

PATENT ASSIGNMENT

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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>Anabie B. Borja</td> <td>02/12/2013</td> </tr> <tr> <td>Ana Liza B. Hubilla</td> <td>02/12/2013</td> </tr> <tr> <td>Ervin R. Iporac</td> <td>02/12/2013</td> </tr> </tbody> </table>		Name	Execution Date	Anabie B. Borja	02/12/2013	Ana Liza B. Hubilla	02/12/2013	Ervin R. Iporac	02/12/2013
Name	Execution Date								
Anabie B. Borja	02/12/2013								
Ana Liza B. Hubilla	02/12/2013								
Ervin R. Iporac	02/12/2013								
RECEIVING PARTY DATA									
Name:	HGST Netherlands B.V.								
Street Address:	Herikerbergweg 238								
Internal Address:	Luna ArenA								
City:	Amsterdam								
State/Country:	NETHERLANDS								
Postal Code:	1101 CM								
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>13766057</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13766057				
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Application Number:	13766057								
CORRESPONDENCE DATA									
Fax Number:	713-623-48								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	713-623-4844								
Email:	alivingston@pattersonsheridan.com, psdocketing@pattersonsheridan.com								
Correspondent Name:	PATTERSON & SHERIDAN, LLP / HGST								
Address Line 1:	3040 POST OAK BLVD.								
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Address Line 4:	HOUSTON, TEXAS 77056-6582								
ATTORNEY DOCKET NUMBER:	HSJ920120096US1								
NAME OF SUBMITTER:	C. Alexandra Livingston								
Total Attachments: 1 source=signedAssignment#page1.tif									

CH \$40.00 13766057

ASSIGNMENT FOR PATENT APPLICATION

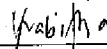
Whereas, I/we the undersigned inventor(s) have invented certain improvements as set forth in the patent application entitled:

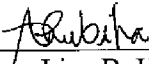
PROCEDURE ON BONDING USING MECHANICALLY-CONTROLLED BONDING TOOL


Whereas, **HGST Netherlands B.V.**, having a place of business at Herikerbergweg 238, Luna ArenA, 1101 CM Amsterdam, Netherlands (hereinafter referred to as "HGST"), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I/we, the above named, hereby sell, assign, and transfer to HGST, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to HGST, its successors and assigns; and we hereby agree that HGST may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by HGST.

Signed on the date(s) indicated beside my (our) signature(s).

- 1) Signature:  Date: 02-12-2013
Typed Name: Anabie B. Borja

- 2) Signature:  Date: 02-12-2013
Typed Name: Ana Liza B. Hubilla

- 3) Signature:  Date: 02-12-2013
Typed Name: Ervin R. Iporac