## 505618085 08/12/2019

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW A	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGI	ASSIGNMENT				
CONVEYING PARTY	DATA						
		Name	Name		Execution D	ate	
YONG HO CHOA					07/31/2019		
SEIL KIM						07/31/2019	
YOSEB SONG						07/31/2019	
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ATTORNEY DOCKET NUMBER: NAME OF SUBMITTER:			602700-000002				
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DATE SIGNED:			/Sang Yoon Kang/ 08/12/2019				
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<b>Fotal Attachments: 2</b> source=dec_asn#page	1 tif						

PATENT REEL: 050031 FRAME: 0921



## COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title	of
Inve	ntion

## GAS SENSOR AND METHOD FOR MANUFACTURING SAME

As the below named inventor, I hereby declare that:

This declaration X The attached application, or is directed to:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY ERICA CAMPUS, of 55, Hanyangdeahak-ro, Sangrok-gu, Ansan-Si, Gyeonggi-do, 15588, Republic of Korea, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

**NOW**, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to me, the receipt of which is hereby acknowledged, I hereby assign, sell and transfer to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention for the United States of America and its territories and for all foreign countries, and any and all patents which may be granted therefor, in the United States of America and its territories and in all foreign countries, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as I might or could have held and enjoyed the same, if this assignment had not been made.

AND I hereby agree to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND I authorize and request the Commissioner of Patents and Trademarks in the United States and Patent Office officials of any and all foreign countries, to issue any and all Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

The undersigned hereby grants the law firm of STUDEBAKER & BRACKETT PC the power to insert on the Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

LEGAL NAME OF INVENTOR	
Inventor: Yong Ho CHOA	Date: JUL 31 2019
Signature: <u>Jerite clur</u>	

STUDEBAKER BRACKETT PC	Docket No. <u>602700-000002</u>
LEGAL NAME OF INVENTOR Inventor: <u>Seil KIM</u> Signature:	_ Date: <u>JUL 31 2019</u>
LEGAL NAME OF INVENTOR Inventor: <u>Yoseb SONG</u> Signature: Signature:	_ Date: <u>JUL 31 2019</u>
Note: An application data sheet (PTO/SB/14 or equivalent), including this form or must have been previously filed. Use an additional PTO/Al/	