

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4189017

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PATRICK M. BRAGANCA	12/19/2013
JORDAN A. KATINE	12/19/2013
YANG LI	12/20/2013
NEIL L. ROBERTSON	12/20/2013
QINGBO WANG	01/06/2014
HAIWEN XI	12/30/2013
<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>
Application Number:	15257741
<b>CORRESPONDENCE DATA</b>	
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<b>Correspondent Name:</b>	ZILKA-KOTAB, PC
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<b>Address Line 4:</b>	SAN JOSE, CALIFORNIA 95112
<b>ATTORNEY DOCKET NUMBER:</b>	HIT1P768A/H20131018US2
<b>NAME OF SUBMITTER:</b>	DOMINIC M. KOTAB
<b>SIGNATURE:</b>	/Dominic M. Kotab/
<b>DATE SIGNED:</b>	12/16/2016

PATENT

**Total Attachments: 4**

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## ASSIGNMENT OF PATENT APPLICATION

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


### RANDOM NUMBER GENERATOR BY SUPERPARAMAGNETISM

(Atty. Docket No.: HIT1P768/H20131018) for which I (we) have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to HGST Netherlands B.V., a corporation having a place of business at Herikerbergweg 238, Luna ArenA, 1101 CM Amsterdam, The Netherlands, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

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

- 1) Signature:  Date: 12/13/13  
Typed Name: Patrick M. Braganca
- 2) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: Jordan A. Katine

## ASSIGNMENT OF PATENT APPLICATION

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### RANDOM NUMBER GENERATOR BY SUPERPARAMAGNETISM

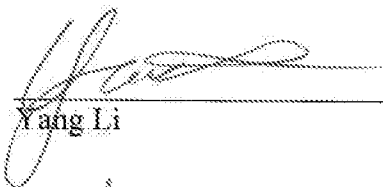

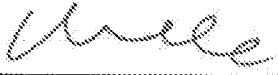
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Signed on the date(s) indicated beside my (our) signature(s).

- 1) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: Patrick M. Braganca
- 2) Signature:  \_\_\_\_\_ Date: 12/19/13  
Typed Name: Jordan A. Katine

- 3) Signature:  Date: 12/20/2013  
Typed Name: Yang Li
- 4) Signature:  Date: 12/20/2013  
Typed Name: Neil L. Robertson
- 5) Signature:  Date: 01/06/2014  
Typed Name: Qingbo Wang
- 6) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: Haiwen Xi

- 3) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
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