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| <b>PATENT ASSIGNMENT COVER SHEET</b> |
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7060415

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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>                  |
| INDUSTRY-ACADEMIA COOPERATION GROUP OF SEJONG UNIVERSITY  | 02/16/2015                             |
| <b>RECEIVING PARTY DATA</b>   |  |
| <b>Name:</b>  | INTELLECTUAL DISCOVERY CO., LTD.       |
| <b>Street Address:</b>  | GOLDEN TOWER 10TH FLOOR, 144-17        |
| <b>Internal Address:</b>  | SAMSUNG-DONG, GANGNAM-GU               |
| <b>City:</b>  | SEOUL                                  |
| <b>State/Country:</b>   | KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF |
| <b>Postal Code:</b>   | 135-745                                |
| <b>PROPERTY NUMBERS Total: 1</b>  |  |
| <b>Property Type</b>  | <b>Number</b>                          |
| <b>Application Number:</b>  | 15262530                               |
| <b>CORRESPONDENCE DATA</b>  |  |
| <b>Fax Number:</b>  | (414)277-0656                          |
| <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>   | 4142716560                             |
| <b>Email:</b>   | mkeipdocket@michaelbest.com            |
| <b>Correspondent Name:</b>  | MICHAEL BEST & FRIEDRICH LLP           |
| <b>Address Line 1:</b>  | 790 N. WATER STREET                    |
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| <b>Address Line 4:</b>  | MILWAUKEE, WISCONSIN 53202             |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 498195-9104-US02                       |
| <b>NAME OF SUBMITTER:</b>   | LAURA A. CHRISTIANSEN                  |
| <b>SIGNATURE:</b>   | /Laura A. Christiansen/                |
| <b>DATE SIGNED:</b>   | 12/07/2021                             |
| <b>Total Attachments: 2</b>   |  |
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| source=14381378 assignment2-pat-35050-243#page3.tif   |  |

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**UNITED STATES OF AMERICA**  
**ASSIGNMENT**

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In consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:**

**INDUSTRY-ACADEMIA COOPERATION GROUP OF SEJONG UNIVERISTY**

hereby sells, assigns and transfers to

**ASSIGNEE:**

**INTELLECTUAL DISCOVERY CO., LTD**  
Golden Tower 10<sup>th</sup> Floor, 144-17, Samseong-dong, Gangnam-gu  
Seoul 135-745, Republic of Korea

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to, any and all improvements which are disclosed in the Application entitled

**TITLE OF INVENTION:**

IMAGE ENCODING AND DECODING APPARATUS, AND IMAGE ENCODING  
AND DECODING METHOD

and which is found in U.S. Serial No. 14/381,378 filed August 27, 2014 (US Completion of PCT/KR2013/001551 filed February 27 2013)

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and

deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, we have set our hand and seal

INDUSTRY-ACADEMIA COOPERATION  
GROUP OF SEJONG UNIVERSITY

Feb. 16, 2015  
Date

  
Name: NAESUNG LEE  
Title: PRESIDENT

LSP 992012 (Assignment -- entire interest -- US rights only)