

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>JAMES MAC FREITAG</td> <td>12/06/2013</td> </tr> <tr> <td>YING HONG</td> <td>12/12/2013</td> </tr> <tr> <td>CHERNGYE HWANG</td> <td>11/27/2013</td> </tr> <tr> <td>STEFAN MAAT</td> <td>12/05/2013</td> </tr> <tr> <td>MASAYA NISHIOKA</td> <td>12/02/2013</td> </tr> <tr> <td>DAVID JOHN SEAGLE</td> <td>11/26/2013</td> </tr> <tr> <td>HICHAM MOULAY SOUGRATI</td> <td>11/27/2013</td> </tr> <tr> <td>SHUXIA WANG</td> <td>11/26/2013</td> </tr> <tr> <td>YI ZHENG</td> <td>12/05/2013</td> </tr> <tr> <td>HONGLIN ZHU</td> <td>12/02/2013</td> </tr> </tbody> </table>		Name	Execution Date	JAMES MAC FREITAG	12/06/2013	YING HONG	12/12/2013	CHERNGYE HWANG	11/27/2013	STEFAN MAAT	12/05/2013	MASAYA NISHIOKA	12/02/2013	DAVID JOHN SEAGLE	11/26/2013	HICHAM MOULAY SOUGRATI	11/27/2013	SHUXIA WANG	11/26/2013	YI ZHENG	12/05/2013	HONGLIN ZHU	12/02/2013
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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>14158552</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14158552																		
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Application Number:	14158552																						
CORRESPONDENCE DATA																							
Fax Number:	(713)623-4846																						
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>																							
Correspondent Name:	PATTERSON AND SHERIDAN, LLP																						

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ATTORNEY DOCKET NUMBER: H20131049US1

NAME OF SUBMITTER: STEVEN H. VERSTEEG

Signature: /Steven H. VerSteeg/

Date: 01/17/2014

Total Attachments: 10

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ASSIGNMENT FOR PATENT APPLICATION


Whereas, We the undersigned inventors have invented certain improvements as set forth in the patent application entitled:

RECESSED IRMN READER PROCESS

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, 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 dates indicated beside our signatures.

- 1) Signature:  Date: 12/06/2013
Typed Name: James Mac FREITAG
- 2) Signature: _____ Date: _____
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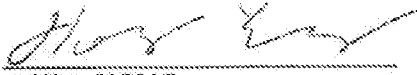
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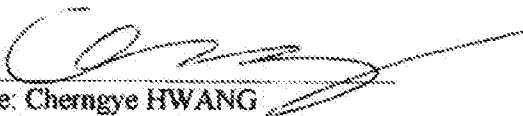
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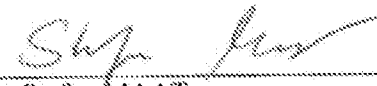
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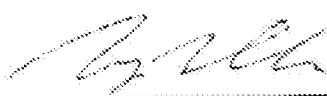
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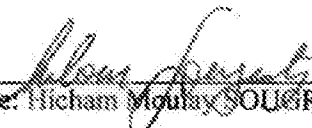
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