505512342 06/06/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5559147

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHIGEO ARAKI	05/31/2019

RECEIVING PARTY DATA

Name:	RICOH COMPANY, LTD.
Street Address:	3-6, NAKAMAGOME 1-CHOME, OHTA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	143-8555

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16433392

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	19RT-007	
NAME OF SUBMITTER:	KYOKO MACKILLOP	
SIGNATURE:	/Kyoko MacKillop/	
DATE SIGNED:	06/06/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 4

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PATENT REEL: 049394 FRAME: 0546

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VERIFICATION OF TRANSLATION

I, Tadashige Itoh, a Patent Attorney of Tokyo, Japan having my office at 16th Floor, Marunouchi MY PLAZA (Meiji Yasuda Seimei Building), 1-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 Japan do solemnly and sincerely declare that the English-language translation(s) in the attached combined declaration and assignment(s) is correct, true and faithful translation(s) to the best of my knowledge and belief.

Dated June 5, 2019

Tadashige Itoh

Patent Attorney
ITOH International Patent Office
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100-0005 Japan

PATENT REEL: 049394 FRAME: 0547

COMBINED DECLARATION AND ASSIGNMENT

特許出願宣言書及び譲渡証

本譲渡証は、(1)	<u> 及び (2)</u>	a This ass
居所を有する。		(hereinafte
(1) <u></u> 、及によるものであり、	(以下、譲)	験人) <u>KANAGA</u>
	れた。又は、本譲渡証と同時 とめの特許出願に記載された 899をかり	
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一方、	に営業所を有す (以下、議多人)は、	United Stat
発明及び米国特許証のが	こめの上記出願、及びそこか	
られる全ての米国特許記	Eに関する全ての権利、権原	
7 代刊がから野が得える。その日		7 07

そのためここに、受額を確認した5ドル及び有効にして 価値ある他の対価と引き換えに、譲渡人は、譲受人なら びにその承継人、法定代理人及び(更なる) 議受人に対 して、上記発明及び特許証のための上記出願、及び上記 特許出願の全ての直接的及び間接的な分割出願、継続出 願、総統審査及び一部継続出願、それらに基づく合衆国 及びにあらゆる全ての外国において付与される全ての特 許証、当該特許証の再発行、再審査及び延長についての 全ての権利、権原及び利益と、工業所有権保護に関する 国際条約上の全ての権利とを、本譲渡が実施されなかっ た場合に譲渡人が保持・享受したであろう場合と完全に 同様に、特許証の存続期間及び/又は延長期間が満了す るまでの間、譲受人自ちの使用及び利益のために、また その承継人、法定代理人及び(更なる) 譲受人の使用及 び利益のために譲受人により保持・享受されるように、 売却、譲渡、移転、設定しており、本書面によりこれを 証する。

更に、同一の対価に対し、本書面の署名及び交付にあた り、譲渡人は、法律に基づき譲受人に対して発生する及び/又は既に譲受人に移転された全ての権利、権原及び 利益を除き、譲渡人は上記発明及び特許証のための上記 THIS ASSIGNMENT, by SHIGEO ARAK!. (hereinafter referred to as "Assignor(s)"), residing at KANAGAWA, JAPAN. respectively;

WHEREAS, Assignor(s) has/ have made an invention entitled:

INFORMATION PROCESSING APPARATUS...
INFORMATION PROCESSING SYSTEM, AND
METHOD OF REMOTE INFORMATION SHARING,

(Application No.	
filed	

set forth in a patent application for Letters Patent of the United States, either previously filed or executed concurrently herewith; and

WHEREAS, Ricoh Company, Ltd. (hereinafter referred to as "Assignee"), having offices at 3-6. Nakamagome 1-chome. Ohta-ku. Tokyo 143-8555, Japan, is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of Five Dollars (\$5.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor(s) has/have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned invention and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations, continued prosecutions, and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and benefit and the use and benefit of its successors. legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and Assignment not been made;

AND for the same consideration, Assignor(s) hereby represents and warrants to Assignee, its successors, legal 出版についての全ての権利、権原及び利益の唯一の法的 所有者であり、それは妨げられるものではなく、更に、 該液人は当該発明及び特許証のための出願を本譲渡証に 記載された方法により売却及び移転することができる有 効にして完全な権利及び法的な権威を有することを、該 受人及びにその承継人、法定代理人及び(更なる)該受 人に対して表明し、保証する。

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譲渡人はここに、譲受人並びにその承継人、法定代理人 及び(更なる)譲受人による単独での使用及び利益のため、上記発明及び上記発行される特許証の譲受人として 上記米国特許証を譲受人宛に発行することを、米国特許 協議庁長官に要請する。

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譲渡人は、本発明がなされた時点において当該発明を譲 受人へ譲渡する義務があったことを認める。

私/我々は以上の証として以下の適切な欄に署名を行う。

representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights,

titles, and or interests that have arisen to Assignee under the law or that have already been transferred to Assignee, Assignor(s) are the sole and lawful owners of the entire right, title and interest in and to said invention and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor(s) has/have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, Assignor(s) hereby covenants and agrees to and with Assignce, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said invention, without charge to Assignee, its successors, legal representatives, and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns shall advise; that any proceeding in connection with said invention, or said patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said invention in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation, continued prosecutions, or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable;

AND Assignor(s) hereby requests that the Director of the United States Patent and Trademark Office issue said Letters Patent of the United States to Assignee, as Assignee of said invention and the said Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns;

AND Assignor(s) hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document; All practitioners associated with the Customer Number 77464.

AND Assignor(s) acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

IN TESTIMONY WHEREOF, I/WE have set our hand(s) in the appropriate space below.

宣言書		Declaration
下記発明者である私は、以下を宣言します。	Ās:	below named inventor, I hereby declare that:
本宣言は、以下を対象とする:	This	declaration is directed to:
□ 然付の出額、あるいは□ 米国出版番号又は PCT 国際出版番号 として、 の日に提出された	□ □ : 出額. · · · · · · · · · · · · · · · · · · ·	The attached application, or United States application or PCT international application number on
上記の出願は私自身、あるいは私が権限を接与した よって行われたものです。		above-identified application was made or authorized to rade by me.
私は本出題に記載の発明に関する原初の発明者、あ 原初の共同発明者です。		lieve that I am the original inventor or an original joint intor of a claimed invention in the application.
本宣誓書において故意に虚偽の申し立てを行った場 18U.S.C.1001 により、罰金あるいは最高五(5)年の書 あるいはその両方による罰則の対象となることを別 います。	場合は I he 表因例。 in th 大知して or in	eby acknowledge that any willful false statement made is declaration is punishable under 18 U.S.C. 1001 by fine aprisonment of not more than five (5) years, or both.
注:本書面に必要な情報やサインは英語右欄のみに 日本語左欄は英語原本理解のための参考情報。	for Japa	e: Insert the necessary information and signature his form in the English column only. The mese column is reference information to aid erstanding of the English.
Date (日付): Legal Name of Inventor(発明者氏名): Signature(発明者署名):	Mary 31 SHIGEO ARAI Shigeo C	

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RECORDED: 06/06/2019