

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7315358

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JON D. TRANTHAM	04/13/2022
PRAVEEN VIRARAGHAVAN	01/10/2022
JOHN W. DYKES	04/26/2022
IAN J. GILBERT	01/10/2022
SANGITA SHREEDHARAN KALARICKAL	01/24/2022
MATTHEW J. TOTIN	01/10/2022
MOHAMAD EL-BATAL	04/08/2022
DARSHANA H. MEHTA	01/12/2022
RECEIVING PARTY DATA	
Name:	SEAGATE TECHNOLOGY LLC
Street Address:	47488 KATO ROAD
City:	FRE
State/Country:	CALIFORNIA
Postal Code:	94538
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17719637
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	STL075591
NAME OF SUBMITTER:	RANDALL K. MCCARTHY
SIGNATURE:	/Randall K. McCarthy/

DATE SIGNED:	05/05/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 9 source=STL075591_CombinedAssignmentDeclaration#page1.tif source=STL075591_CombinedAssignmentDeclaration#page2.tif source=STL075591_CombinedAssignmentDeclaration#page3.tif source=STL075591_CombinedAssignmentDeclaration#page4.tif source=STL075591_CombinedAssignmentDeclaration#page5.tif source=STL075591_CombinedAssignmentDeclaration#page6.tif source=STL075591_CombinedAssignmentDeclaration#page7.tif source=STL075591_CombinedAssignmentDeclaration#page8.tif source=STL075591_CombinedAssignmentDeclaration#page9.tif	

COMBINED ASSIGNMENT-DECLARATION

Seagate Docket No. : STL075591

WHEREAS, Jon D. Trantham of Chanhassen, MN, Praveen Viraraghavan of Chicago, IL, John W. Dykes of Eden Prairie, MN, Ian J. Gilbert of Chanhassen, MN, Sangita Shreedharan Kalarickal of Eden Prairie, MN, Matthew J. Totin of Excelsior, MN, Mohamad El-Batal of Superior, CO and Darshana H. Mehta of Shakopee, MN is/are the inventor(s) of an invention entitled FRONT END BUFFER HAVING FERROELECTRIC FIELD EFFECT TRANSISTOR (FeFET) BASED MEMORY that is the subject matter of: (check all that apply)

- a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. _____ filed on _____;
- an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. 17/719,637 filed on 04-13-2022 and/or executed on even date herewith: and
- an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is identifiable in the United States Receiving Office by Application No. _____ filed on _____; and/or executed on even date herewith:


WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under the laws of the State of Delaware and the United States of America, and having offices at 47488 Kato Road, Fremont, CA 94538 USA, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and I authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above identified international application and any international application for the invention.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation or proceeding.

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 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.



Jon D. Trantham (Inventor)
4/13/2022

Date

Praveen Viraraghavan (Inventor)

Date

John W. Dykes (Inventor)

Date

Ian J. Gilbert (Inventor)

Date

Sangita Shreedharan Kalarickal (Inventor)

Date

Matthew J. Totin (Inventor)

Date

Mohamad El-Batal (Inventor)

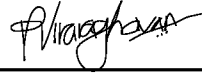
Date

Darshana H. Mehta (Inventor)

Date

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Date



Praveen Viraraghavan (Inventor)

01-10-2022

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John W Dykes

John W. Dykes (Inventor)

26 April 2022

Date

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Date

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Date

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Date

John W. Dykes (Inventor)

Date

Ian J. Gilbert (Inventor)

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Sangita Shreedharan Kalarickal (Inventor)

Date 1/24/2022

Matthew J. Totin (Inventor)

Date

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Date

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Date

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Date

John W. Dykes (Inventor)

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Ian J. Gilbert (Inventor)

Date

Sangita Shreedharan Kalarickal (Inventor)

Date



Matthew J. Totin (Inventor)

Jan 10th 2022

Date

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Date

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Date

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Ian J. Gilbert (Inventor)

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Sangita Shreedharan Kalarickal (Inventor)

Date

Matthew J. Totin (Inventor)

Date



Mohamad El-Batal (Inventor)

4-8-2022

Date

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Date

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Date

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Date

Ian J. Gilbert (Inventor)

Date

Sangita Shreedharan Kalarickal (Inventor)

Date

Matthew J. Totin (Inventor)

Date

Mohamad El-Batal (Inventor)

Date



Darshana H. Mehta (Inventor)

Date

01/12/22