

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ASSAF ASBAG	01/02/2018
BOAZ COHEN	11/22/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	APPLIED MATERIALS ISRAEL LTD.
<b>Street Address:</b>	9 OPPENHEIMER STREET
<b>Internal Address:</b>	PARK RABIN
<b>City:</b>	REHOVOT
<b>State/Country:</b>	ISRAEL
<b>Postal Code:</b>	7670109
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15719433
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(650)328-2799
<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>	
<b>Phone:</b>	650-433-5800
<b>Email:</b>	escaletta@lowenstein.com
<b>Correspondent Name:</b>	LOWENSTEIN SANDLER LLP
<b>Address Line 1:</b>	ONE LOWENSTEIN DRIVE
<b>Address Line 4:</b>	ROSELAND, NEW JERSEY 07068
<b>ATTORNEY DOCKET NUMBER:</b>	08090.297 (L0114)
<b>NAME OF SUBMITTER:</b>	MARINA PORTNOVA
<b>SIGNATURE:</b>	/Marina Portnova/
<b>DATE SIGNED:</b>	02/01/2018
<b>Total Attachments: 2</b>	
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## ASSIGNMENT

I(we), Inventor(s)

Full Name of Inventor: Assaf ASBAG  
 Citizenship: Israeli  
 Post Office Address: 26 Livne Street, Alfei Menashe 4485100  
 Israel

Full Name of Inventor: Boaz COHEN  
 Citizenship: Israeli  
 Post Office Address: 18 Sivchi Street, Lehavim 8533800  
 Israel

(collectively, herein, the "Inventor(s)"),

for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the undersigned agree(s) to assign, and hereby do (does) assign, transfer and set over to

Name of Assignee: Applied Materials Israel Ltd.  
 Israeli Company, of  
 Address of Assignee: 9 Oppenheimer Street  
 Park Rabin  
 Rehovot 7670109  
 Israel

(hereinafter designated as the "Assignee") the entire right, title and interest throughout the world, in the invention, and all applications for patent and any Letters Patent, which may be granted therefor (hereinafter referred to as the "Patents"), as well as the right to claim priority from the first application filed for the invention known as

Title: **SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR CLASSIFYING A MULTIPLICITY OF ITEMS**

(hereinafter referred to as the "Invention") for which a patent application was filed in **United States of America**, on **September 28, 2017** and accorded serial number **15/719,433**. In executing this Assignment the Inventor(s) agree(s):

1) To execute all papers necessary in connection with the Patents and any continuing or divisional or reissue applications thereof and also to execute separate assignments in connection with such Patents as the Assignee may deem necessary or expedient or essential to its full protection and title in and to the Invention and to obtain the grant of valid patents;

2) To execute all papers necessary in connection with any legal proceedings in connection with the Patents which may be declared concerning the Patents (including, without limitation, opposition, post grant review, inter partes proceedings and infringement) and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with legal proceedings;

3) To perform all affirmative acts which may be necessary to obtain a grant of valid patents to the Assignee;

4) To communicate to the Assignee or representatives thereof any facts known to me (us) respecting the Invention and improvements thereof, and will, upon request, but without expense to me (us), testify in any legal proceedings regarding the Invention or the Patents;

5) To authorize(s) and request(s) the competent patent authority to issue any and all Letters Patents on any application for the Invention to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith;

6) That all existing rights and future rights relating to the Invention and the Patents are hereby assigned; and

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**PATENT**  
**REEL: 044805 FRAME: 0667**

7) That this Assignment shall be binding upon my (our) heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns of the Assignee.

In witness whereof, executed by the undersigned Inventor(s) and Assignee on the date(s) opposite the undersigned name(s).

**Inventor(s):**

Full Name of Inventor: Assaf ASBAG

Inventor's Signature: Assaf ASBAG Date: 2.1.2018

Witness \_\_\_\_\_

Full Name of Inventor: Boaz COHEN

Inventor's Signature: [Signature] Date: 22/11/17

Witness \_\_\_\_\_

**Assignee:**

Full Name of Assignee: Applied Materials Israel Ltd.

By (name and title):  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Witness \_\_\_\_\_