504839232 03/28/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PO-HSUN WANG	03/01/2018
CHIA-HSIN CHAO	03/01/2018
MING-HSIEN WU	03/01/2018
YEN-HSIANG FANG	03/01/2018
CHIEN-CHUNG LIN	03/12/2018
MING-JER KAO	03/13/2018
FENG-PIN CHANG	03/09/2018

RECEIVING PARTY DATA

Name:	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE
Street Address:	NO. 195, SEC. 4, CHUNG HSING RD., CHUTUNG,
City:	HSINCHU
State/Country:	TAIWAN
Postal Code:	31040
Name:	MACROBLOCK, INC.
Street Address:	6F4, NO.18, PUDING RD., EAST DIST.,
City:	HSINCHU CITY
State/Country:	TAIWAN
Postal Code:	300

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15935069	

CORRESPONDENCE DATA

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PATENT 504839232 REEL: 045364 FRAME: 0300

ATTORNEY DOCKET NUMBER:	72561-US-PA
NAME OF SUBMITTER:	BELINDA LEE
SIGNATURE:	/Belinda Lee/
DATE SIGNED:	03/28/2018
Total Attachments: 2	

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> PATENT REEL: 045364 FRAME: 0301

ASSIGNMENT

WHEREAS.

- 1. Po-Hsun Wang
- 3. Ming-Hsien Wu
- 5. Chien-Chung Lin
- 7. Feng-Pin Chang

- 2. Chia-Hsin Chao
- 4. Yen-Hsiang Fang
- 6. Ming-Jer Kao

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: DISPLAY DEVICE

[] Filed:

Serial No.

[x] Executed concurrently with the execution of this instrument

WHEREAS 1. Industrial Technology Research Institute

No. 195, Sec. 4. Chung Hsing Rd., Chutung, Hsinchu 31040, Taiwan, R. O. C.

2. Macroblock, Inc.

6F.-4, No.18, Puding Rd., East Dist., Hsinchu City 300, Taiwan (R.O.C.)

hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said rights, title and interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

RECORDED: 03/28/2018

ASSIGNMENT CONTINUED

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Signature: Po-Hsun Wang	Date: _	3/1/2018	
Sole or First Joint Inventor: Po-Hsun Wang			
,			
Signature: Charlin Chars	Date:	1/1/218	
Second Joint Inventor (if any); Chia-Hsin Chao			
Signature: Ming - Vision Wa	Date:	3/1/2018.	
Third Joint Inventor (if any): Ming-Hsien Wu			
Signature: Yen 1 filang Fang	Date: _	3/1/2018	
Fourth Joint Inventor (if any): Yen-Hsiang Fang	2000		
Signature: Wien-Chuftin	Date:	3/12/2018	
Fifth Joint Inventor (if any): Chien-Chung Lin			
Signature: My Kao	Date: _	3/13/2018	
Sixth Joint Inventor (if any): Ming-Jer Kao		<i>,</i>	
Signature: Feng-Pin Chang	Date:	3/9/2018	
Seventh Joint Inventor (if any): Feng-Pin Chang			

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