

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BUM MO AHN	06/27/2017
SEUNG HO PARK	06/27/2017
SUNG HYUN BYUN	06/27/2017
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<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	31409
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15634626
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<b>ATTORNEY DOCKET NUMBER:</b>	3658H/1002
<b>NAME OF SUBMITTER:</b>	ROBERT M. ASHER
<b>SIGNATURE:</b>	/Robert M. Asher, #30,445/
<b>DATE SIGNED:</b>	06/28/2017
<b>Total Attachments: 2</b>	
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# ASSIGNMENT

ASSIGNOR(S): Bum Mo Ahn  
Seung Ho Park  
Sung Hyun Byun

ASSIGNEE: Point Engineering Co., Ltd.  
89, Asan valley-ro, Dunpo-myeon  
Asan-si, Chungcheongnam-do 31409  
Republic of Korea

TITLE: MICRO MULTI-ARRAY HEATER AND MICRO MULTI-  
ARRAY SENSOR

ATTORNEY DOCKET: 3658H/1002

APPLICATION NO.: 15/634,626

FILING DATE: June 27, 2017

Assignor is a joint inventor of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and application number as indicated above, or if no filing date and application number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications; and Assignee accepts that assignment.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues, extensions, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to

obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

Each Assignor hereby authorizes and requests Sunstein Kam Murphy & Timbers LLP to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation.

Each Assignor and Assignee agree that this instrument may be executed in any number of counterparts, each of which shall be deemed to be an original and all of which together shall constitute one and the same agreement; and that an original signature or a copy thereof transmitted by facsimile or by PDF shall constitute an original signature for purposes of this instrument.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below opposite their respective signatures.

Date: 2017. 6. 27

  
Bum Mo Ahn, Assignor

Date: 2017. 06. 27

  
Seung Ho Park, Assignor

Date: 2017. 06. 27

  
Sung Hyun Byun, Assignor