

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4507388

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARK ISLER	07/13/2017
KLAUS REIMANN	07/14/2017
HARTMUT MATZ	07/13/2017
JÖRG KOCK	07/17/2017
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State/Country:	NETHERLANDS
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15652311
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DATE SIGNED:	07/18/2017
Total Attachments: 2	
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JOINT ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, as a below-named Assignor, hereby sell, assign, and transfer the entire and exclusive right, title, and interest in the following to **NXP B.V.**, having a place of business at High Tech Campus 60, NL-5656 AG, Eindhoven, NL, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) our invention relating to "**METHOD OF FORMING TUNNEL MAGNETORESISTANCE (TMR) ELEMENTS AND TMR SENSOR ELEMENT**" for which the following patent application(s) has/have been filed (I/we hereby authorize and request my/our attorneys associated with U.S. Patent & Trademark Office Customer Number 65913 to insert below the filing date and application number of the U.S. application when known):

<u>Country</u>	<u>Application No.</u>	<u>Filing Date (mm/dd/yyyy)</u>	<u>Claims Priority of</u>
US	15/652311	07/18/2017	

and

(2) the foregoing application(s) and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority there from including, but not limited to, any and all provisionals, non-provisionals, divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and

(3) the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to **NXP B.V.**, for its sole use, and that of its successors, assigns, and legal representatives.

We will provide our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, we agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecutorial actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee.

We certify that we have the full right to convey the above rights.

13.7.2017 _____, Assignor
Date Mark Isler

_____, Assignor
Date Klaus Reimann

13.07.2017 _____, Assignor
Date Hartmut Matz

17.07.2017 _____, Assignor
Date Jörg Kock

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US	15/652311	07/18/2017	

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We certify that we have the full right to convey the above rights.

_____, Assignor
Date Mark Isler

14 July 2017 _____, Assignor
Date Klaus Reimann

_____, Assignor
Date Hartmut Matz

_____, Assignor
Date Jörg Kock