

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Gabriel LEEN</td> <td>02/22/2013</td> </tr> <tr> <td>Bernard BRYCE</td> <td>02/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	Gabriel LEEN	02/22/2013	Bernard BRYCE	02/13/2013
Name	Execution Date						
Gabriel LEEN	02/22/2013						
Bernard BRYCE	02/13/2013						
RECEIVING PARTY DATA							
Name:	UNIVERSITY OF LIMERICK						
Street Address:	PLASSEY TECHNOLOGICAL PARK						
City:	LIMERICK						
State/Country:	IRELAND						
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>13820273</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13820273		
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Application Number:	13820273						
CORRESPONDENCE DATA							
Fax Number:	202-393-53						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	202-638-6666						
Email:	patent@jhip.com						
Correspondent Name:	JACOBSON HOLMAN PLLC						
Address Line 1:	400 SEVENTH STREET N.W.						
Address Line 2:	SUITE 600						
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20004						
ATTORNEY DOCKET NUMBER:	P74680US0						
NAME OF SUBMITTER:	John C. Holman						
Total Attachments: 2 source=P74680assn#page1.tif source=P74680assn#page2.tif							

OP \$40.00 13820273

UNITED STATES OF AMERICA – ASSIGNMENT

(1-3) Insert Name(s) of Inventors (1) LEEN, GABRIEL
(2) BRYCE, BERNARD and
(3)

In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, transfers and sets over to

(4) Insert Name of Assignee UNIVERSITY OF LIMERICK
 (5) Insert Address of Assignee of PLASSEY TECHNOLOGICAL PARK, LIMERICK, IRELAND.
 (6) Insert Legal Entity and State or Country (e.g. a corporation or citizen of Japan) a BODY ESTABLISHED of IRELAND BY THE UNIVERSITIES ACT 1997

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as A LIQUID DROPLET DISPENSER (UNI079)

(7) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number

(8) Insert Date of signing of Application, or filing date and Serial No., if known

For which the undersigned has (have) executed an application for patent in the United States of America Said application having been ~~executed~~/filed on

March 1, 2013
 (and assigned Serial No. _____)

- 1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuing or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Union for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent in the name of the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute any agreement in conflict herewith.
- 6) Assignor hereby further assigns to Assignee all claims and causes of action for infringement of the patent rights assigned herein, including the right to sue for, and collect damages for, any and all acts of past and future infringement.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>22/2/2013</u>	Name of Inventor	LEEN, GABRIEL	<u><i>Gabriel Leen</i></u> (SEAL)
			typed name	signature
Date	<u>13/2/2013</u>	Name of Inventor	BRYCE, BERNARD	<u><i>Bernard Bryce</i></u> (SEAL)
			typed name	signature
Date	_____	Name of Inventor	_____	_____ (SEAL)
			typed name	signature

The assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here.

Additional inventor's names on a separate sheet

Witness *Morgan Darcy* (MORGAN DARCY)

Witness *Alan Crow* (ALAN CROW)

John Cross (John Cross)

Paul Dillon (PAUL DILLON)

POWER OF ATTORNEY BY ASSIGNEE

The undersigned hereby grant(s) the law firm of Jacobson Holman PLLC, 400 Seventh Street, N.W., Washington, D.C. 20004 (Customer No. 00136) power of attorney, to receive and act on instructions from our agent or ourselves to prosecute this application, and the power to insert in this application any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

<u>26/02/2013</u>	<u>VPRESEARCH</u>	<u>MARY SHIRE</u>	<u><i>Mary Shire</i></u> (SEAL)
date	title of person	typed name	signature

UNIVERSITY OF LIMERICK

JH 3/12 (Copying without deletions permitted)
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