

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	MAC D. APODACA	03/08/2016
	DANIEL ROBERT SHEPARD	03/09/2016
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		
Property Type	Number	
Application Number:	15068213	
CORRESPONDENCE DATA		
Fax Number:		
<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>		
Email:	cthomas@pattersonsheridan.com, psdocketing@pattersonsheridan.com	
Correspondent Name:	PATTERSON & SHERIDAN, LLP	
Address Line 1:	24 GREENWAY PLAZA	
Address Line 2:	SUITE 1600	
Address Line 4:	HOUSTON, TEXAS 77046	
ATTORNEY DOCKET NUMBER:	H20151284US1	
NAME OF SUBMITTER:	STEVEN H. VERSTEEG	
SIGNATURE:	/Steven H. VerSteeg/	
DATE SIGNED:	03/14/2016	
Total Attachments: 2		
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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:

MEMORY CELL LOCATED PULSE GENERATOR

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: Mac D. APODACA

Date: March 8, 2016

2) Signature: _____
Typed Name: Daniel Robert SHEPARD

Date: _____

ASSIGNMENT FOR PATENT APPLICATION

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

MEMORY CELL LOCATED PULSE GENERATOR

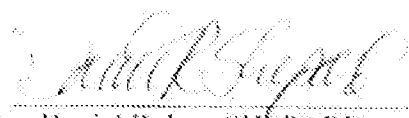
Whereas, **HGST Netherlands B.V.**, having a place of business at Herikerbergweg 238, Luna ArenA, 1101 CM Amsterdam, Netherlands (hereinafter referred to as "HGST"), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents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

Date: _____

2) Signature: 
Typed Name: Daniel Robert SHE-PARD

Date: March 9, 2016