PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3530192

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| IN KYU KIM | 08/27/2015 |
| ADM21 CO., LTD. | 08/27/2015 |

RECEIVING PARTY DATA

| Name: | THE KOREA DEVELOPMENT BANK | |
|-----------------|---------------------------------|--|
| Street Address: | 14 EUNHAENG-RO, YEONGDEUNGPO-GU | |
| City: | SEOUL | |
| State/Country: | KOREA, REPUBLIC OF | |
| Postal Code: | 150-973 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14619445 |

CORRESPONDENCE DATA

Fax Number: (202)293-7860

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: 202-293-7060

Email: sughrue@sughrue.com, ctavernese@sughrue.com

Correspondent Name: SUGHRUE MION, PLLC

Address Line 1: 2100 PENNSYLVANIA AVENUE, NW

Address Line 4: WASHINGTON, D.C. 20037

| ATTORNEY DOCKET NUMBER: | Q217661 | |
|--------------------------------|--|--|
| NAME OF SUBMITTER: | CAROLYN TAVERNESE, SECRETARY | |
| SIGNATURE: | / Carolyn Tavernese / | |
| DATE SIGNED: 09/17/2015 | | |
| | This document serves as an Oath/Declaration (37 CFR 1.63). | |

Total Attachments: 1

source=Assignment 14619445#page1.tif

PATENT 503483567 REEL: 036588 FRAME: 0952

Assignment

Whereas, **ADM21 CO., LTD.**, a Korean corporation, having a place of business at 1259-130, Chungjeol-ro, Cheongyang-eup, Cheongyang-gun, Chungcheongnam-do 345-803, Republic of Korea, and **KIM**, **In Kyu** at 13-902, 131, Yesulgwangjang 1-ro, Sangnok-gu, Ansan-si, Gyeonggi-do 426-767, Republic of Korea, hereinafter called Assignors, are joint owners of record of pending U.S. patent application No. 14/619,445 by way of assignments recorded at Reel/Frame 034941/0196; and

Whereas **THE KOREA DEVELOPMENT BANK** of 14 Eunhaeng-ro, Yeongdeungpogu, Seoul 150-973, Republic of Korea, hereinafter called Assignee, desires to acquire the right, title, and interest owned by the Assignors in the pending U.S. patent application No. 14/619,445;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged;

ADM21 CO., LTD. and KIM, In Kyu, assign and transfer to **THE KOREA DEVELOPMENT BANK**, its successors and assigns, their entire right, title and interest including rights to recover for past infringement of U.S. patent application No. 14/619,445.

IN WITNESS WHEREOF, ADM21 CO., LTD. and KIM, In Kyu have executed this Assignment by proper persons duly authorized.

Date: Angust M, 2015

ADM21 CO., LTD.

Name: KIM, In Kyu Title: Chairman & CEO

KIM, In Kyu

Date: August 21, 2015

RECORDED: 09/17/2015

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)