504810948 03/08/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4857682

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EUISIK YOON	03/06/2018
JIHYUN CHO	09/06/2017

RECEIVING PARTY DATA

Name:	THE REGENTS OF THE UNIVERSITY OF MICHIGAN
Street Address:	1600 HURON PARKWAY, 2ND FLOOR
City:	ANN ARBOR
State/Country:	MICHIGAN
Postal Code:	48109-2590

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15176980	

CORRESPONDENCE DATA

Fax Number: (248)689-4071

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.

Phone: 248-689-3500 Email: tack@reising.com

Correspondent Name: JAMES D. STEVENS REISING ETHINGTON P.C.

Address Line 1: P.O. BOX 4390

Address Line 4: TROY, MICHIGAN 48099

ATTORNEY DOCKET NUMBER:	7935-3111-US2
NAME OF SUBMITTER:	PAULA TACK
SIGNATURE:	/paula tack/
DATE SIGNED:	03/08/2018

Total Attachments: 2

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PATENT 504810948 REEL: 045146 FRAME: 0841

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 [Full Name of Assignor #1]	, residing at 3	8010 Andora	Drive, Ypsilanti, MI 48198 [Residence Address]	
Jihyun CHO	, residing at 2	, residing at 20711 Celeste Cir. Cupertino CA 95014 [Residence Address]		
[Full Name of Assignor #2]	, residing at _			
[Full Name of Assignor #3]			[Residence Address]	
[Full Name of Assignor #4]	, residing at _		[Residence Address]	
do hereby assign, sell and	set over to:			
	The Regents of The	University o	f Michigan	, located at
16	00 Huron Parkway, 2	, , ,	n Arbor, MI 48109-2590	
and interest, domestic and forth in the application for	foreign, in and to as United States Letter	ny and all pa s patent, enti	or other legal representative tent rights covering inventional tled: OR OPTICAL SENSING	
		pplication Title]		
including, but not limited	to, the entire right, til	tle and intere	st in the following patent app	plication(s):
Application No	62/172,728	, filed	June 8, 2015 ,	
Application No	15/176,980	, filed	June 8, 2016 ,	
Application No		, filed		
including original, contininventions and discoverie hereby assign, sell and so rights of priority in and to to insert the Serial Numbe. The undersigned here the rights being granted he applications for Letters Pawhich said Assignee, its thereto the rights herein as	suation, and divisions in the United States to over to said Assignated patent applications and Filing Date of a by represent and war rein. Further, the untent of any and all kinguccessors, assigns signed, sold and set of the successors.	nal applications and in any gnee, its successions in all country such pater and that no adersigned he ands and in any or other leg	or other legal representatives ons, and to receive Letters and all foreign countries. Cessors, assigns or other legantries. The Assignee and it application(s) in the spacinghts have been granted that the areby agree to execute any army and all countries and to peal representatives may deer	Patent covering said And the undersigned gal representatives, all s agents are authorized es provided above. at are inconsistent with and all papers, including erform any and all acts
Date: September 6, 20	17			
			Euisik YOON	,
			/Thyun Cl	40
			Jihyun CHO	

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REEL: 045146 FRAME: 0842

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:

, residing at	3010 Andora	Drive, Ypsilanti, MI 48198	
		[Residence Address]	
, residing at	20711 Celest		
regiding et		[Tashanae Haaress]	
, residing at		[Residence Address]	
residing at			
		[Residence Address]	
d set over to:			
The Regents of Th	ne University o	f Michigan	, located at
		n Arbor, MI 48109-2590	
-			
			ns and discoveries se
or United States Lette	ers patent, enti	tled:	
PIXEL CIRCUIT ANI	METHOD FO	OR OPTICAL SENSING	
[Paten	t Application Title]		
I to, the entire right, t	title and intere	st in the following patent app	lication(s):
62/172,728	, filed	June 8, 2015 ,	
15/176,980	, filed	June 8, 2016,	
	, filed	,	
inuation, and division in the United States over to said Associated patent application of any and all linear the states of any any and all linear the states of any a	onal application tes and in any ignee, its succeions in all course arrant that no andersigned he winds and in any sor other leg	ons, and to receive Letters and all foreign countries. cessors, assigns or other legantries. The Assignee and its ent application(s) in the space rights have been granted that reby agree to execute any and all countries and to pe	Patent covering said And the undersigneral representatives, all agents are authorized sprovided above, are inconsistent with all papers, including a rform any and all activations.

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