

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6653609

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SUSHIL SAKHARE	02/22/2020
KEVIN GARELLO	02/24/2020
MOHIT GUPTA	03/19/2020
MANU KOMALAN PERUMKUNNIL	04/23/2020
RECEIVING PARTY DATA	
Name:	IMEC VZW
Street Address:	KAPELDREEF 75
City:	LEUVEN
State/Country:	BELGIUM
Postal Code:	3001
Name:	KATHOLIEKE UNIVERSITEIT LEUVEN
Street Address:	KU LEUVEN R&D, WAAISTRAAT 6 - BOX 5105
City:	LEUVEN
State/Country:	BELGIUM
Postal Code:	3000
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16716024
CORRESPONDENCE DATA	
Fax Number:	(949)760-9502
<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>	
Phone:	9497600404
Email:	efiling@knobbe.com
Correspondent Name:	KNOBBE, MARTENS, OLSON & BEAR, LLP
Address Line 1:	2040 MAIN STREET, 14TH FLOOR
Address Line 4:	IRVINE, CALIFORNIA 92614
ATTORNEY DOCKET NUMBER:	IMEC1091.001AUS
NAME OF SUBMITTER:	KYU MIN

SIGNATURE:	/Kyu Min/
DATE SIGNED:	04/13/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 6 source=Signed Assignment - IMEC1091.001AUS#page1.tif source=Signed Assignment - IMEC1091.001AUS#page2.tif source=Signed Assignment - IMEC1091.001AUS#page3.tif source=Signed Assignment - IMEC1091.001AUS#page4.tif source=Signed Assignment - IMEC1091.001AUS#page5.tif source=Signed Assignment - IMEC1091.001AUS#page6.tif	

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: IMEC1091.001AUS

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Title: SPIN ORBIT TORQUE MAGNETORESISTIVE RANDOM ACCESS MEMORY DEVICE

Inventors: Sushil Sakhare, Kevin Garello, Mohit Gupta, and Manu Komalan Perumkunnil

Declaration

This Declaration is directed to U.S. or International Application No. **16/716,024**, filed December 16, 2019 and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventors

WHEREAS, **above-identified inventors** (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental designs, or discoveries related to **SPIN ORBIT TORQUE MAGNETORESISTIVE RANDOM ACCESS MEMORY DEVICE** (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been filed or prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application"), and ASSIGNOR desires to assign or confirm assignment of the Work and the Application to the below identified Assignee.

AND WHEREAS, **IMEC vzw**, with its principal place of business at **Kapeldreef 75, 3001 Leuven, Belgium** (hereinafter the "ASSIGNEE"), desires to acquire or confirm ownership of the entire right, title, and interest in and to the Application and the Work.

AND WHEREAS, **Katholieke Universiteit Leuven**, with its principal place of business at **KU LEUVEN R&D, Waaistraat 6 - box 5105, 3000 Leuven, Belgium** (hereinafter the "ASSIGNEE"), desires to acquire or confirm ownership of the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred, and set over, and by these presents does hereby sell, assign, transfer, and set over, unto said ASSIGNEE, **its** successors, legal representatives, and assigns, the entire right, title, and interest throughout the world in and to the Application and the Work, including: all provisional applications relating to the Work and the Application; all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof; and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals, and reissues thereof.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on

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Inventors: Sushil Sakhare, Kevin Garelo, Mohit Gupta, and Manu Komalan Perumkunnil

applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives, and assigns.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will: communicate to said ASSIGNEE, its successors, legal representatives, and assigns any facts known to ASSIGNOR respecting the Work; testify in any legal proceeding; assist in the preparation of any other Patent Property relating to the Application and the Work or any improvements made thereto; sign/execute all lawful papers; authorize the filing of, execute, and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications; and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for the Work in all countries.

Legal Name of Inventor: Sushil Sakhare

Signature: _____

Date: 22/02/2020

Witnessed by: _____

Witness Name (printed): LUCA MATTII

Legal Name of Inventor: Kevin Garelo

Signature: _____

Date: _____

Witnessed by: _____

Witness Name (printed): _____

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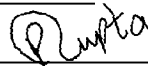
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Title: SPIN ORBIT TORQUE MAGNETORESISTIVE RANDOM ACCESS MEMORY DEVICE

Inventors: Sushil Sakhare, Kevin Garello, Mohit Gupta, and Manu Komalan Perumkunnil

Legal Name of Inventor: Mohit Gupta

Signature: Es. MK Gupta. Date: 19/03/2020

Witnessed by: 

Witness Name (printed): Purna Gupta

Legal Name of Inventor: Manu Komalan Perumkunnil

Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

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ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on

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Legal Name of Inventor: Sushil Sakhare

Signature: _____ Date: _____

Witnessed by: _____

Witness Name (printed): _____

Legal Name of Inventor: Kevin Garelio

Signature:  _____ Date: 24/02/2020

Witnessed by: Farrukh Yasin

Witness Name (printed): FARRUKH YASIN

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Inventors: Sushil Sakhare, Kevin Garella, Mohit Gupta, and Manu Komalan Perumkunnil

Legal Name of Inventor: Mohit Gupta

Signature _____ Date _____

Witnessed by _____

Witness Name (printed): _____

Legal Name of Inventor: Manu Komalan Perumkunnil

Signature:  Date: 23/04/2020

Witnessed by: Timon Evenblij

Witness Name (printed): Timon Evenblij



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