## 504629681 11/06/2017

# PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

#### **CONVEYING PARTY DATA**

| Name          | Execution Date |
|---------------|----------------|
| JONG-WOO CHOI | 10/16/2017     |
| WAN-KI PARK   | 10/16/2017     |
| IL-WOO LEE    | 10/16/2017     |

### **RECEIVING PARTY DATA**

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### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15804925 |

### **CORRESPONDENCE DATA**

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|--|--|
| NAME OF SUBMITTER: WOOCHOON WILLIAM PARK |  |
| SIGNATURE:                               | /Woochoon William Park/                                    |
| <b>DATE SIGNED:</b> 11/06/2017           |  |
|  | This document serves as an Oath/Declaration (37 CFR 1.63). |

### **Total Attachments: 2**

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PATENT 504629681 REEL: 044044 FRAME: 0920

卷월 자료서를 이용한 실용 또는 디자인 목히 출원 선언 및 양도서 (37 CFR 1.76) DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

| 됐었으 명칭<br>Title of<br>Invention | APPARATUS AND METHOD FOR ANALYZING BUILDINGS   |  |
|---------------------------------|--|--|
| 선일<br>Declaration               | 아래에 기명된 발명자로서, 본인은 아래와 길이 선연합니다: As the below named inventor(s), I hereby declare that: 통 선언서 제출처: The declaration is directed to:   |  |
| 않도<br>Assignment                | NOW, THEREFORE, in consideration of the sum of one dollar (\$1), the receipt whereof is acknowledge, and other good and valuable consideration, I, by these presents do sell, assign and transfer unto said assignee(s)  ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE  218, Gajeong-ro, Yuseong-gu, Daejeon 34129  Republic of Korea  and the heirs, successors, assigns and legal representatives of the assignee(s) the full and exclusive right to the said invention in the United States and in its territorial possessions and in any and all foreign countries any and all improvements thereof, the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee(s), of the entire right, title, and interest in and to the same, for his sole use and for the use of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.  I agree promptly upon request of the assignee(s), its heirs, successors, assigns and legal representatives of the assignee(s) to communicate any facts known to it respecting the patent and the invention set forth therein, and to execute and deliver without further |  |

출원 자료서쪽 이용한 실용 또는 디자인 특히 출원 선언 및 양도서 (37 CFR 1.76) DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

compensation any power of attorney, Assignment, application, whether original, continuation, divisional or reissue, or other papers that may be necessary. I hereby coveriant that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale. I further covenant that assignee(s) will, upon its request, be provided promptly with all perlinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to me and will testify as to the same in any litigation related thereto and will promptly execute and deliver to assignee(s) 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. 발명자 성명(OI룜, 성): Jong-Woo CHOI Inventor Name (First Middle LAST): 발명자 서명: 밣명자의 Inventor Signature: 법적 성명 Legal Name Of Inventor October 16, 2017 일자: Date:

| 공동  | 발명자 성명(이름, 설):<br>Inventor Name (First Middle LAST): | Wan-Ki PARK      |
|---|--|------------------|
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| Any   | 製果:<br>Date:   | October, 16.2017 |

| 38  | 발명자 성명(이름, 성):<br>Inventor Name (First Middle LAST): | II-Woo LEE     |
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| Any   | 일자:<br>Date:   | oct. 16, 2011) |

A total of \_\_supplemental sheet(s) are attached hereto for additional inventors, if any.