

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5141323

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ABHISHEK A. SHARMA	09/10/2018
JUAN G. ALZATE-VINASCO	09/10/2018
FAITH HAMZAOGLU	09/10/2018
BERNHARD SELL	09/05/2018
PEI-HUA WANG	09/10/2018
VAN H. LE	09/10/2018
JACK T. KAVALIEROS	09/13/2018
TAHIR GHANI	09/10/2018
UMUT ARSLAN	09/10/2018
TRAVIS W. LAJOIE	09/10/2018
CHIEH-JEN KU	09/10/2018
RECEIVING PARTY DATA	
Name:	INTEL CORPORATION
Street Address:	2200 MISSION COLLEGE BOULEVARD
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16043548
CORRESPONDENCE DATA	
Fax Number:	(972)226-4837
<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:	617-268-6487
Email:	liseann@patcapgroup.com,docteting@patcapgroup.com
Correspondent Name:	NATALYA HARTMANN
Address Line 1:	2816 LAGO VISTA LANE
Address Line 2:	PATENT CAPITAL GROUP
Address Line 4:	ROCKWALL, TEXAS 75032

PATENT

ATTORNEY DOCKET NUMBER:	AB1750-US
NAME OF SUBMITTER:	LISE ANN RUGGERI-KALIL
SIGNATURE:	/LISE ANN RUGGERI-KALIL/
DATE SIGNED:	09/14/2018

Total Attachments: 12

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ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

**Abhishek A. Sharma
Juan G. Alzate-Vinasco
Fatih Hamzaoglu
Bernhard Sell
Pei-hua Wang
Van H. Le
Jack T. Kavalieros
Tahir Ghani
Umut Arslan
Travis W. Lajoie
Chieh-jen Ku**

hereby sell, assign, and transfer to:

INTEL CORPORATION

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California, 95054 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

STACKED THIN-FILM TRANSISTOR BASED EMBEDDED DYNAMIC RANDOM-ACCESS MEMORY

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on July 24, 2018 as
US Application Number 16/043,548 and
COUNTRY or International Office

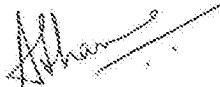
which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not

limited to provisional, design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.



Abhishek A. Sharma

09/10/2018
(Today's Date)



Juan G. Alzate-Vinasco

09/10/18
(Today's Date)



Fatih Hamzaoglu

09/10/18
(Today's Date)

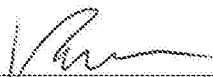
Bernhard Sell

(Today's Date)



Pei-hua Wang

9/10/18
(Today's Date)

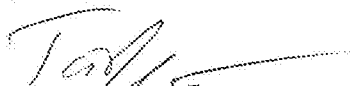


Van H. Le

9/10/18
(Today's Date)

Jack T. Kavalieros

(Today's Date)



Travis W. Lajoie

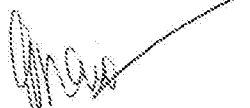
9/10/2018
(Today's Date)



Chieh-jen Ku

9/10/2018
(Today's Date)

Attorney Docket No.: AB1750-US



Tahir Ghani

9/10/18

(Today's Date)



Umut Arslan

9/10/2018

(Today's Date)

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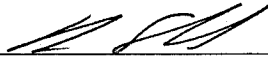
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_____ Abhishek A. Sharma	_____ (Today's Date)
_____ Juan G. Alzate-Vinasco	_____ (Today's Date)
_____ Fatih Hamzaoglu	_____ (Today's Date)
 _____ Bernhard Sell	<u>9/5/2018</u> (Today's Date)
_____ Pei-hua Wang	_____ (Today's Date)
_____ Van H. Le	_____ (Today's Date)
_____ Jack T. Kavalieros	_____ (Today's Date)

Jack T. Kavalieros

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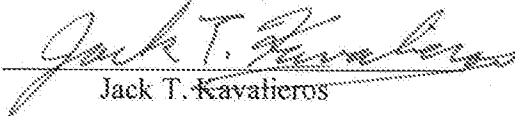
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