504025019 09/27/2016

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4071678

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHARLES M. WATKINS	04/27/2004
WILLIAM M. HIATT	04/27/2004

RECEIVING PARTY DATA

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Internal Address:	P.O. BOX 6	
City:	BOISE	
State/Country:	IDAHO	
Postal Code:	83706-0006	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15276627

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Address Line 4: SEATTLE, WASHINGTON 98111-1247

ATTORNEY DOCKET NUMBER: 010829-8745.US05 NAME OF SUBMITTER: JANA BRATTON SIGNATURE: /Jana Bratton/ **DATE SIGNED:** 09/27/2016

Total Attachments: 2

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> **PATENT REEL: 039870 FRAME: 0690** 504025019

Attorney Docket No. 108298745US Disclosure No. 03-0360

ASSIGNMENT

THIS ASSIGNMENT is by Charles M. Watkins and William M. Hiatt (the "Assignors"), residing at 1313 W. Meander Drive, Eagle, Idaho 83616; and 1137 W. Stafford Drive, Eagle, Idaho 83616, respectively. We Assignors have invented one or more certain inventions (the "Invention(s)") described in a United States Patent Application entitled "SYSTEMS AND METHODS FOR FORMING APERTURES IN MICROFEATURE WORKPIECES" (the "Application") and 🛛 executed concurrently herewith; or 🗌 filed on Application No. We Assignors authorize the Assignee, identified below, or its representatives to insert the 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 Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) 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 Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from 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 issued on the Invention(s) to Assignee. This Assignment may be executed in counterparts.

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Application No.	Attorney Docket No. 108298745US Disclosure No. 03-0360
Date: $4-27-04$	Charles M. Watkins
STATE OF Jaho	
COUNTY OF Ada	
On AT 27, 2004 before personally appeared Charles M. Watkins, possis of satisfactory evidence) to be the prinstrument and acknowledged to me that he capacity, and that by his/her signature on the of which the person acted executed the instrument of the person acted executed the person acted execut	personally known to me (or proved to me on the person whose name is subscribed to the within ne/she executed the same in his/her authorized instrument the person, or the entity upon behalf nument. WITNESS my hand and official seal. WITNESS my hand and official seal. Signature Signature
* * *	* * * * *
Date: 04 27 04	William M. Hiatt
STATE OF Idaho	
COUNTY OF Ada	
On 4-27-04 before personally appeared William M. Hiatt, personally acknowledged to me that he/she executive.	re me, <u>LoRI Bissenden</u> , nally known to me (or proved to me on the basis hose name is subscribed to the within instrument ted the same in his/her authorized capacity, and he person, or the entity upon behalf of which the
Manufallian Manufa	VITNESS my hand and official seal. Lou Susencles Signature

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RECORDED: 09/27/2016

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