## RECORDATION FORM COVER SHEET PATENTS ONLY

 Atty Rel/Doc	ket No.;	3303.	100.	US	I

Patent and Trademark Office

Cory Pecinovsky, William Thurmes, Brion C. Koprowski  Additional name(s) of conveying party(ies) attached?  [ ]Yes [X]No  City Court	ne: Micron Technology, Inc. et Address: 8000 So. Federal Way  E. Boisc State: ID Zip: 83716-9632  Intry: United States of America
Cory Pecinovsky, William Thurmes, Brion C. Koprowski  Additional name(s) of conveying party(ies) attached?  [ ]Yes [X]No  City Cour  Name  City Cour  Nature of conveyance:  Add  [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name	ret Address: 8000 So. Federal Way : <u>Boise</u> State: <u>ID</u> Zip: <u>83716-9632</u> intry: <u>United States of America</u>
Additional name(s) of conveying party(ies) attached?  [ ]Yes [X]No  City Cour  Nature of conveyance:  Add  [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name	r: <u>Boise</u> State: <u>ID</u> Zip: 83716-9632 intry: <u>United States of America</u>
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3. Nature of conveyance;  Add  [X] Assignment [ ] Merger  [ ] Security Agreement [ ] Change of Name	litional name(s) & address(es) attached? [  Yes [X]No
[X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name	to a service of the s
[ ] Other	
Execution Date: <u>January 27, 2011</u> , <u>January 27, 2011</u> . <u>January 27, 2011</u>	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the exec	oution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
Serial No. 13/007,297, filed January 14, 2011	
Additional numbers attached? [ ]Yes [X]No	
concerning dogument about 11 and 11	otal number of applications and patents involved: 1
Name: Geoffrey K. Cooper	[]Enclosed
Address: Schwegman, Lundberg & Woessner, P.A.	[X]Authorized to be charged to deposit account 19-0743
P.O. Box 2938  Minneapolis, MN 554020938  8. Pl	lease charge any additional fees or credit any over tyments to our Deposit Account No.: 19-0743
DO NOT USE THIS SPA	ACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true of the original document.  Geoffrey K. Cooper/Reg. No. 51,266  Name of Person Signing	
Signatur	Date
Total number o	of pages including cover sheet: 6

Mail documents to be recorded with required cover sheet information to:

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Alexandria, VA 22313-1450

**PATENT REEL: 026916 FRAME: 0289** 

Attorney Docket No. 3303.001US1 Client Ref. No. 2009-0356.00/US

## ASSIGNMENT

WHEREAS, We, Cory Pecinovsky, residing at 420 Fox St., Longmont, CO 80501, and William Thurmes, residing at 7140 Mt. Sherman Rd., Longmont, CO 80503, and Brion C. Koprowski, residing at 913 Snowberry St, Longmont, CO 80503, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent on January 14, 2011, which application was assigned U.S. patent application serial number 13/007,297, and is entitled FERROELECTRIC LIQUID CRYSTAL MIXTURE WITH ORGANIC ION PAIR COMPOUND:

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 Technology, Inc. (the "Assignee"), a corporation of the State of Delaware, having a place of business at 8000 So. Federal Way. Boise. ID 83716-9632, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and which may be further identified below; 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 (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. 73115 may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

## Additional Application Information

U.S. Provisional Application Serial No. 61/310,112, filed on March 3, 2010.

No International or foreign claim for priority is being made at this time.

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

PATENT REEL: 026916 FRAME: 0290 ASSIGNMENT
Client Ref. No. 2009-0356.00/US
Assignors: Cory Pecinovsky et al.
Title: FERROELECTRIC LIQUID CRYSTAL MIXTURE WITH ORGANIC ION PAIR COMPOUND

13/007,297

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or 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, that when requested and without compensation, but at the expense of the Assignce, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

PATENT REEL: 026916 FRAME: 0291

ASSIGNMENT Clicat Ref. No. 2009-0356,00/US Assignors: Cory Pecinovsky et al. Title: FERROELECTRIC LIQUID CRYSTAL MIXTURE WITH ORGANIC ION PAIR ( Page 3 of S	Docket No: 3303,001US1 Serial Number: 13/007,297 COMPOUND
IN TESTIMONY WHEREOF, I have hercunto set my	hand this Z ≠ day of
STATE OF O )SS COUNTY OF Low (Let)	ry Pecinovsky
On this 27 day of 000 day 20 before Pecinovsky, to me known and known to me to be the person describ foregoing instrument, and he/she duly acknowledged to me that he/s uses and purposes therein set forth.	me personally appeared <u>Cory</u> ed in and who executed the he executed the same for the
SEAL]  SEAL]  OF COLORAGINATION  Notary Pub	lic  My Commission Expires  March 18, 2011

ASSIGNMENT Client Ref. No. 2009-0356,00/US

Docket No: 3303.001US1

Assignors: Cory Pecinovsky et al.

Title: FERROELECTRIC LIQUID CRYSTAL MIXTURE WITH ORGANIC ION PAIR COMPOUND Serial Number: 13/007,297

IN TESTIMONY WHEREOF, I have hereunto set my hand this

William Thurmes

On this 27 day of January, 2011 before me personally appeared William Thurmes, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the foregoing instrument, and he/she du the uses and purposes therein set forth.

[SEAL] SA K OKANING SA K OK

Notary Public

My Commission Expires March 18, 2011

ASSIGNMENT

Client Ref. No. 2009-0356,00/US Assignors: Cory Pecinovsky et al. Docket No: 3303,001US1

Title: FERROBLECTRIC LIQUID CRYSTAL MIXTURE WITH ORGANIC ION PAIR COMPOUND Scriel Number: 13/007,297

IN TESTIMONY WHEREOF, I have hereunto set my hand this 2

Brion C. Koprowski

On this 27 day of Onugra, 20 before me personally appeared Brion C. Koprowski, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

and purposes in the second sec

William William

Notary Public

My Commission Expires March 18, 2011

**PATENT** REEL: 026916 FRAME: 0294

**RECORDED: 09/15/2011**