

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Barry D Wissman</td><td>05/13/2008</td></tr><tr><td>Andrew R Brown</td><td>05/14/2008</td></tr><tr><td>John R Clark</td><td>05/15/2008</td></tr></tbody></table>	Name	Execution Date	Barry D Wissman	05/13/2008	Andrew R Brown	05/14/2008	John R Clark	05/15/2008	
Name	Execution Date								
Barry D Wissman	05/13/2008								
Andrew R Brown	05/14/2008								
John R Clark	05/15/2008								
RECEIVING PARTY DATA									
Name:	Discera, Inc.								
Street Address:	1961 Concourse Drive								
City:	San Jose								
State/Country:	CALIFORNIA								
Postal Code:	95131								
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>12041552</td></tr></tbody></table>	Property Type	Number	Application Number:	12041552					
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Application Number:	12041552								
CORRESPONDENCE DATA									
Fax Number: (312)291-0864 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone: 312-291-0860									
Email: docketing@lempialaw.com									
Correspondent Name: Lempia Braidwood LLC									
Address Line 1: 223 W. Jackson Blvd.									
Address Line 2: Suite 620									
Address Line 4: Chicago, ILLINOIS 60606									
ATTORNEY DOCKET NUMBER:	10108-07DIS01A								
NAME OF SUBMITTER:	G. Christopher Braidwood								
Total Attachments: 5 source=01aassign_20080613145020#page1.tif									

CH 12041552 \$40.00

PATENT

REEL: 021131 FRAME: 0732

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ASSIGNMENT

Serial No: 12/041,552

Filed: March 3, 2008

Title: ESD Protection for MEMS Resonator Devices

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to Discera, Inc. 1961 Concourse Drive, San Jose, CA 95131 (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for letters patent of the United States, executed by the undersigned on, 5-15-2008 and in said application and any and all other applications, both in the United States and in other countries, which the undersigned may file or be named as an inventor, either solely or jointly with others, on said invention or improvements, and in any and all letters patent of the United States and other countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner for Patents to issue said letters patent to said Assignee.

The undersigned hereby authorize and request that the attorneys of record in said application insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned except in favor of Assignee.

For said consideration the undersigned hereby agree, upon the request and at the expense of said Assignee, its successors and assigns, to execute any and all applications on said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any letters patent that may be granted upon any and all of said applications, and any and all applications and other documents for letters patent in other countries on said invention or improvements, that said Assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said Assignee, its successors or assigns, in the event of any application or letters patent assigned herein becoming involved in Interference or Opposition, to cooperate to the best of the ability of the undersigned with said Assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said letters patent, both in the United States and in other countries, and vest all rights therein hereby conveyed in said Assignee, its successors and assigns, whereby said letters patent will be held and enjoyed by said Assignee, its

successors and assigns, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS our hands this 13th day of May, 2008.

State of MI
County of Washtenaw

Barry D. Wissman
Barry D. Wissman

On this 13th day of May, 2008, before me, a Notary Public in and for the County and State aforesaid, Barry D. Wissman appeared, to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires:

NOLAN JAMES
NOTARY PUBLIC, STATE OF MI
COUNTY OF JACKSON
MY COMMISSION EXPIRES MAY 10, 2014
NOTARY IN COUNTY OF Washtenaw

[Signature]
Notary Public

WITNESS our hands this _____ day of _____, _____.

State of _____
County of _____

Andrew R. Brown

On this _____ day of _____, _____, before me, a Notary Public in and for the County and State aforesaid, Andrew R. Brown appeared, to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires:

Notary Public

successors and assigns, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS our hands this _____ day of _____ .

State of _____
County of _____

Barry D. Wissman

On this _____ day of _____ , before me, a Notary Public in and for the County and State aforesaid, Barry D. Wissman appeared, to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires: _____

Notary Public

WITNESS our hands this 14 day of May , 2008 .

State of MI
County of Wayne

Andrew R. Brown
Andrew R. Brown

On this 14 day of May , 2008 , before me, a Notary Public in and for the County and State aforesaid, Andrew R. Brown appeared, to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires: 11/10/2011

Deborah A. Spitzler
Notary Public

DEBORAH A. SPITZLER
Notary Public, Wayne County, Michigan
Armed in Wayne County
My Commission Expires January 10, 2011

PATENT

REEL: 021131 FRAME: 0736

WITNESS our hands this

15

day of

May

2008

State of

CALIFORNIA

County of

Santa Clara

John R. Clark

On this _____ day of _____, before me, a Notary Public in and for the County and State aforesaid, John R. Clark appeared, to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed. WITNESS my hand and seal the same day and year last above given.

See attached.

My Commission Expires:

Notary Public

California General All-Purpose ACKNOWLEDGMENT

STATE OF CALIFORNIA)

COUNTY OF Santa Clara)

On May 15, 2008 before me, **Sheila Meinecke**, Notary Public,

Personally appeared John R. Clark

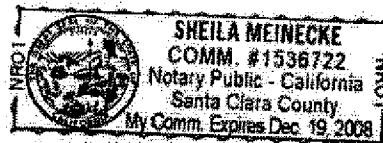
Who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. WITNESS my hand and official seal.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature  (NOTARY SEAL)
Sheila Meinecke

My Commission expires December 19, 2008



ATTENTION NOTARY: Although the information requested below is OPTIONAL, it could prevent fraudulent attachment of this certificate to another document.

THIS CERTIFICATE MUST BE ATTACHED TO

Title of Document Type Assignment Serial
ESD Protection for memis resonator
Number of Pages 3
Date of Document 5/15/2008 Devices

THE DOCUMENT DESCRIBED AT RIGHT.

Signer(s) Other Than Named Above Barry D. Wissman,
Andrew R. Brown

PATENT