

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4307397

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the CORRECTIVE ASSIGNMENT TO CORRECT THE RECEIVING PARTY DATA previously recorded on Reel 030990 Frame 0775. Assignor(s) hereby confirms the CORRECT NAME OF THE ASSIGNEE SHOULD BE "KOREA ELECTROTECHNOLOGY RESEARCH INSTITUTE".

**CONVEYING PARTY DATA**

Name	Execution Date
UK KANG	02/20/2017
GUANG HOON KIM	02/07/2017
SOO JIN BAE	02/07/2017
MIN WOONG JUNG	03/02/2017
GARRY V. PAPAYAN	02/20/2017
VLADIMIR BEREZIN	02/20/2017

**RECEIVING PARTY DATA**

<b>Name:</b>	KOREA ELECTROTECHNOLOGY RESEARCH INSTITUTE
<b>Street Address:</b>	12, BULMOSAN-RO, 10BEON-GIL, SEONGSAN-GU
<b>City:</b>	CHANGWON-SI, GYEONGSANGNAM-DO
<b>State/Country:</b>	KOREA, REPUBLIC OF

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	13964665

**CORRESPONDENCE DATA**

**Fax Number:** (703)518-5499  
*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:** 7036841111  
**Email:** YSHGroup@ipfirm.com  
**Correspondent Name:** YOON S. HAM  
**Address Line 1:** 2318 MILL ROAD, SUITE 1400  
**Address Line 2:** HAUPTMAN HAM, LLP  
**Address Line 4:** ALEXANDRIA, VIRGINIA 22314

<b>ATTORNEY DOCKET NUMBER:</b>	5728-0003
<b>NAME OF SUBMITTER:</b>	YOON S. HAM
<b>SIGNATURE:</b>	/YOON S. HAM/

<b>DATE SIGNED:</b>	03/07/2017
---------------------	------------

**Total Attachments: 7**

- source=5728-0003\_F\_CorrectiveAssignment#page1.tif
- source=5728-0003\_F\_CorrectiveAssignment#page2.tif
- source=5728-0003\_F\_CorrectiveAssignment#page3.tif
- source=5728-0003\_F\_CorrectiveAssignment#page4.tif
- source=5728-0003\_F\_Assignment#page1.tif
- source=5728-0003\_F\_Assignment#page2.tif
- source=5728-0003\_F\_Assignment#page3.tif

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

## CORRECTIVE ASSIGNMENT

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Uk KANG</td> <td>07/25/2013</td> </tr> <tr> <td>Guang Hoon KIM</td> <td>07/25/2013</td> </tr> <tr> <td>Soo Jin BAE</td> <td>07/25/2013</td> </tr> <tr> <td>Min Woong JUNG</td> <td>07/23/2013</td> </tr> <tr> <td>Garry V PAPAYAN</td> <td>07/25/2013</td> </tr> <tr> <td>Vladimir Berezin</td> <td>07/25/2013</td> </tr> </tbody> </table>		Name	Execution Date	Uk KANG	07/25/2013	Guang Hoon KIM	07/25/2013	Soo Jin BAE	07/25/2013	Min Woong JUNG	07/23/2013	Garry V PAPAYAN	07/25/2013	Vladimir Berezin	07/25/2013
Name	Execution Date														
Uk KANG	07/25/2013														
Guang Hoon KIM	07/25/2013														
Soo Jin BAE	07/25/2013														
Min Woong JUNG	07/23/2013														
Garry V PAPAYAN	07/25/2013														
Vladimir Berezin	07/25/2013														
RECEIVING PARTY DATA															
KOREA ELECTROTECHNOLOGY RESEARCH INSTITUTE															
Name:	KOREA ELECTRO-TECHNOLOGY RESEARCH INSTITUTE														
Street Address:	12, Bulmosan-ro, 10beon-gil, Seongsan-gu														
City:	Changwon-si, Gyeongsangnam-do														
State/Country:	KOREA, REPUBLIC OF														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13964665</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13964665										
Property Type	Number														
Application Number:	13964665														
CORRESPONDENCE DATA															
Fax Number:	7035185499														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	7036841111														
Email:	yshgroup@jpfirm.com														
Correspondent Name:	LOWE HAUPTMAN & HAM, LLP														
Address Line 1:	2318 Mill Road														
Address Line 2:	Suite 1400														
Address Line 4:	ALEXANDRIA, VIRGINIA 22314														
ATTORNEY DOCKET NUMBER:	<del>5109-0043</del> 5728-0003														
NAME OF SUBMITTER:	Yoon S. Ham														

OP \$40.00 13964665

Signature:	/Yoon S. Ham/
Date:	08/12/2013
Total Attachments: 2 source=US1872-Assignment#page1.tif source=US1872-Assignment#page2.tif	

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- 1) KANG, Uk
- 2) KIM, Guang Hoon
- 3) BAE, Soo Jin
- 4) JUNG, Min Woong
- 5) PAPAYAN, Garry V.
- 6) BEREZIN, Vladimir

x box if continued on page 2

who has made a certain new and useful invention, hereby sells, assigns and transfers unto KOREA ELECTROTECHNOLOGY RESEARCH INSTITUTE having a place of business at 12, BULMOSAN-RO, 10 BEON-GIL, SEONGSAN-GU, CHANGWON-SI, GYEONGSANGNAM-DO, REPUBLIC OF KOREA, its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled:

FILTER SWITCHING DEVICE FOR FLUORESCENCE ENDOSCOPIC TELEVISION CAMERA SYSTEM

(a) for which an application for United States Letters Patent was filed on \_\_\_\_\_, and identified by United States Patent Application No. \_\_\_\_\_; or

(b) for which an application for United States Letters Patent was executed on \_\_\_\_\_

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

1) [Signature] \_\_\_\_\_ Date 20. Feb. 2017

2) \_\_\_\_\_ Date \_\_\_\_\_

3) \_\_\_\_\_ Date \_\_\_\_\_

4) \_\_\_\_\_ Date \_\_\_\_\_

5) [Signature] \_\_\_\_\_ Date 20. Feb. 2017

6) [Signature] \_\_\_\_\_ Date 20. Feb. 2017

**ASSIGNMENT**

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- 1) KANG, Uk
- 2) KIM, Guang Hoon
- 3) BAE, Soo Jin
- 4) JUNG, Min Woong
- 5) PAPAYAN, Garry V.
- 6) BEREZIN, Vladimir

x box if continued on page 2

who has made a certain new and useful invention, hereby sells, assigns and transfers unto **KOREA ELECTROTECHNOLOGY RESEARCH INSTITUTE** having a place of business at **12, BULMOSAN-RO, 10 BEON-GIL, SEONGSAN-GU, CHANGWON-SI, GYEONGSANGNAM-DO, REPUBLIC OF KOREA**, its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled:



**FILTER SWITCHING DEVICE FOR FLUORESCENCE ENDOSCOPIC TELEVISION CAMERA SYSTEM**

- (a) for which an application for United States Letters Patent was filed on \_\_\_\_\_, and identified by United States Patent Application No. \_\_\_\_\_; or
- (b) for which an application for United States Letters Patent was executed on \_\_\_\_\_

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

- 1) \_\_\_\_\_  
Name: KANG, Uk \_\_\_\_\_  
Date
- 2)  \_\_\_\_\_  
Name: KIM, Guang Hoon 2017.2.7  
Date
- 3)  \_\_\_\_\_  
Name: BAE, Soo Jin 2017.2.7  
Date
- 4) \_\_\_\_\_  
Name: JUNG, Min Woong \_\_\_\_\_  
Date
- 5) \_\_\_\_\_  
Name: PAPAYAN, Garry V. \_\_\_\_\_  
Date
- 6) \_\_\_\_\_  
Name: BEREZIN, Vladimir \_\_\_\_\_  
Date

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- 1) KANG, Uk
- 2) KIM, Guang Hoon
- 3) BAE, Soo Jin
- 4) JUNG, Min Woong
- 5) PAPAYAN, Garry V.
- 6) BEREZIN, Vladimir

x box if continued on page 2

who has made a certain new and useful invention, hereby sells, assigns and transfers unto **KOREA ELECTROTECHNOLOGY RESEARCH INSTITUTE** having a place of business at **12, BULMOSAN-RO, 10 BEON-GIL, SEONGSAN-GU, CHANGWON-SI, GYEONGSANGNAM-DO, REPUBLIC OF KOREA**, its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled:

**FILTER SWITCHING DEVICE FOR FLUORESCENCE ENDOSCOPIC TELEVISION CAMERA SYSTEM**

- (a) for which an application for United States Letters Patent was filed on \_\_\_\_\_, and identified by United States Patent Application No. \_\_\_\_\_; or
- (b) for which an application for United States Letters Patent was executed on \_\_\_\_\_

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

- 1) \_\_\_\_\_  
Name: KANG, Uk \_\_\_\_\_  
Date
- 2) \_\_\_\_\_  
Name: KIM, Guang Hoon \_\_\_\_\_  
Date
- 3) \_\_\_\_\_  
Name: BAE, Soo Jin \_\_\_\_\_  
Date
- 4) \_\_\_\_\_  
Name: JUNG, Min Woong March 2, 2017  
Date
- 5) \_\_\_\_\_  
Name: PAPAYAN, Garry V. \_\_\_\_\_  
Date
- 6) \_\_\_\_\_  
Name: BEREZIN, Vladimir \_\_\_\_\_  
Date

PATENT