PATENT REEL: 013194 FRAME: 0211

EXPRESS MAIL NO. EV113125381US

EXPRESS MAIL NO.: EV113125381US Attorney Docket: 108298664US Disclosure No.: 00-1020

ASSIGNMENT

THIS ASSIGNMENT is by Tsuyoshi Yamashita and Tongbi Jiang (the "Assignors"), residing at 421 R.L. Honeycutt Dr., Wilmington, NC 28412 and 12036 W. Patrina Drive, Boise, Idaho 83713, respectively. We Assignors have invented certain inventions described in a United States Patent Application entitled MULTI-FUNCTIONAL SOLDER AND ARTICLES MADE THEREWITH, SUCH AS MICROELECTRONIC COMPONENTS (the "Application") and executed concurrently herewith; or filed on as Application No. (the "Inventions"). We Assignors authorize the Assignee, identified below, or its representatives to insert the filing date and application number of the Application when known. Micron Technology, Inc., a corporation of the State of Delaware having a place of business at 8000 South Federal Way, P.O. Box 6, Boise, Idaho 83706-9632 ("Assignee"), desires to acquire the entire right, title and interest in and to the Inventions and the Application, and in and to any patents (collectively, "Patents") that may be granted for the			
Inventions in the United States or in any foreign countries.			
For valuable consideration, the receipt and sufficiency of which we acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Inventions, the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignors warrant that they are joint owners of the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; prepare and prosecute the Application or any other applications for Patents; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the Commissioner of Patents to issue any Patent of the United States that may be request the Commissioner of Patents to issue any Patent of the United States that may be issued on the Inventions to Assignee. This Assignment may be executed in counterparts.			
57103103 Famelies			
Doto: 1/ 6.3/1/4.			
I certify that I know or have satisfactory evidence that Tsuyoshi Yamashita is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument. State of Georgia			
V 155.			
Dated July 23, 2002 Signature of Wicki S. Speights Notary Public Dicki L. Speights My appointment expires February 1, 2006			

WCRI L. SPEIGHTS

NOTARY PUBLIC, DOUGLAS COUNTY, GEORGIA
MY COMMISSION EXPIRES FEB. 1, 2006

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Date:7130/02	7130102	
	Tongbi Jiang	

I certify that I know or have satisfactory evidence that Tongbi Jiang is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

State of

County of

Dated

Signature of Notary Public

)ss.

Printed Name

My appointment expires

AUBLIC OF IONICA

REEL: 013194 FRAME: 0213

RECORDED: 08/09/2002