

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4857682

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
EUISIK YOON	03/06/2018
JIHYUN CHO	09/06/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE REGENTS OF THE UNIVERSITY OF MICHIGAN
<b>Street Address:</b>	1600 HURON PARKWAY, 2ND FLOOR
<b>City:</b>	ANN ARBOR
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48109-2590
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15176980
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(248)689-4071
<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>	248-689-3500
<b>Email:</b>	tack@reising.com
<b>Correspondent Name:</b>	JAMES D. STEVENS REISING ETHINGTON P.C.
<b>Address Line 1:</b>	P.O. BOX 4390
<b>Address Line 4:</b>	TROY, MICHIGAN 48099
<b>ATTORNEY DOCKET NUMBER:</b>	7935-3111-US2
<b>NAME OF SUBMITTER:</b>	PAULA TACK
<b>SIGNATURE:</b>	/paula tack/
<b>DATE SIGNED:</b>	03/08/2018
<b>Total Attachments: 2</b>	
source=Assignment-signed#page1.tif	
source=Assignment-signed#page2.tif	

## ASSIGNMENT

For the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

Euisik YOON, residing at 3010 Andora Drive, Ypsilanti, MI 48198  
[Full Name of Assignor #1] [Residence Address]

Jihyun CHO, residing at 20711 Celeste Cir. Cupertino CA 95014  
[Full Name of Assignor #2] [Residence Address]

\_\_\_\_\_, residing at \_\_\_\_\_  
[Full Name of Assignor #3] [Residence Address]

\_\_\_\_\_, residing at \_\_\_\_\_  
[Full Name of Assignor #4] [Residence Address]

do hereby assign, sell and set over to:

The Regents of The University of Michigan, located at  
[Full Legal Name of Assignee]  
1600 Huron Parkway, 2nd Floor, Ann Arbor, MI 48109-2590  
[Assignee's Address]

(hereinafter referred to as Assignee), its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to any and all patent rights covering inventions and discoveries set forth in the application for United States Letters patent, entitled:

PIXEL CIRCUIT AND METHOD FOR OPTICAL SENSING  
[Patent Application Title]

including, but not limited to, the entire right, title and interest in the following patent application(s):

Application No. 62/172,728, filed June 8, 2015,


Application No. 15/176,980, filed June 8, 2016,

Application No. \_\_\_\_\_, filed \_\_\_\_\_,

including the right of said Assignee, its successors, assigns or other legal representatives to make applications, including original, continuation, and divisional applications, and to receive Letters Patent covering said inventions and discoveries in the United States and in any and all foreign countries. And the undersigned hereby assign, sell and set over to said Assignee, its successors, assigns or other legal representatives, all rights of priority in and to said patent applications in all countries. The Assignee and its agents are authorized to insert the Serial Number and Filing Date of any such patent application(s) in the spaces provided above.

The undersigned hereby represent and warrant that no rights have been granted that are inconsistent with the rights being granted herein. Further, the undersigned hereby agree to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said Assignee, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

Date: September 6, 2017

\_\_\_\_\_  
Euisik YOON  
  
\_\_\_\_\_  
Jihyun CHO

## ASSIGNMENT

For the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

Euisik YOON, residing at 3010 Andora Drive, Ypsilanti, MI 48198  
[Full Name of Assignor #1] [Residence Address]

Jihyun CHO, residing at 20711 Celeste Cir. Cupertino CA 95014  
[Full Name of Assignor #2] [Residence Address]

\_\_\_\_\_, residing at \_\_\_\_\_  
[Full Name of Assignor #3] [Residence Address]

\_\_\_\_\_, residing at \_\_\_\_\_  
[Full Name of Assignor #4] [Residence Address]

do hereby assign, sell and set over to:

The Regents of The University of Michigan, located at  
[Full Legal Name of Assignee]

1600 Huron Parkway, 2nd Floor, Ann Arbor, MI 48109-2590  
[Assignee's Address]

(hereinafter referred to as Assignee), its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to any and all patent rights covering inventions and discoveries set forth in the application for United States Letters patent, entitled:

PIXEL CIRCUIT AND METHOD FOR OPTICAL SENSING  
[Patent Application Title]

including, but not limited to, the entire right, title and interest in the following patent application(s):

Application No. 62/172,728, filed June 8, 2015,

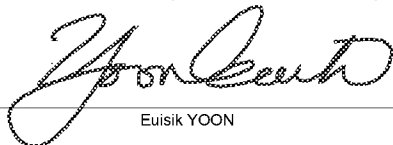
Application No. 15/176,980, filed June 8, 2016,

Application No. \_\_\_\_\_, filed \_\_\_\_\_,

including the right of said Assignee, its successors, assigns or other legal representatives to make applications, including original, continuation, and divisional applications, and to receive Letters Patent covering said inventions and discoveries in the United States and in any and all foreign countries. And the undersigned hereby assign, sell and set over to said Assignee, its successors, assigns or other legal representatives, all rights of priority in and to said patent applications in all countries. The Assignee and its agents are authorized to insert the Serial Number and Filing Date of any such patent application(s) in the spaces provided above.

The undersigned hereby represent and warrant that no rights have been granted that are inconsistent with the rights being granted herein. Further, the undersigned hereby agree to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said Assignee, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

Date: \_\_\_\_\_

  
Euisik YOON

\_\_\_\_\_  
Jihyun CHO

\_\_\_\_\_  
Euisik YOON