

PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jordan Asher Katine	04/23/2013
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13869005
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Signature:	/Thomas R. Berthold/
Date:	04/23/2013
Total Attachments: 1 source=HSJ920130021US1_AssignmentSigned#page1.tif	

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ASSIGNMENT FOR PATENT APPLICATION

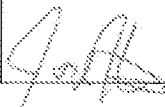
Whereas, I/we the undersigned inventor(s) have invented certain improvements as set forth in the patent application entitled:

CURRENT-PERPENDICULAR-TO-THE-PLANE TUNNELING MAGNETORESISTIVE (CPP TMR) SENSOR WITH EXTENDED PINNED LAYER AND METHOD FOR MAKING THE SENSOR

Whereas, **HGST Netherlands B.V.**, having a place of business at Herikerbergweg 238, Luna ArenA, 1101 CM Amsterdam, The 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.	Full Name	Jordan Asher Katine
	Inventor's Signature	 date 4/23/13
2.	Full Name	
	Inventor's Signature	date
3.	Full Name	
	Inventor's Signature	date
4.	Full Name	
	Inventor's Signature	date