## 504157473 12/29/2016

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4204147

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
CHANG MIN LEE	12/23/2016

## **RECEIVING PARTY DATA**

Name:	HANWHA TECHWIN CO., LTD.	
Street Address:	1204 (SEONGJU-DONG), CHANGWON-DAERO, SEONGSAN-GU, GYEONGSANGNAM-DO	
City:	CHANGWON-SI	
State/Country:	KOREA, REPUBLIC OF	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15393456

## **CORRESPONDENCE DATA**

**Fax Number:** (202)293-7860

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:** 202-293-7060

Email: zamadou@sughrue.com, sughrue@sughrue.com

Correspondent Name: SUGHRUE MION, PLLC

Address Line 1: 2100 PENNSYLVANIA AVENUE, N.W.

Address Line 2: SUITE 800

Address Line 4: WASHINGTON, D.C. 20037

ATTORNEY DOCKET NUMBER:	Q230190	
NAME OF SUBMITTER:	ZIRIATOU AMADOU, TEAMS DEPARTMENT	
SIGNATURE:	/ziriatouamadou/	
DATE SIGNED:	12/29/2016	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 2** 

source=Q230190AssignmentwithDeclarationExecuted#page1.tif source=Q230190AssignmentwithDeclarationExecuted#page2.tif

PATENT 504157473 REEL: 040800 FRAME: 0197

Docket No.: Q230190 **Only After Sept 16, 2012** 

#### ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, <u>HANWHA TECHWIN CO.</u>, <u>LTD.</u> of <u>1204 (Seongju-dong)</u>, <u>Changwon-daero</u>, <u>Seongsan-gu</u>, <u>Changwon-si</u>, <u>Gyeongsangnam-do</u>, <u>Republic of Korea</u>, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all other countries, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and including rights of priority under the International Convention of Paris (1883) as amended, the laws of all foreign countries, and the laws of the United States including the right to claim priority under 35 USC 119 and the right to sue for past damages, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

As the below named inventor, I hereby declare that:						
This assignment with declaration is directed to:	$\checkmark$	The attached application, or				
		United States Application or PCT International Application Number filed on (Confirmation No).				
The application is entitled:						

#### **IMAGE PROCESSING APPARATUS AND METHOD**

The above identified application was made or was authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

(Legalization not required for recording but is prima facie evidence of execution under 35 USC 261)

I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

PATENT REEL: 040800 FRAME: 0198

Address:	***************************************	×0000000000000		
NAME OF SOLE OR FIRST INVENTOR:				
Given Name	24.0			
(first and middle [if any])	Chang Min		Family Name or Surname LEE	
	į			
Inventor's signature	0/	2400	Date 2016, 12.23	
			**	
Residence: Changwon-si, Republic of Korea				
***************************************	***************************************			
Mailing Address: 1204 (Seongju-dong), Changwon-daero, Seongsan-gu, Changwon-si, Gyeongsangnam-do, Republic of Korea				
Manual Lyceness Secretarials	me,, comment out	W. CHWAGODII SH	the state of the s	

[Page 2]

PATENT REEL: 040800 FRAME: 0199

**RECORDED: 12/29/2016**