506840963 08/27/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MITSUNOBU HIROSE	06/30/2021
REO YONAGA	07/02/2021

RECEIVING PARTY DATA

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City:	TOKYO		
State/Country:	JAPAN		
Postal Code:	2030044		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17425655	

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.

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Address Line 2: JAMES R. CRAWFORD

PATENT

REEL: 057310 FRAME: 0273 506840963

Address Line 4: NEW YORK, NEW YORK 10019		
ATTORNEY DOCKET NUMBER:	BAAL.P0067US	
NAME OF SUBMITTER:	JAMES R. CRAWFORD	
SIGNATURE:	/James R. Crawford/	
DATE SIGNED:	08/27/2021	
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif		

PATENT REEL: 057310 FRAME: 0274

Assignment

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto HIROSE Mitsunobu, 4-35-19, Minamiogikubo, Suginami-ku, Tokyo, JAPAN 1670052, YONAGA Reo, 115, Hakuraku, Kanagawa-ku, Yokohama-shi, Kanagawa, JAPAN 2210065, TANIGUCHI MASAHITO, 2-15-65, Yanagikubo, Higashikurume-shi,

AND

Tokyo, JAPAN 2030044 (hereinafter ASSIGNEE) all right, title and interest in and to his invention relating to				
CERTIFICATE RECOGNITION SYSTEM, CERTIFICATE RECOGNITION METHOD, A				
PROGRAM OF VERIFYING CERTIFICATE				
as set forth in his United States Patent Application				
as set forth in his Office States Patent Application				
executed concurrently herewith				
executed on				
X Serial No. filed 17/425,655 filed July 23, 2021				
X Serial No. filed 17/425,655 filed 1417 23, 2021				
in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all divisions, continuations, additions, extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filling of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith; Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith; Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal rep				
Names and Signatures of Inventors:				
runies and signatures of inventors.				
HIROSE Mitsunobu 30/06/2021 Date				

PATENT REEL: 057310 FRAME: 0275 Attorney Docket No.: BAAL.P0067US

RECORDED: 08/27/2021

Worldwide Rights — Sole or Joint

Assignment

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto HIROSE Mitsunobu, 4-35-19, Minamiogikubo, Suginami-ku, Tokyo, JAPAN 1670052, YONAGA Reo, 115, Hakuraku, Kanagawa-ku, Yokohama-shi, Kanagawa, JAPAN 2210065, TANIGUCHI MASAHITO, 2-15-65, Yanagikubo, Higashikurume-shi, Tokyo, JAPAN 2030044 (hereinafter ASSIGNEE) all right, title and interest in and to his invention relating to

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CERTIFICATE RECOGNITION SYSTEM, CE PROGRAM OF VERIFYING CERTIFICATE as set forth in his United States Patent Application	RTIFICAT	E RECOGNITION METHOD, A
executed concurrently herewith		
executed on	-	
X Serial No. filed 17/425,655	filed	July 23, 2021
in and to said United States Patent Application including any and and all Letters Patent of the United States which may issue on a and all reissues or extensions thereof and all applications for Letter any country or countries foreign to the United States, and all L any country or countries foreign to the United States and all divides using the United States and all divides thereof and all rights of priority in any such country or countries Patent of the United States which are created by any law, by said ASSIGNEE, its successors, legal representatives and assignable using Letters Patent may be granted as fully and entirely as we this Assignment not been made; Each of the undersigned hereby authorizes and request any and all such Letters Patent to said ASSIGNEE, its successors. Each of the undersigned warrants and covenants that he interests herein sold and assigned and that he has not execute conflict herewith; Each of the undersigned further covenants and agrees successors, legal representatives or assigns he will common representatives or assigns all information known to him relating execute and deliver any papers, make all rightful oaths, testify acts deemed necessary or desirable by said ASSIGNEE, its successor and invention, to said application including divisions, continuation thereof and to any and all Letters Patent which may be granted or assigns or to assist said ASSIGNEE, its successors, legal enforcing Letters Patent for said invention; Each of the undersigned hereby grants to all practition further identification which may be necessary or desirable to conflict for recordation of this Assignment. Names and Signatures of Inventors:	any such applicers Patent which etters Patent which etters Patent which etters Patent which etters Patent will enter the suntries based treaty or international to the full enter the full and the full	cation or for said invention, including any ch may hereafter be filed for said invention which may be granted for said invention in ations, additions, extensions, renewals and I upon the filing of the said application for ational convention; to be held and enjoyed end of the term or terms for which any and a held and enjoyed by the undersigned had sioner of Patents and Trademarks to issue accordance herewith; and unencumbered right to sell and assign of execute any document or instrument in the upon request of said ASSIGNEE, its said ASSIGNEE, its successors, legal tion or patent application and that he will proceedings and perform all other lawful epresentatives or assigns to perfect title to uses, extensions, additions and renewals ereon, in said ASSIGNEE, its successors, es or assigns in obtaining, reissuing or the power to insert in this Assignment any
YONAGA Reo O 2 / 07/20 21		

PATENT REEL: 057310 FRAME: 0276