

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
EFFECTIVE DATE:	07/05/2007										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Daniel Knudsen</td><td>07/05/2007</td></tr><tr><td>James Chapman</td><td>06/29/2007</td></tr></tbody></table>		Name	Execution Date	Daniel Knudsen	07/05/2007	James Chapman	06/29/2007				
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Daniel Knudsen	07/05/2007										
James Chapman	06/29/2007										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Micron Technology, Inc.</td></tr><tr><td>Street Address:</td><td>8000 South Federal Way</td></tr><tr><td>City:</td><td>Boise</td></tr><tr><td>State/Country:</td><td>IDAHO</td></tr><tr><td>Postal Code:</td><td>83716</td></tr></table>		Name:	Micron Technology, Inc.	Street Address:	8000 South Federal Way	City:	Boise	State/Country:	IDAHO	Postal Code:	83716
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11777055</td></tr></tbody></table>		Property Type	Number	Application Number:	11777055						
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Application Number:	11777055										
CORRESPONDENCE DATA											
Fax Number: (509)838-3424 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Email: lweber@wellsstjohn.com											
Correspondent Name: David G. Latwesen, Ph.D.											
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ATTORNEY DOCKET NUMBER:	MI22-3553										
NAME OF SUBMITTER:	David G. Latwesen, Ph.D.										
Total Attachments: 4 source=AS1#page1.tif											

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ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

INVENTORS:

Daniel Knudsen
James Chapman

ASSIGNEE:

Micron Technology, Inc.
Corporation of the State of Delaware
8000 South Federal Way
Boise, Idaho 83716

BACKGROUND OF THIS ASSIGNMENT:

Inventors have conceived certain new and useful inventions disclosed in a United States patent application titled Methods Of Forming Openings.

Micron Technology, Inc. (hereinafter referred to as "ASSIGNEE") desires to acquire the entire right, title and interest in said inventions and with respect to any Letters Patent that may be granted with respect to the inventions in both the United States and in all foreign countries.

THE PARTIES AGREE AS FOLLOWS:

In consideration of good and valuable consideration, the receipt, sufficiency and adequacy of which is hereby acknowledged, INVENTORS have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest in the above-identified inventions and application and to any reissues, renewals, divisions or continuations of the application thereof, and hereby authorizes the

Commissioner of Patents and Trademarks to issue such Letters Patent to ASSIGNEE for the sole use of ASSIGNEE, its successors or assigns.

INVENTORS further agree to execute, at the request and expense of ASSIGNEE such other formal documents as may be required to fully convey the interest transferred herein and will similarly execute any application papers (foreign or domestic) required for the filing of any divisional, continuation, renewal or reissue of the patent application or resulting Letters Patent; and will generally do everything necessary or desirable to obtain and enforce proper protection for the inventions assigned hereby.

INVENTORS further assign to ASSIGNEE the whole right, title and interest in the inventions disclosed in the application throughout all countries foreign to the United States. ASSIGNEE is hereby authorized to apply for patents relating to the inventions in its own name in countries where such procedure is proper; to claim the benefit of the International Convention; to file and prosecute International Applications relating to the inventions under the Patent Cooperation Treaty; and to file and prosecute applications relating to the inventions under the European Patent Convention. INVENTORS agree to execute applications relating to the inventions in those countries and under those conventions where it is necessary that the same be executed by the inventor, and to execute assignments of such applications and the resulting Letters Patent to ASSIGNEE as well as all other necessary papers in relation to such applications and the resulting Letters Patent to ASSIGNEE as well as all other necessary papers in relation to such applications and Letters Patent. INVENTORS hereby consent

that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country as proof of the right of ASSIGNEE to apply for patent and other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

To be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Dated: 7-5-07

Signature: Daniel Knudsen
Daniel Knudsen

State of Idaho

County of Ida

)
) ss.
)

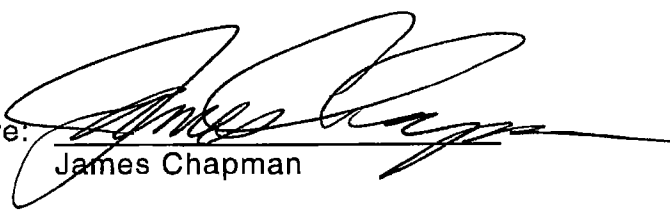
On this 5th day of July, 2007, before me,
Amenda G. Kayler (name and title of Notary Official),
personally appeared Daniel Knudsen, known or identified
to me (or proved to me on the basis of satisfactory evidence) to be the person
whose name is subscribed to the within Assignment, and acknowledged to me
that he/she executed the Assignment in his/her authorized capacity, and that by
his/her signature on the Assignment, the person executed the Assignment.

SEAL



Amenda G. Kayler
My Commission Expires: 13 Aug 2009

Dated: 6/29/07

Signature: 

James Chapman

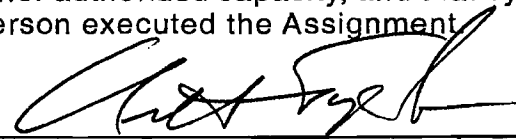
State of Idaho

County of Ada

)
) ss.
)

On this 29th day of June, 2007, before me,
Art Tyczka/Patent Asst (name and title of Notary Official),
personally appeared James Chapman, known or identified
to me (or proved to me on the basis of satisfactory evidence) to be the person
whose name is subscribed to the within Assignment, and acknowledged to me
that he/she executed the Assignment in his/her authorized capacity, and that by
his/her signature on the Assignment, the person executed the Assignment.

SEAL


Commission Expires: 3/15/12

