

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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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>
HANDOL KIM	05/18/2017
AHMED KAMEL	05/23/2017
DOCHUL YANG	05/22/2017
CHULMIN PARK	05/19/2017
JIN WOO	05/23/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KOREA AEROSPACE RESEARCH INSTITUTE
<b>Street Address:</b>	169-84, GWAHAK-RO
<b>Internal Address:</b>	YUSEONG-GU
<b>City:</b>	DAEJEON
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	34133
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15495228
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(802)862-7512
<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>Phone:</b>	802-863-2375
<b>Email:</b>	patip@drm.com
<b>Correspondent Name:</b>	LAWRENCE H. MEIER, ESQ.
<b>Address Line 1:</b>	199 MAIN STREET
<b>Address Line 4:</b>	BURLINGTON, VERMONT 05401
<b>ATTORNEY DOCKET NUMBER:</b>	16185-006USU1
<b>NAME OF SUBMITTER:</b>	LAWRENCE H. MEIER
<b>SIGNATURE:</b>	/Lawrence H. Meier/
<b>DATE SIGNED:</b>	06/28/2017
<b>Total Attachments: 5</b>	

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ASSIGNMENT

Whereas, I, **Handol Kim**, residing in Seoul, Korea, have invented one or more new and useful inventions and have filed therefor United States Utility Patent Application Serial No. 15/495,228, filed on April 24, 2017, entitled "**Apparatus and Method For Image Navigation and Registration of Geostationary Remote Sensing Satellites**" (hereinafter, "Application(s)");

And whereas, Korea Aerospace Research Institute, a Korean company, having a place of business at 169-84, Gwahak-ro, Yuseong-gu Daejeon, 34133 Korea (hereinafter called Assignee), desires to acquire the entire right, title and interest in the Application(s) and all inventions disclosed therein, and to any United States and foreign patents to be obtained therefor, and to any United States, international, and foreign patent applications to be filed thereon;

Now therefore, for good and valuable consideration, receipt whereof is hereby acknowledged, I, the above-named inventor hereby sell, assign, and transfer to Assignee, its successors and assigns, and confirm any previous assignments made by me for, the entire right, title and interest in the Application(s) and inventions therein disclosed for the United States and foreign countries, including all provisional applications relating thereto, all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents which may have been granted or may be granted hereafter thereon, and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon, and all rights of priority resulting from any of the foregoing.

And I hereby agree that Assignee may file one or more international applications and apply for foreign Letters Patent on said inventions; and I request the Commissioner for Patents of the United States Patent and Trademark Office and the authorized official in each respective foreign patent office to issue any Letters Patent granted upon the inventions set forth in the Application(s) to Assignee; and I will execute all papers necessary in connection with the United States, international, and foreign applications when called upon to do so by Assignee

I, the above-named, hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Executed at Daejeon (city/town), Korea, this 18<sup>th</sup> day of May, 2017.

  
Handol Kim

1741821.1

**ASSIGNMENT**

Whereas, I, **Ahmed Kamel**, residing in Los Altos, California, have invented one or more new and useful inventions and have filed therefor United States Utility Patent Application Serial No. 15/495,228, filed on April 24, 2017, entitled “**Apparatus and Method For Image Navigation and Registration of Geostationary Remote Sensing Satellites**” (hereinafter, “Application(s)”);

And whereas, Korea Aerospace Research Institute, a Korean company, having a place of business at 169-84, Gwahak-ro, Yuseong-gu Daejeon, 34133 Korea (hereinafter called Assignee), desires to acquire the entire right, title and interest in the Application(s) and all inventions disclosed therein, and to any United States and foreign patents to be obtained therefor, and to any United States, international, and foreign patent applications to be filed thereon;

Now therefore, for good and valuable consideration, receipt whereof is hereby acknowledged, I, the above-named inventor hereby sell, assign, and transfer to Assignee, its successors and assigns, and confirm any previous assignments made by me for, the entire right, title and interest in the Application(s) and inventions therein disclosed for the United States and foreign countries, including all provisional applications relating thereto, all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents which may have been granted or may be granted hereafter thereon, and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon, and all rights of priority resulting from any of the foregoing.

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I, the above-named, hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Executed at Los Angeles (city/town), USA (country), this day of 23 May, 2017.

*A.A. Kamel*

**Ahmed Kamel**

ASSIGNMENT

Whereas, I, **Dochul Yang**, residing in Daejeon, Korea, have invented one or more new and useful inventions and have filed therefor United States Utility Patent Application Serial No. 15/495,228, filed on April 24, 2017, entitled "**Apparatus and Method For Image Navigation and Registration of Geostationary Remote Sensing Satellites**" (hereinafter, "Application(s)");

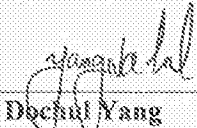
And whereas, Korea Aerospace Research Institute, a Korean company, having a place of business at 169-84, Gwahak-ro, Yuseong-gu Daejeon, 34133 Korea (hereinafter called Assignee), desires to acquire the entire right, title and interest in the Application(s) and all inventions disclosed therein, and to any United States and foreign patents to be obtained therefor, and to any United States, international, and foreign patent applications to be filed thereon;

Now therefore, for good and valuable consideration, receipt whereof is hereby acknowledged, I, the above-named inventor hereby sell, assign, and transfer to Assignee, its successors and assigns, and confirm any previous assignments made by me for, the entire right, title and interest in the Application(s) and inventions therein disclosed for the United States and foreign countries, including all provisional applications relating thereto, all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents which may have been granted or may be granted hereafter thereon, and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon, and all rights of priority resulting from any of the foregoing.

And I hereby agree that Assignee may file one or more international applications and apply for foreign Letters Patent on said inventions; and I request the Commissioner for Patents of the United States Patent and Trademark Office and the authorized official in each respective foreign patent office to issue any Letters Patent granted upon the inventions set forth in the Application(s) to Assignee; and I will execute all papers necessary in connection with the United States, international, and foreign applications when called upon to do so by Assignee

I, the above-named, hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Executed at Daejeon (city/town), Korea, this 22nd day of May, 2017.

  
Dochul Yang

17418231.1

**ASSIGNMENT**

Whereas, I, **Chulmin Park**, residing in Daejeon, Korea, have invented one or more new and useful inventions and have filed therefor United States Utility Patent Application Serial No. 15/495,228, filed on April 24, 2017, entitled "**Apparatus and Method For Image Navigation and Registration of Geostationary Remote Sensing Satellites**" (hereinafter, "Application(s)");

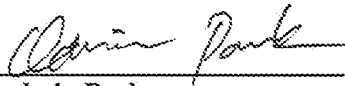
And whereas, Korea Aerospace Research Institute, a Korean company, having a place of business at 169-84, Gwahak-ro, Yuseong-gu Daejeon, 34133 Korea (hereinafter called Assignee), desires to acquire the entire right, title and interest in the Application(s) and all inventions disclosed therein, and to any United States and foreign patents to be obtained therefor, and to any United States, international, and foreign patent applications to be filed thereon;

Now therefore, for good and valuable consideration, receipt whereof is hereby acknowledged, I, the above-named inventor hereby sell, assign, and transfer to Assignee, its successors and assigns, and confirm any previous assignments made by me for, the entire right, title and interest in the Application(s) and inventions therein disclosed for the United States and foreign countries, including all provisional applications relating thereto, all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents which may have been granted or may be granted hereafter thereon, and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon, and all rights of priority resulting from any of the foregoing.

And I hereby agree that Assignee may file one or more international applications and apply for foreign Letters Patent on said inventions; and I request the Commissioner for Patents of the United States Patent and Trademark Office and the authorized official in each respective foreign patent office to issue any Letters Patent granted upon the inventions set forth in the Application(s) to Assignee; and I will execute all papers necessary in connection with the United States, international, and foreign applications when called upon to do so by Assignee

I, the above-named, hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Executed at Daejeon (city/town), Korea, this 19<sup>th</sup> day of May, 2017.

  
\_\_\_\_\_  
Chulmin Park

17418235.1

ASSIGNMENT

Whereas, I, **Jin Woo**, residing in Chungcheongbuk-do, Korea, have invented one or more new and useful inventions and have filed therefor United States Utility Patent Application Serial No. 15/495,228, filed on April 24, 2017, entitled "**Apparatus and Method For Image Navigation and Registration of Geostationary Remote Sensing Satellites**" (hereinafter, "Application(s)");

And whereas, Korea Aerospace Research Institute, a Korean company, having a place of business at 169-84, Gwahak-ro, Yuseong-gu Daejeon, 34133 Korea (hereinafter called Assignee), desires to acquire the entire right, title and interest in the Application(s) and all inventions disclosed therein, and to any United States and foreign patents to be obtained therefor, and to any United States, international, and foreign patent applications to be filed thereon;

Now therefore, for good and valuable consideration, receipt whereof is hereby acknowledged, I, the above-named inventor hereby sell, assign, and transfer to Assignee, its successors and assigns, and confirm any previous assignments made by me for, the entire right, title and interest in the Application(s) and inventions therein disclosed for the United States and foreign countries, including all provisional applications relating thereto, all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents which may have been granted or may be granted hereafter thereon, and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon, and all rights of priority resulting from any of the foregoing.

And I hereby agree that Assignee may file one or more international applications and apply for foreign Letters Patent on said inventions; and I request the Commissioner for Patents of the United States Patent and Trademark Office and the authorized official in each respective foreign patent office to issue any Letters Patent granted upon the inventions set forth in the Application(s) to Assignee; and I will execute all papers necessary in connection with the United States, international, and foreign applications when called upon to do so by Assignee

I, the above-named, hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Executed at chungcheongbuk-do / Incheon-jun (city/town), Korea, this 22 day of May, 2017.

J. Woo  
Jin Woo

17418236.1