

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3999758

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNEE ADDRESS previously recorded on Reel 037023 Frame 0338. Assignor(s) hereby confirms the ASSIGNEE ADDRESS SHOULD READ AS HERIKERBERGWEG 238, LUNA ARENA, AMSTERDAM, NETHERLANDS 1101 CM.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ZVONIMIR Z. BANDIC	10/26/2015
LUIS CARGNINI	10/24/2015
KURT ALLAN RUBIN	10/26/2015
DEJAN VUCINIC	10/21/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HGST NETHERLANDS B.V.
<b>Street Address:</b>	HERIKERBERGWEG 238
<b>Internal Address:</b>	LUNA ARENA
<b>City:</b>	AMSTERDAM
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	1101 CM
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14924670
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(713)623-4846
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	7136234844
<b>Email:</b>	CFortier@pattersonsheridan.com, PSdocketing@pattersonsheridan.com
<b>Correspondent Name:</b>	PATTERSON & SHERIDAN, LLP
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<b>Address Line 2:</b>	SUITE 1600
<b>Address Line 4:</b>	HOUSTON, TEXAS 77046
<b>ATTORNEY DOCKET NUMBER:</b>	H20151136US1
<b>NAME OF SUBMITTER:</b>	STEVEN H. VERSTEEG
<b>SIGNATURE:</b>	/Steven H. VerSteeg/

<b>DATE SIGNED:</b>	08/09/2016
<b>Total Attachments: 3</b> source=H20151136US1_Assignment#page1.tif source=H20151136US1_Assignment#page2.tif source=H20151136US1_Assignment#page3.tif	

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ZVONIMIR Z. BANDIC	10/26/2015
LUIS CARGNINI	10/26/2015
KURT ALLAN RUBIN	10/26/2015
DEJAN VUCINIC	10/21/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HGST NETHERLANDS B.V.
<b>Street Address:</b>	HERIKERBERGWEG 238
<b>Internal Address:</b>	LUNA ARENA A
<b>City:</b>	AMSTERDAM
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	1101 CM
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14924670
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<b>Email:</b>	cthomas@pattersonsheridan.com, psdocketing@pattersonsheridan.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Correspondent Name:</b>	STEVEN H. VERSTEEG
<b>Address Line 1:</b>	24 GREENWAY PLAZA
<b>Address Line 2:</b>	SUITE 1600
<b>Address Line 4:</b>	HOUSTON, TEXAS 77046
<b>ATTORNEY DOCKET NUMBER:</b>	HGST/H20151136US1
<b>NAME OF SUBMITTER:</b>	STEVEN H. VERSTEEG
<b>Signature:</b>	/Steven H. VerSteeg/
<b>Date:</b>	11/02/2015

**PATENT**

**REEL: 039637 FRAME: 0365**

**Total Attachments: 1**  
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**RECEIPT INFORMATION**

**EPAS ID:** PAT3596829  
**Receipt Date:** 11/02/2015

**PATENT**

**REEL: 039637 FRAME: 0366**

## ASSIGNMENT FOR PATENT APPLICATION


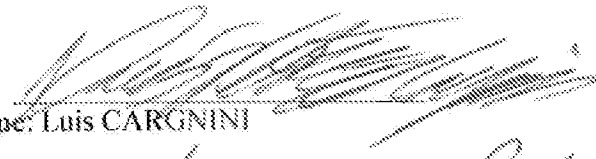
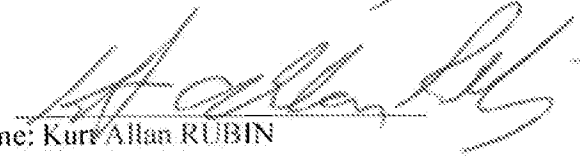
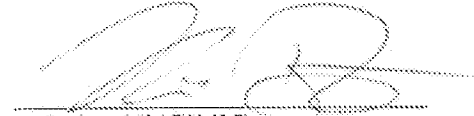
Whereas, We the undersigned inventors have invented certain improvements as set forth in the patent application entitled:

### MULTILAYER 3D MEMORY BASED ON NETWORK-ON-CHIP INTERCONNECTION

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:   
Typed Name: Zvonimir Z. BANDIC Date: 10/26/2015
- 2) Signature:   
Typed Name: Luis CARGNINI Date: 10/24/2015
- 3) Signature:   
Typed Name: Kurt Allan RUBIN Date: 10/26/2015
- 4) Signature:   
Typed Name: Dejan VUCINIC Date: 10-21-2015