

## 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>
	HUSHAN CUI	03/17/2017
	JINJUAN XIANG	03/17/2017
	XIAOBIN HE	03/17/2017
	TAO YANG	03/17/2017
	JUNFENG LI	03/17/2017
	CHAO ZHAO	03/17/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	INSTITUTE OF MICROELECTRONICS, CHINESE ACADEMY OF SCIENCES	
<b>Street Address:</b>	NO. 3 BEITUCHENG WEST ROAD	
<b>City:</b>	CHAOYANG DISTRICT, BEIJING	
<b>State/Country:</b>	CHINA	
<b>Postal Code:</b>	100029	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15477191
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<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>Email:</b>	patentdc@goodwinlaw.com	
<b>Correspondent Name:</b>	GOODWIN	
<b>Address Line 1:</b>	901 NEW YORK AVENUE	
<b>Address Line 4:</b>	WASHINGTON, D.C. 20001	
<b>ATTORNEY DOCKET NUMBER:</b>	IME-042	
<b>NAME OF SUBMITTER:</b>	CE LI	
<b>SIGNATURE:</b>	/CE LI/	
<b>DATE SIGNED:</b>	04/03/2017	
<b>Total Attachments: 8</b>		

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## ASSIGNMENT

WHEREAS, We/I, **Hushan CUI (citizen of China)**, residing at **No. 3 Beitucheng West Road, Chaoyang District Beijing 100029, P. R., China**; **Jinjuan XIANG (citizen of China)**, residing at **No. 3 Beitucheng West Road, Chaoyang District, Beijing 100029, P.R., China**; **Xiaobin HE (citizen of China)**, residing at **No. 3 Beitucheng West Road, Chaoyang District, Beijing 100029, P.R., China**; **Tao YANG (citizen of China)**, residing at **No. 3 Beitucheng West Road, Chaoyang District, Beijing 100029, P.R., China**; **Junfeng LI (citizen of China)**, residing at **No. 3 Beitucheng West Road, Chaoyang District, Beijing 100029, P.R., China**; and **Chao ZHAO (citizen of Belgium)**, residing at **276 Platte Iustraet, Kessel-lo B-3010, Belgium**, have invented certain new and useful improvements in and to the subject matter of:

### METHOD OF MONOLITHIC INTEGRATION OF HYPERSPECTRAL IMAGE SENSOR

described in an application for United States Letters Patent, filed on April 3, 2017, and accorded Application No. 15477191, which claims priority to Chinese App. No. 201610214392.0, filed on April 7, 2016;

AND, WHEREAS, **INSTITUTE OF MICROELECTRONICS, CHINESE ACADEMY OF SCIENCES**, organized under the laws of China, having a place of business located at **No. 3 Beitucheng West Road, Chaoyang District, Beijing 100029, China**, (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights to the improvements and under the application;

NOW, THEREFORE, in consideration of good and valuable consideration, receipt of which is hereby acknowledged, We/I do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our/my entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said improvements, said United States application, any other United States applications, including provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States application or in whole or in part on said improvements, any foreign applications, including international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND We/I hereby authorize and request our/my agents, **Goodwin Procter LLP**, whose address is **901 New York Ave., N.W.; Washington, DC 20001**, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known.

AND We/I hereby agree for ourselves/myself and our/my heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference

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proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND We/I hereby covenant for ourselves/myself and our/my legal representatives, and agree with said ASSIGNEE, its successors and assigns, that We/I have granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our/my right, title and interest in said improvements had not been otherwise encumbered, and that We/I have not and will not execute any instrument in conflict therewith;

AND We/I do hereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE;

AND I hereby declare:

- a) The above-identified application was made or authorized to be made by me.
- b) I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- c) I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

IN WITNESS WHEREOF, We/I have hereunto set our/my hands and seals.

*[signatures start on next page]*

31.17.1.2017  
Date

Hushan Cui  
Hushan Cui

On this 17<sup>th</sup> day of March, 2017, before me personally appeared Hushan Cui, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

Witnessed by Fan YANG  
(Signature)

Fan Yang  
(Print Name)

Witnessed by Zhongping Fan  
(Signature)

Zhongping Fan  
(Print Name)

PATENT APPLICATION  
CLIENT REF. NO. CP0016-01-00603/17/2017  
DateJinjuan Xiang  
Jinjuan Xiang

On this 17<sup>th</sup> day of March, 2017, before me personally appeared Jinjuan Xiang, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

Witnessed by Fan Yang  
(Signature)Fan YANG  
(Print Name)Witnessed by Zhengping Fan  
(Signature)Zhengping Fan  
(Print Name)

PATENT APPLICATION  
CLIENT REF. NO. CP0016-01-0060Date 3/17/2017Xiaobin He  
Xiaobin He

On this 17<sup>th</sup> day of March, 2017, before me personally appeared Xiaobin He, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

Witnessed by Fan Yang  
(Signature)Fan YANG  
(Print Name)Witnessed by Zhengping Fan  
(Signature)Zhengping Fan  
(Print Name)

PATENT APPLICATION  
CLIENT REF. NO. CP0016-01-006031 17 2017  
DateTao Yang  
Tao Yang

On this 17<sup>th</sup> day of March, 2017, before me personally appeared Tao Yang, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

Witnessed by Fan Yang  
(Signature)Fan YANG  
(Print Name)Witnessed by Zhengping Fan  
(Signature)Zhengping Fan  
(Print Name)



PATENT APPLICATION  
CLIENT REF. NO. CP0016-01-0060

Date

3/17/2017李俊峰  
Junfeng Li


On this 17<sup>th</sup> day of March, 2017, before me personally appeared Junfeng Li, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

Witnessed by

Fan Yang  
(Signature)Fan YANG  
(Print Name)

Witnessed by

Zhang Fan  
(Signature)Zhangping Fan  
(Print Name)

PATENT APPLICATION  
CLIENT REF. NO. CP0016-01-00603/17/2017  
Date.  
Chao Zhao

On this 17<sup>th</sup> day of March, 2017, before me personally appeared Chao Zhao, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

Witnessed by Fan YANG  
(Signature)Fan YANG  
(Print Name)Witnessed by Zhengping Fan  
(Signature)Zhengping Fan  
(Print Name)