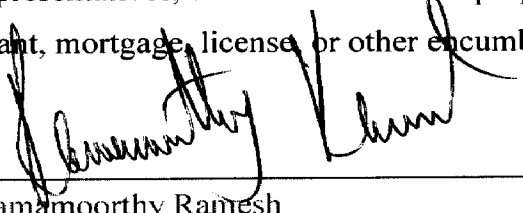
We hereby also sell, assign, and transfer unto Motorola, Inc. and University of Maryland, the entire right, title, and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the inventions and the applications for Letters Patent in foreign countries, and we further authorize Motorola, Inc. and University of Maryland 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. and University of Maryland, for the sole use and behoof of Motorola, Inc. and University of Maryland, 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. and University of Maryland.

We agree that, when requested, we will, without charge to Motorola, Inc. and University of Maryland, 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. and University of Maryland, its successors, assigns, and legal representatives or nominees.

Address correspondence concerning this document to: Motorola, Inc., 23330.

We covenant with Motorola, Inc. and University of Maryland, 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.

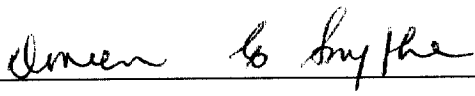


Ramamoorthy Ramesh

STATE OF Maryland)
COUNTY OF Prince Georges)

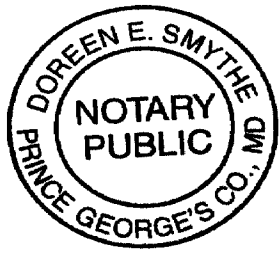
I, Doreen Smythe, a Notary Public in and for the County and State aforesaid, do hereby certify that Ramamoorthy Ramesh, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free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

Given under my hand and notarial seal this 13th day of July, 2001.



My commission expires on _____

SEAL



DOREEN E. SMYTHE
Notary Public, State of Maryland
County of Prince George
My Commission Expires May 1, 2005

Address correspondence concerning this document to: Motorola, Inc., 23330.

Yu Wang

July 09, 2001

Yu Wang

Liu Junzheng (Junzheng Liu)

Witness Hong Kong, China

July 09, 2001

Date

Wang Chen (Wanping Chen)

Witness Hong Kong, China

July 09, 2001

Date

Jeffrey M. Finder
Jeffrey M. Finder

STATE OF ARIZONA)

COUNTY OF MARICOPA)

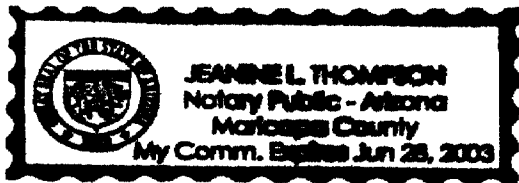
I, JEANNE L. THOMPSON, a Notary Public in and for the County and State aforesaid, do hereby certify that Jeffrey M. Finder, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her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

Given under my hand and notarial seal this 16th day of July, 2001.

Jeanne L. Thompson

My commission expires on June 28, 2003

SEAL



Address correspondence concerning this document to: Motorola, Inc., 23330.

Kurt Eisenbeiser
Kurt Eisenbeiser

STATE OF ARIZONA)

COUNTY OF MARICOPA)

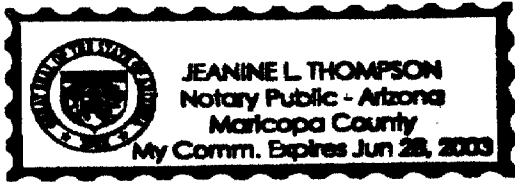
I, JEANINE L THOMPSON, a Notary Public in and for the County and State aforesaid, do hereby certify that Kurt Eisenbeiser, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her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

Given under my hand and notarial seal this 17th day of July, 2001.

Jeanine L. Thompson

My commission expires on JUNE 28, 2003

SEAL



Address correspondence concerning this document to: Motorola, Inc., 23330.

Zhiyi Yu
Zhiyi Yu

STATE OF ARIZONA)

COUNTY OF MARICOPA)

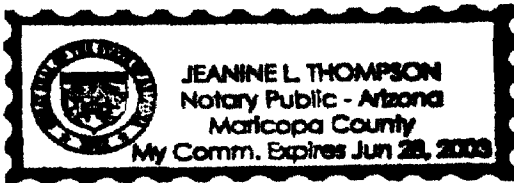
I, JEANINE L. THOMPSON, a Notary Public in and for the County and State aforesaid, do hereby certify that Zhiyi Yu, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free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

Given under my hand and notarial seal this 16th day of July, 2001.

Jeanine L. Thompson

My commission expires on June 28, 2003

SEAL



Address correspondence concerning this document to: Motorola, Inc., 23330.

Ravindranath Droopad
Ravindranath Droopad

STATE OF ARIZONA)

COUNTY OF MARICOPA)

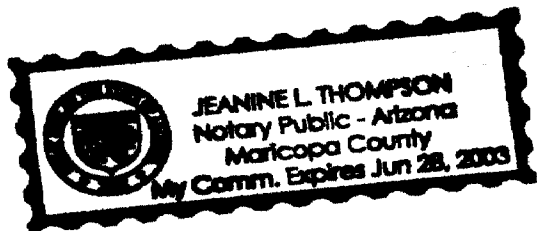
I, JEANINE L. THOMPSON, a Notary Public in and for the County and State aforesaid, do hereby certify that Ravindranath Droopad, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her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

Given under my hand and notarial seal this 16th day of July, 2001.

Jeanine L. Thompson

My commission expires on June 28, 2003

SEAL



Address correspondence concerning this document to: Motorola, Inc., 23330.