05-03-1999



U.S. Department of Commer

FORM PTO-1595 (Rev. 6-93)

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To the Honorapie Co	ommissioner of Patents and Trademarks: P	lease record the attached origin	nal document or copy thereof.
1. Name of conveying party(ies):		2. Name and address of receiving party(ies):	
Tongbi Jiang; Zhiqiang Wu		Name: Micron S	emiconductor, Inc.
Additional name(s) of conveying party(ies) at 3. Nature of conveyance:	tached? Yes No	Internal Address: P.O.Box 6, MS 507	
Assignment Security Agreement	Merger Change of Name	Street Address: 800	0 S. Federal Way
Other Execution Date: 4/1/99; 2/26/99		City: Boise State	e: Idaho zip: 83707
		Additional name(s) & add	ress(es)attached? Yes No
4. Applicationnumber(s) or registrationnum	ber(s):		
If this document is being filed together wit	h a new application, the execution date of	of the application is: 4/1/9	99; 2/26/99
A. Patent Application No.(s):		B. Patent No.(s):	
	Additional numbers attacl	hed? Yes No	
Name and address of party to whom corres document should be mailed:	pondenceconcerning	6. Total number of applic	ations and patents involved: 1
Name: Hugh R. Kress Arnold White & Durke P.O. Box 4433 City: Houston State: Te		Enclosed Authorized to be c if check insufficient or inac	-
			er: 01-2508/MRNT016/KRE of this page if paying by deposit account)
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Signature

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PATENT REEL: 9915 FRAME: 0554

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to Micron Semiconductor, Inc. (the "Assignee"), having a place of business at 8000 S. Federal Way, P.O. Box 6, MS 507, Boise, Idaho 83707, their entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, filed concurrently herewith and entitled "NOVEL ULTRASONIC VIBRATION MODE FOR WIRE BONDING" such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional. continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements:

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and extend to the successors, assigns and nominees of the Assignee. Date: 4/1/99 Signature: Name: Tongbi Jiang STATE OF Idaho) ss. COUNTY OF <u>ada</u> BEFORE ME, the undersigned authority, on this \(\) day of \(\int \alpha \times \) personally appeared Tongbi Jiang, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes in the purpose in the Notary or Consular Office [SEAL] Date: Feburay 26, 1999 Signature: Name: Zhiquiang Wu STATE OF Texas) ss. COUNTY OF Dallas BEFORE ME, the undersigned authority, on this 26th day of February, 1999 personally appeared Zhiquiang Wu, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed. Christiae Coulow, Notary Public Notary or Consular Officer CHRISTINE COULON [SEAL] Notary Public

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned

ARNOLD WHITE & DURKEE

P. O. Box 4433 Houston, Texas 77210

RECORDED: 04/16/1999

2001 Jefferson Davis Hwy., Ste. 401 Arlington, Virginia 22202

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