# 503779712 04/12/2016

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3826358

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY D	ATA			
		Name	Execution Date	
HYUN-WOOK KIM			04/08/2016	
RECEIVING PARTY DA	ТА			
Name:	MANDO CORPORATION			
Street Address:	343-1, MANHO-RI, POSEUNG-EUP			
City:	PYEONGTAEK-SI, GYEONGGI-DO			
State/Country:	KOREA, REPUBLIC OF			
	•			
PROPERTY NUMBERS	Total: 1			
Property Type		Number		
Application Number:	1!	5096814		
CORRESPONDENCE D Fax Number:		/03)518-5499		
Correspondence will be			nt is unsuccessful, it will be sent I be sent via US Mail	
Correspondence will be	provided;	<b>he e-mail address first; if tha</b> <b>if that is unsuccessful, it will</b> 036841111		
Correspondence will be using a fax number, if p	p <b>rovided;</b> 7(	if that is unsuccessful, it will		
Correspondence will be using a fax number, if µ Phone:	p <b>rovided;</b> 7( אַנ	<i>if that is unsuccessful, it will</i> D36841111		
Correspondence will be using a fax number, if µ Phone: Email:	p <b>rovided;</b> זי אי H 23	<i>if that is unsuccessful, it will</i> D36841111 shgroup@ipfirm.com AUPTMAN HAM, LLP 318 MILL ROAD		
Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	<i>provided;</i> זי אי אי ני ג ג ג	<i>if that is unsuccessful, it will</i> D36841111 shgroup@ipfirm.com AUPTMAN HAM, LLP 318 MILL ROAD UITE 1400	l be sent via US Mail.	
Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	<i>provided;</i> זי אי אי ני ג ג ג	<i>if that is unsuccessful, it will</i> D36841111 shgroup@ipfirm.com AUPTMAN HAM, LLP 318 MILL ROAD	l be sent via US Mail.	
Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	<i>provided;</i> זי אי אי גע אי גע גע גע גע גע גע גע גע גע גע גע גע גע	<i>if that is unsuccessful, it will</i> D36841111 shgroup@ipfirm.com AUPTMAN HAM, LLP 318 MILL ROAD UITE 1400	l be sent via US Mail.	
Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	<i>provided;</i> זי אי אי גע אי גע גע גע גע גע גע גע גע גע גע גע גע גע	<i>if that is unsuccessful, it will</i> D36841111 shgroup@ipfirm.com AUPTMAN HAM, LLP 318 MILL ROAD UITE 1400 LEXANDRIA, VIRGINIA 22314	l be sent via US Mail.	
Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NU NAME OF SUBMITTER:	<i>provided;</i> זי אי אי גע אי גע גע גע גע גע גע גע גע גע גע גע גע גע	<i>if that is unsuccessful, it will</i> D36841111 Shgroup@ipfirm.com AUPTMAN HAM, LLP 318 MILL ROAD UITE 1400 LEXANDRIA, VIRGINIA 22314 5616-0031	l be sent via US Mail.	
Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	<i>provided;</i> זי אי אי גע אי גע גע גע גע גע גע גע גע גע גע גע גע גע	<i>if that is unsuccessful, it will</i> D36841111 shgroup@ipfirm.com AUPTMAN HAM, LLP 318 MILL ROAD UITE 1400 LEXANDRIA, VIRGINIA 22314 5616-0031 YOON S. HAM	l be sent via US Mail.	
Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NUNAME OF SUBMITTER: SIGNATURE:	<i>provided;</i> זי אי אי גע אי גע גע גע גע גע גע גע גע גע גע גע גע גע	<i>if that is unsuccessful, it will</i> D36841111 shgroup@ipfirm.com AUPTMAN HAM, LLP 318 MILL ROAD UITE 1400 LEXANDRIA, VIRGINIA 22314 5616-0031 YOON S. HAM /Yoon S. HAM	l be sent via US Mail.	
Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NUNAME OF SUBMITTER: SIGNATURE: DATE SIGNED:	<b>5rovided;</b> 7( 95 H 23 S A <b>JMBER:</b>	<i>if that is unsuccessful, it will</i> D36841111 shgroup@ipfirm.com AUPTMAN HAM, LLP 318 MILL ROAD UITE 1400 LEXANDRIA, VIRGINIA 22314 5616-0031 YOON S. HAM /Yoon S. HAM	l be sent via US Mail.	

#### ASSIGNMENT

WHEREAS, I/we, <u>Hyun-Wook KIM of Seongnam-si, Gyeonogi-do, Republic of Korea</u> ("Assignors"), am/are the inventor(s) of an invention entitled "INSTALLATION ANGLE DISTINCTION APPARATUS AND DISTINCTION METHOD THEREOF" that is the subject matter of. (check all that apply)

- [x] an application for Letters Patent which claims the priority of Korean Patent Application No. <u>10-2015-0051645</u> filed on <u>April 13, 2015</u>.
- an application made under the Patent Cooperation Treaty which is identifiable at WIPO by Application No. PCT/\_\_\_\_\_\_filed on \_\_\_\_\_\_
- [ ] an application for Letters Patent which is identifiable in the Patent Office of \_\_\_\_\_ by Application No. \_\_\_\_\_\_ filed on \_\_\_\_\_\_;

WHEREAS, MANOO CORPORATION, a corporation organized and existing under the laws of

<u>Republic of Korea</u> ("Assignee"), and having offices at <u>343-1</u>, <u>Manho-ri</u>, <u>Poseung-eup</u>, <u>Pyeongteck-si</u>, <u>Gyeongqi-do</u>, <u>Republic of Korea</u> is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection

[x] in the United States

[ ] in all other countries or jurisdictions;

"NOW THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged,

- a) I/we agree to transfer, and
- b) I/we do hereby transfer,

to Assignee, its successors and assigns, effective as of <u>April 13, 2015</u> nunc pro tunc, my/our entire right, title and interest in the above named countries and jurisdictions in and to the following including the right to sue for past infringement: the invention, the above-identified applications, all applications from which any of the above-identified applications claim priority, corresponding U.S. and non-U.S. applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention, and I/we authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee."

I/We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I/We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in the above named countries and jurisdictions and appoint Assignee the common representative in the above identified international application and any international application for the invention.

I/We represent to the Assignee, its successors and assigns, that I/we shall not execute any writing or do any act whatsoever conflicting with this Assignment. I/We, my/our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries and jurisdictions, including without limitation providing testimony in any related interference, litigation or proceeding. To the extent that

### PATENT REEL: 038418 FRAME: 0258

I/we, my/our executors or administrators are unable or unavailable to execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as Assignee, its successors and assigns may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries and jurisdictions, I/we, my/our executors or administrators hereby authorize Assignee, its successors and assigns to act on my/our behalf/behalves.

If any provision(s) of this Assignment are held unenforceable or in conflict with the law of any jurisdiction, the validity of the remaining provisions will not be affected by such holding and the part held unenforceable in or in conflict with the law of one jurisdiction will remain in effect for other jurisdictions until held unenforceable or in conflict with the law of that jurisdiction.

Hyun-Wook KIM

(Inventor / Assignor)

04. " f , 3-16 Date

**RECORDED: 04/12/2016** 

## PATENT REEL: 038418 FRAME: 0259

-2-