

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DAVID P. RAMER	08/29/2011
JACK C. RAINS JR.	08/29/2011
RECEIVING PARTY DATA	
Name:	ABL IP HOLDING LLC
Street Address:	One Lithonia Way
City:	Conyers
State/Country:	GEORGIA
Postal Code:	30012
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13221050
CORRESPONDENCE DATA	
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Address Line 1:	600 13TH STREET, N.W.
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ATTORNEY DOCKET NUMBER:	075588-0155
NAME OF SUBMITTER:	Keith E. George 34,111
Total Attachments: 3 source=ASSN_075588-0155#page1.tif source=ASSN_075588-0155#page2.tif source=ASSN_TRN_075588-0155#page1.tif	

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PATENT
REEL: 026828 FRAME: 0101

ASSIGNMENT

WHEREAS We, David P. Ramer and Jack C. Rains, Jr. of 2508 Charlestown Lane, Reston, VA 20191; and 2946 Timber Wood Way, Herndon, VA 20171, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled OPTICAL/ELECTRICAL TRANSDUCER USING SEMICONDUCTOR NANOWIRE WICKING STRUCTURE IN A THERMAL CONDUCTIVITY AND PHASE TRANSITION HEAT TRANSFER MECHANISM, for which an application for United States Letters Patent is being filed concurrently herewith;

AND WHEREAS, ABL IP HOLDING LLC, a company of the State of Georgia and having an address of One Lithonia Way, Conyers, Georgia 30012 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto ABL IP Holding LLC (Assignee), its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said Assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We hereby grant the Assignee, its successors, legal representatives and assigns, the power to insert on this instrument any further identification that may be necessary or desirable to comply with the recordation rules of any appropriate and competent authority, including, without limitation, the United States Patent and Trademark Office.

AND We hereby agree that this Assignment may be executed in two or more counterparts each of which shall be deemed an original but all of which together shall constitute one and the same instrument.

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said ABL IP Holding LLC, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

8-29-2011
Date

[Signature]
David P. Ramer

29 Aug 2011
Date

[Signature]
Jack C. Rains, Jr.

STATE OF Virginia)
) SS:
COUNTY OF Fairfax)

On this 29th day of August, 2011, before me personally appeared David P. Ramer, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

[Signature]
Notary Public

My commission expires 09/30/2015

STATE OF Virginia)
) SS:
COUNTY OF Fairfax)

On this 29th day of August, 2011, before me personally appeared Jack C. Rains, Jr., to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

[Signature]
Notary Public

My commission expires 09/30/2015

RECORDATION FORM COVER SHEET

Docket No.: 075588-0155

PATENTS ONLY

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of Conveying Party(ies)

David P. RAMER, Jack C. RAINS, Jr.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of Conveyance/Execution Date(s)

Execution Date(s): **August 29, 2011**

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: **ABL IP HOLDING LLC**

Internal Address:

Address: **One Lithonia Way. Conyers, GA 30012**

Additional name(s) & address(es) attached? ☐ Yes ☐ No

4. Application or patent number(s):

A. Patent Application No(s).

☒ This document is being filed together with a new application.

B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: **MCDERMOTT WILL & EMERY LLP**

Internal Address:

Street Address: **600 13th Street, N.W.**

City: **Washington,** State: **DC** Zip: **20005-3096**
D.C.

Phone Number: **202.756.8000**

Fax Number: **202.756.8087**

Email Address:

6. Total number of applications and patents involved:

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information:

- a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number **500417**
Authorized User Name _____

9. Signature.

Keith E. George 34,111

Keith E. George

August 30, 2011

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and documents: **3**

PATENT

RECORDED: 08/30/2011

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