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| <b>PATENT ASSIGNMENT COVER SHEET</b> |
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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>                          |
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| YOO JUN KIM   | 02/24/2021                                     |
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| <b>PROPERTY NUMBERS Total: 1</b>  |  |
| <b>Property Type</b>  | <b>Number</b>                                  |
| <b>Application Number:</b>  | 17185158                                       |
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| <b>DATE SIGNED:</b>   | 02/26/2021                                     |
| <b>Total Attachments: 2</b>   |  |
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## Patent Applications

### ASSIGNMENT

We, Geon Tae KIM; Seon Jeong KIM; Yoo Jun KIM; Baek Jo KIM, hereby declare that we are the joint inventors of the invention relating to the patent application titled "RAINWATER DETECTION DEVICE USING ELECTRIC WIRES", and patent application filed with the United States Patent and Trademark Office.

For good and valuable consideration, receipt, adequacy and sufficiency of which is hereby acknowledged, we hereby assign and transfer to National Institute of Meteorological Sciences (hereinafter "Assignee"), a Korean Institute, located at 33, Seohobuk-ro, Seogwipo-si, Jeju-do, 63568, Republic of Korea, duly organized and existing under the laws of the Republic of Korea, our entire right, title, and interest in and to said invention(s) and said application(s) and any and all non-provisional patent application(s), continuation(s), divisional(s), foreign, reissue(s) and renewals of the invention and substitutes for said application, and in, to, and under any and all Letters Patent(s) which may be granted on or as a result thereof in the US and any and all other countries, and any reissue(s) or extension(s) of said Letters Patent(s), and assign to and authorize the Assignee to file, in our names, application(s) for Letters Patent(s) in any and all countries. We further authorize the Assignee, its successors, assigns, nominees and legal representatives to hold and enjoy the above referenced Letters Patent(s), to the full end of the term(s) for which said Letters Patent(s) may be granted, reissued, or extended, as fully and entirely as the same would have been held and enjoyed by us, had this assignment, sale, and transfer not been made;

We hereby covenant that we have full rights to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith;

We further covenant and agree that we will, each time a request is made, without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention, said application and any and all Letters Patent(s) that may issue, to the Assignee, its successors, assigns, nominees and legal representatives; communicate to the Assignee, its successors, assigns, nominees and legal representatives, all known facts respecting said invention, said application and said Letters Patent(s); testify in any and all legal proceedings; sign all lawful papers; execute all disclaimers and non-provisional patent applications, divisional, continuation, reissue, and foreign applications; make all rightful oaths; and generally do everything possible to aid the Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said invention or improvement(s) in any and all countries, all at the expense of the Assignee, its successors, assigns, nominees or legal representatives;

We authorize the Assignee, its successors, assigns, nominees and legal representatives, to make an application for patent or other form of protection for said invention in its or their own name, or in our names, in any and all countries, and to invoke and claim for any application for patent or other form of protection for said invention filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us;

We hereby consent that a copy of this Assignment shall be deemed a full, legal, and formal equivalent of any Assignment, consent to file or like document, which may be required in any country for any purpose, and more particularly, in proof of the right of the

**Patent Applications**

Assignee, its successors, assigns, nominees and legal representatives, to apply for patent or other proper protection for said invention, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it;

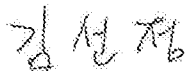
We hereby authorize and request the United States Patent and Trademark Office and any official of any country or countries foreign to the US whose duty it is to issue patents on applications as aforesaid, to issue to the Assignee, as assignee of the entire right, title, and interest, any and all Letters Patent(s) for said invention, including any and all Letters Patent(s) which may be issued and granted as on or as a result of the aforesaid application, in accordance with the terms of this Assignment.



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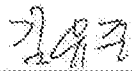
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