PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6634168

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FRED WORLEY	10/28/2015
HARRY ROGERS	10/27/2015
GUNNESWARA MARRIPUDI	11/05/2015
ZHAN PING	11/19/2015
VIKAS SINHA	10/26/2015

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	129, SAMSUNG-RO, YEONGTONG-GU
City:	SUWON-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	16677

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16986231

CORRESPONDENCE DATA

Fax Number:

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: 503-765-9090

Email: pto@renaissanceiplaw.com

Correspondent Name: RENAISSANCE IP LAW GROUP LLP (SSI) **Address Line 1:** 17933 NW EVERGREEN PLACE, SUITE 121

Address Line 4: BEAVERTON, OREGON 97006

ATTORNEY DOCKET NUMBER:	1535-206CON2
NAME OF SUBMITTER:	HOSOON LEE
SIGNATURE:	/Hosoon Lee/
DATE SIGNED:	03/31/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).
T	

Total Attachments: 20

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COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM¹

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application.

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

Title:	SOLID STATE DRIVE MULTI-CARD A	NDAPTER
	WITH INTEGRATED PROCESSI	NG
or which As	signor is about to make or has made United States (or International application
or patent.		
WHEREAS, a	s a below named inventor(s), I/(we) hereby declare	that:
Section I. D		
This declarat	tion is directed to:	
\boxtimes	The attached U.S. non-provisional patent applica	stion, or
	U.S. non-provisional patent application number _ on, or	, filed
	PCT international patent application number	, filed on
he above-io	dentified application was made or authorized to be	made by me (us).
	e that I am (we are) the original inventor (original jo the above-identified application.	oint inventors) of a claimed
	y acknowledge that any willful false statement mad Inder 18 U.S.C. 1001 by fine or imprisonment of not	
· This farm an		
Inis form red	quires the use of an Application Data Sheet.	
SEC Ref No.	WB-201506-010-1 Attorney Ref N	o. 1535-206

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM Page 1 of 4

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

Section II. Assignment

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned hereby sell(s) and assign(s) to

Samsung Electronics Co., Ltd.

having an address at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, Republic of Korea (hereinafter designated as the Assignee), the entire (100%) right, title and interest for the United States as defined in 35 USC §100, in the invention described in the application identified in Section I of this document.

Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-

SEC Ref No.	WB-201506-010-1	Attorney Ref No	1525.206
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COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM

examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

The undersigned hereby grant(s) the law firm of Renaissance IP Law Group LLP the power to insert on this Declaration and 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.

Section III. Inventor(s)/Assignor(s) Signature(s)

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
FIRST NVENTOR/ASSIGNOR	WORLEY	Fred	
SIGNATURE	-112)) DATE	10/22/15

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
SECOND	ROGERS	Harry	
SIGNATURE		DATE	

SEC Ref No	/B-201506-	Attorney Ret No.	1535-206

SEC Ref No. WB-2	201506-010-1	Attorney Ref No.	1535-206

<u></u>			
		• 	
SIGNATURE		DATE	
HAVERTON/ ASSIGNOR			
FIFTH	SINHA	Vikas	
LEGAL NAME OF	Family Name	First Given Name	Second Given Name
SIGNATURE			
		DATE	
FOURTH INVENTOR/ASSIGNOR	PING	Zhan	
LEGAL NAME OF	Family Name	First Given Name	Second Given Name
	· · · · · · · · · · · · · · · · · · ·		
SIGNATURE		DATE	
INVENTOR/ASSIGNOR			
THIRD	MARRIPUDI	Gunneswara	
LEGAL NAME OF	Family Name	First Given Name	Second Given Name

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM
Page 4 of 4
PATENT

COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM¹

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application.

WHEREAS, the undersigned, hereinafter referred to collectively as Assigned, has invested:

Title:		OLID STATE DRIVE	MULTI-CARD ADAPTER	
· ·		WITH INTEGRA	ATED PROCESSING	
for which A	ssignor is about to	make or has made	United States or Internation	nal application
for patent.			ig Demision (granitation) og demisioner og styrete) og det en styrete (demisioner). Demisioner Demisioner (demisioner) (demisioner)	
WHEREAS,	as a below named	inventor(s), I/(we)	hereby declare that:	
Section I. D	Declaration			
This declara	ation is directed to:			
	The attached U		patent application, or	
		ional patent application of the contraction of the		filed
	PCT internation	ial patent applicatio	on number	, filed on
The above-i	identified applicati		thorized to be made by me	
	ve that I am (we ar I the above-identifi		ntor (original joint inventors	
punishable both.	under 18 U.S.C. 10	01 by fine or impris	tatement made in this decla conment of not more than f	ive (5) years, or
				ter and probable
¹ This form re	equires the use of an A	pplication Data Sheet.		

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

Section II. Assignment

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Samsung Electronics Co., Ltd.

having an address at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, Republic of Korea (hereinafter designated as the Assignee), the entire (100%) right, title and interest for the United States as defined in 35 USC §100, in the invention described in the application identified in Section I of this document.

Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-

SEC Ref No. WB-201506-010-1 Attorney Ref No. 1535-206

examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

The undersigned hereby grant(s) the law firm of Renaissance IP Law Group LLP the power to insert on this Declaration and 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.

Section III. Inventor(s)/Assignor(s) Signature(s)

LEGAL NAME OF FIRST	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	WORLEY	Fred	
SIGNATURE		DATE	
			Dalam vimákásothesik

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
SECOND INVENTOR/ASSIGNOR	ROGERS	Harry	
SIGNATURE	11/1/5	DATE	10/27/2015
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	Family Name	First Given Name	Second Given Name
THIRD INVENTOR/ASSIGNOR	MARRIPUDI	Gunneswara	
SIGNATURE		DATE	de vidigio e in devalue e vidigio e contrata de la
LEGAL NAME OF	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	PING	Zhan	
SIGNATURE		DATE —	
LEGAL NAME OF	Family Name	First Given Name	Second Given Name
FIFTH	Family Name SINHA	First Given Name Vikas	Second Given Name
FIFTH INVENTOR/ASSIGNOR			Second Given Name
FIFTH INVENTOR/ASSIGNOR	SINHA		Second Given Name
FIFTH — INVENTOR/ASSIGNOR	SINHA	Vikas	Second Given Name
FIFTH INVENTOR/ASSIGNOR	SINHA	Vikas	Second Given Name
FIFTH — INVENTOR/ASSIGNOR	SINHA	Vikas	Second Given Name
FIFTH — INVENTOR/ASSIGNOR	SINHA	Vikas	Second Given Name

COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM¹

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WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

Title:	SOLID STATE DRIVE MULTI-CARD ADAPTER
	WITH INTEGRATED PROCESSING
for which As	signor is about to make or has made United States or International application
WHEREAS, a	s a below named inventor(s), I/(we) hereby declare that:
Section I. Do	eclaration
This declarat	ion is directed to:
	The attached U.S. non-provisional patent application, or
	U.S. non-provisional patent application number, filed on, or
	PCT international patent application number, filed on
I (we) believe	entified application was made or authorized to be made by me (us). that I am (we are) the original inventor (original joint inventors) of a claimed the above-identified application.
	acknowledge that any willful false statement made in this declaration is nder 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or
1 This form rec	uires the use of an Application Data Sheet. WB-201506-010-1 Attorney Ref No. 1800 DANT

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

Section II. Assignment

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned hereby sell(s) and assign(s) to

Samsung Electronics Co., Ltd.

having an address at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, Republic of Korea (hereinafter designated as the Assignee), the entire (100%) right, title and interest for the United States as defined in 35 USC §100, in the invention described in the application identified in Section I of this document.

Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-

WB-201506-010-1 Attorney Ref No. 1847591T REEL: 055790 FRAME: 0419 examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

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Section III. Inventor(s)/Assignor(s) Signature(s)

LEGAL NAME OF FIRST	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	WORLEY	Fred	
* 8		· · · · · · · · · · · · · · · · · · ·	
SIGNATURE		DATE	

LEGAL NAME OF SECOND INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	ROGERS	Harry	
SIGNATURE		DATE	

SEC Ref No. WB-201506-010-1 Attorney Ref No. 154556NT REEL: 055790 FRAME: 0420

LEGAL NAME OF THIRD	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	MARRIPUDI	Gunneswara	
SIGNATURE	M. German	DATE	11/05/2015

LEGAL NAME OF FOURTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	PING	Zhan	
		······································	
SIGNATURE		DATE	
		····	······································

LEGAL NAME OF FIFTH INVENTOR/ASSIGNOR	Family Name	First Given Name	Second Given Name
	SINHA	Vikas	
		DATE	I
SIGNATURE			

SEC Ref No.

WB-201506-010-1

Attorney Ref No.

18ATAGNT

COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM¹

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WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

	e dilder signed, hereinarter referred to concentrely as 7.55 ignor, has invented.			
Title:	SOLID STATE DRIVE MULTI-CARD ADAPTER			
	WITH INTEGRATED PROCESSING			
for which Ass	ignor is about to make or has made United States or International application			
WHEREAS, as	a below named inventor(s), I/(we) hereby declare that:			
Section I. De	claration			
This declarati	on is directed to:			
\boxtimes	The attached U.S. non-provisional patent application, or			
	U.S. non-provisional patent application number, filed on, or			
	PCT international patent application number, filed on			
The above-ide	entified application was made or authorized to be made by me (us).			
	that I am (we are) the original inventor (original joint inventors) of a claimed he above-identified application.			
	acknowledge that any willful false statement made in this declaration is nder 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or			
¹ This form req	uires the use of an Application Data Sheet.			
SEC Ref No.	WB-201506-010-1 Attorney Ref No. 1535-206			

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM

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Samsung Electronics Co., Ltd.

having an address at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, Republic of Korea (hereinafter designated as the Assignee), the entire (100%) right, title and interest for the United States as defined in 35 USC §100, in the invention described in the application identified in Section I of this document.

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COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM

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Section III. Inventor(s)/Assignor(s) Signature(s)

LEGAL NAME OF FIRST	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	WORLEY	Fred	
SIGNATURE _.		DATE -	
LEGAL NAME OF SECOND	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	ROGERS	Harry	
		DATE	
SIGNATURE		DATE -	

SEC Ref No. WB-201506-010-1 Attorney Ref No. 1535-206

SIGNATURE		DATE —	
INVENTOR/ASSIGNOR	SINHA	Vikas	
LEGAL NAME OF	Family Name	First Given Name	Second Given Name
SIGNATURE		_	11/10/2010
CICNATURE	74 ~	DATE	11/19/2015
FOURTH INVENTOR/ASSIGNOR	PING	Zhan	
LEGAL NAME OF	Family Name	First Given Name	Second Given Name
SIGNATURE		_	
SIGNATURE		DATE	
INVENTOR/ASSIGNOR	MARRIPUDI	Gunneswara	
LEGAL NAME OF THIRD	Family Name	First Given Name	Second Given Name

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM
Page 4 of 4

COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM¹

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application.

Title:		SOLID STATE DRIVE	MULTI-CARD ADAPTER	
		WITH INTEGR	ATED PROCESSING	
fau aktak A				
for patent.	signor is ar		United States or Internation	
WHEREAS, a	s a below r	named inventor(s), I/(we)	hereby declare that:	
Section I. D	eclaration			
This declara	tion is dire	cted to:		
	The atta	ached U.S. non-provisiona	al patent application, or	
		-provisional patent applic	cation numberr	, filed
	PCT inte	rnational patent applicati	on number	, filed on
The above-io	lentified a	oplication was made or au	uthorized to be made by me	(us).
		(we are) the original inve	entor (original joint inventor	s) of a claimed
		S.C. 1001 by fine or impri	statement made in this dec sonment of not more than	five (5) years, or
¹ This form re	quires the us	e of an Application Data Sheet.		
		The second of th	a. Sii adiidi lattaa la sissii ila seerassis	

plation it repaire **REEL: 055790 FRAME: 0426**

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In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned hereby sell(s) and assign(s) to

Samsung Electronics Co., Ltd.

having an address at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, Republic of Korea (hereinafter designated as the Assignee), the entire (100%) right, title and interest for the United States as defined in 35 USC §100, in the invention described in the application identified in Section I of this document.

Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-

SEC Ref No.	WB-201506-010-1	Attorney Ref No.	1535-206

examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

The undersigned hereby grant(s) the law firm of Renaissance IP Law Group LLP the power to insert on this Declaration and 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.

Section III. Inventor(s)/Assignor(s) Signature(s)

LEGAL NAME OF FIRST	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	WORLEY	Fred	
SIGNATURE		DATE	

LEGAL NAME OF SECOND	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	ROGERS	Harry	
_			
SIGNATURE		DATE	
SIGNATURE			· · · · · · · · · · · · · · · · · · ·

SEC Ref No.

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Attorney Ref No.

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LEGAL NAME OF	Family Name	First Given Name	Second Given Name
THIRD INVENTOR/ASSIGNOR	MARRIPUDI	Gunneswara	
INVERTION AND ADDRESS OF THE PROPERTY OF THE P			
SIGNATURE		DATE	
SIGNATURE			
LEGAL NAME OF	Family Name	First Given Name	Second Given Name
FOURTH	PING	Zhan	
INVENTOR/ASSIGNOR			
	<u> </u>		
		DATE	
SIGNATURE			
LEGAL NAME OF	Family Name	First Given Name	Second Given Name
FIFTH	SINHA	Vikas	
INVENTOR/ASSIGNOR	SINTA	Vikas	
		3	
	1/1 11 liba	nate.	10/26/2015
SIGNATURE	Ykask. Sula		10/26/2015

		Attorney Ref No.	1535-206

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSENTED FORM

RECORDED: 03/31/2021