

PATENT ASSIGNMENT COVER SHEET

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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>CHI WAH CHENG</td> <td>01/10/2014</td> </tr> <tr> <td>HOI SHUEN TANG</td> <td>01/10/2014</td> </tr> <tr> <td>CHUN KIT LIU</td> <td>01/10/2014</td> </tr> </tbody> </table>		Name	Execution Date	CHI WAH CHENG	01/10/2014	HOI SHUEN TANG	01/10/2014	CHUN KIT LIU	01/10/2014
Name	Execution Date								
CHI WAH CHENG	01/10/2014								
HOI SHUEN TANG	01/10/2014								
CHUN KIT LIU	01/10/2014								
RECEIVING PARTY DATA									
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City:	SINGAPORE								
State/Country:	SINGAPORE								
Postal Code:	768924								
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>14146875</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14146875				
Property Type	Number								
Application Number:	14146875								
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NAME OF SUBMITTER:	ROBERT C. FABER								
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Date:	01/30/2014								
Total Attachments: 1 source=01550248#page1.tif									

PATENT

**PATENT APPLICATION ASSIGNMENT
SOLE OR JOINT INVENTORS
EXECUTED OUTSIDE U.S.A.**

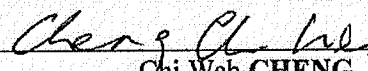
OUR FILE NO. P/4076-311

WHEREAS, We, Chi Wah CHENG, Hoi Shuen TANG, Chun Kit LIU as Assignors, have invented certain improvements in SINGULATION APPARATUS COMPRISING AN IMAGING DEVICE for which an application for United States Letters Patent has been executed by me of even date herewith; and

WHEREAS, ASM Technology Singapore Pte Ltd, a corporation organized under the laws of Singapore and having a principal place of business at 2 Yishun Avenue 7, Singapore 768924 as Assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I (We), as assignor(s), hereby sell, assign and set over to said assignee the entire right, title and interest for the United States in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute, reissue or reexamination applications and patents applied for or granted therefor in the United States and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself (ourselves) and my (our) legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States, the expenses incident to said applications to be borne and paid by said assignee.

Date: 10 Jan 2014


Chi Wah CHENG


Date: 10 Jan 2014


Hoi Shuen TANG

Date: 10 Jan 2014


Chun Kit LIU

Date: 10 Jan, 2014


Jupiter KONG, General Counsel
on behalf of ASM Technology Singapore Pte Ltd

LEGALIZATION RECOMMENDED
{01395886.1}