# 503024992 10/20/2014

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
THERESA S. MAYER	09/17/2014
XIAOMING LIU	09/24/2014

### **RECEIVING PARTY DATA**

Name:	THE PENN STATE RESEARCH FOUNDATION	
Street Address:	304 OLD MAIN	
City:	UNIVERSITY PARK	
State/Country:	PENNSYLVANIA	
Postal Code:	16802-1504	

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14518106

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	MC-03492 (123)
NAME OF SUBMITTER:	TERRY M. SANKS
SIGNATURE:	/Terry M. Sanks/
DATE SIGNED:	10/20/2014

### **Total Attachments: 4**

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PATENT 503024992 REEL: 033980 FRAME: 0080

## **ASSIGNMENT**

WHEREAS, for other good and valuable consideration of which I (we) acknowledge receipt, I (we):

Xiaoming Liu

of

Englewood Cliffs, NJ

Theresa S. Mayer

of

State College, PA

hereby sell and assign to THE PENN STATE RESEARCH FOUNDATION (hereinafter referred to as Assignee), having an address at 304 Old Main, University Park, Pennsylvania 16802-1504, USA, its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled:

### INDIVIDUALLY ADDRESSABLE INFRARED MASK ARRAY

[X] executed concurrently herewith,

f I filed on

having Application No.

and any and all applications for patent and patents therefrom in any and all countries, including all applications claiming priority thereto, any continuing applications, including divisions, continuations, continuations-in-part, substitutions, reexaminations and reissues thereof, and provisional patent applications to which the aforementioned application claims priority, and all rights of priority resulting from the filling of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Assignee, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee, I/we will communicate to said Assignee or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitution, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

Page 1 of 4

I/we hereby covenant and agree to and with the said assignee, its successors and assigns, that I/we will, whenever its counsel or the counsel of its successors or assigns shall advise that an amendment, division, continuation, continuation-in-part, or substitution of, or any other proceeding in connection with said application(s), including interference proceedings, is lawful and desirable, execute all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention(s), or for the reissue of same without charge to assignee, its successors or assigns, but at its or their expense.

Page 2 of 4

INVENTOR 3	
Signature: XIAOMING LIU	-Zin Date: 9/24/2014
Witnessed by: Signature	~ i i
Jang, Bo Printed Name of Witnes	38
Witnessed by: Signature	Date: 9/24/2014
Printed Name of Witness	PAUDER
SECTION BELOW IS FOR USE	ONLY IF SIGNING IN PRESENCE OF A NOTARY
XIAOMING LIU	Date:
STATE OF	SS.
	x2014, before me personally came the above-named known as the individual who executed the foregoing that he/she executed the same of his/her own free will for
Seal	(Notary Public)

INVENTOR 4			
Signature:T	HERESA S. MAYER	Date:	international desired and the second
Witnessed by:	Signature	Date:	
	Printed Name of Witness		
Witnessed by:	Signature	Date:	
,	Printed Name of Witness		
SECTION BE	LOW IS FOR USE O	NLY IF SIGNING IN I	PRESENCE OF A NOTARY
STATE OF F	ènnsylvanice	SS.	
Theresa S. M	<b>ayer</b> , to me personall o acknowledged to me	y known as the individ	ersonally came the above-named had who executed the foregoing same of his/her own free will for
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Page 4 of 4