504489297 08/04/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY D	ATA					
		Name	Execution Date			
SHOYA ISHIDA			04/12/2017			
SATOSHI KURODA			04/12/2017			
NORIFUMI TONAMI			04/12/2017			
RECEIVING PARTY DA	ТА					
Name:	PFU LIMITED					
Street Address:	98-2, NU,	98-2, NU, UNOKE				
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City:	ISHIKAW	ISHIKAWA				
State/Country:	JAPAN					
Postal Code:	929-1192					
PROPERTY NUMBERS Property Type		Number				
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Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA (6 e sent to ti provided; i 61 sh BF R/ 22 KI	10)407-0701 he e-mail address first; if that is unsu- if that is unsuccessful, it will be sent 0-407-0700 nunter@ratnerprestia.com RETT J. ROSEN ATNERPRESTIA 200 RENAISSANCE BLVD., SUITE 350 NG OF PRUSSIA, PENNSYLVANIA 19	<i>via US Mail.</i> 9406			
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Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NUME AME OF SUBMITTER: BIGNATURE:	ATA (6 e sent to ti provided; i 61 sh BF R/ 22 KI	10)407-0701 he e-mail address first; if that is unsu- if that is unsuccessful, it will be sent 0-407-0700 nunter@ratnerprestia.com RETT J. ROSEN ATNERPRESTIA 200 RENAISSANCE BLVD., SUITE 350 NG OF PRUSSIA, PENNSYLVANIA 19 SEI-289US BRETT J. ROSEN, REG. NO. 56,04 /Brett J. Rosen/	<i>via US Mail.</i> 9406			
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PATENT REEL: 043197 FRAME: 0407

COMBINED	DECLARATION/ASSIGNMENT - Patent Application	Docket Number (整理番号):					
(特許出願用の譲渡書付き宣言書)							
Whereas, the Assignor, comprising the following named inventors (以下の氏名の発明者を含む譲渡人):							
ASSIGNOR(s)/ INVENTOR(s) (譲渡人/発明者)	1. Shoya Ishida	2. Satoshi Kuroda					
	3. Norifumi Tonami	4.					
	5.	6.					
made an invention entitled: <u>Scanner</u>							
(12	という名称の発明を行い)						
for which an application for Letters Patent of the United States (the Application) (これについて米国特許証を得る ための出願書類 (「本願」) を): (Select one of the following) (下記から1つを選択): [図 is submitted concurrently herewith (ここに同時に提出する) [was filed in the U.S. Patent and Trademark Office on, as U.S. Patent Application Serial No.:							
(出願番号	•)に米国特許商標庁へ申請した)					
•							
ASSIGNEE (Full Name and Ad (譲受入 (氏名および住所))	98-2, Nu, Unoke, Kahoku-	shi, ISHIKAWA 929-1192 JAPAN					
is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor (は当該発明に対する利権全体、またそれに関連する特許証を取得することを望んでいる。),							
Dollar (\$1.00), and Assignor, intendin assigns, the full ar said invention, inc provisional applica including reissues	d for other good and valuable consideration, g to be legally bound, hereby sells, assigns a nd exclusive right, title and interest in and to luding the Application, all divisions, continua- ations claiming priority thereto, all rights to cla , to be obtained therefor, including any and a reto and authorizes Assignee to file such ap	ignee to Assignor of a sum corresponding to One the receipt of which is hereby acknowledged, and transfers to Assignee, its successors and said invention, all applications for Letters Patent for ions, and continuations-in-part thereof and non- aim priority based thereon, and all Letters Patent, Il foreign patent rights in this invention plications for Letters Patent in the United States					
額を受領済みであ びその承継人と譲 特許証の全ての出 先権を主張する全 特許権を含む)を	ることを確認する)を約因として、譲渡人に 受人に対して、当該発明の全ておよび独占の 顧、全ての分割出願、継続出願、一部継続出 ての権利、再発行を含める取得する全ての報	計額支払、およびその他の商品や有価約因(当該 は、法的に拘束されることを了承し、譲受人、およ 2権利、所有権、利権、「本願」を含む当該発明の 3願、優先権を主張する非仮出願、それらを基に優 許証(これに対応する本発明における全ての外国 いずれの国においても特許証のそのような出願書を					
Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment. (よって譲渡人は、この譲渡との抵触となる譲渡、販売、合意または負担の、過去あるいは将来での実施や締結がないことを保証する。)							
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Page 1 of 3 Modified 2/6/03

PATENT REEL: 043197 FRAME: 0408

COMBINED DECLARATION/ASSIGNMENT -Patent Application

Docket Number (整理番号):

(特許出願用の譲渡書付き宣言書)

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument. (譲渡人は、これが法的に拘束され、また譲受人またはその承継人またはその法定代理人の要請により、当該発明の作成および実行に関連して、譲渡人が知っている、または所有する全ての情報や証拠を供給し、これに関するあらゆる法的手続で証言し、譲受人の名において米国および海外における同発明の特許取得に固有の法律文書を交付し、この法的文書の趣旨を遂行することに固有の全ての法的文書を交付するものとする。)

If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein. (発明が生物学 的寄託を必要とする場合は、ここに譲渡された特許権の有効性を示すため、譲渡人は譲受人に対し、譲渡人によって作成されたあらゆる寄託を管理する権利も与えるものとする。)

Assignor authorizes Assignor's attorney to insert the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above. (前述の米国特許証および/または事件の一連番号および出願日あるいは本出願のファイル名が上に示されていない場合、譲渡人は譲渡人の弁護士にこれを挿入することを許可する。)

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively. (譲渡人が複数人である場合は、これらの義務は各個人および集団の両方に適用される。)

In witness whereof, this Assignment is executed on the day indicated below. (これを証するため、本譲渡 は下に記載した日付において実行する。)

> Page 2 of 3 Modified 2/6/03

PATENT REEL: 043197 FRAME: 0409

COMBINED DECLARATION/ASSIGNMENT -Patent Application

Docket Number (整理番号): _

(特許出願用の譲渡書付き宣言書)

Declaration (宣言書):

Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

(発明者に対する注記:37C.F.R.§1.63(c)は「出願内容を検査・理解しない限り、本人は宣言を実行してはならない。出願内容は特許請求の範囲を含み、また§1.56に規定されたように、本人が知るところの特許性に重要な全ての情報を特許庁に開示する義務について認識していること」と記載している。)

As a below named inventor, I declare that the Application was made or authorized to be made by me.

(下に記載された名前の発明者として、「本願」は私が作成、または私が作成することを許可されたものである ことを宣言する。)

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

(私がこの出願で請求している発明のもとの発明者またはもとの共同発明者であると確信する。)

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.

(この宣言書において故意に虚偽の申し立てを行なった場合は、18U.S.C. 1001 により、罰金または最高5年の 禁固刑またはその両方による罰則の対象となることを認める。)

· · · · · · · · · · · · · · · · · · ·	Typed or Printed Name (タイプまたは活宇体での氏名)	Signature (署名)		Date (日付)
SIGNATURE (署名)	1. Shoya Ishida	石田翔世。	• 	April 12, 2017
	2. Satoshi Kuroda	黑田悟志		April 12, 2017
	3. Norifumi Tonami	砺波 則史		April 12, 2017
	4.		24446442422424424494944444999944444999994444499999444449999	
	5.			
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Application fo	r United States Letters Patent (米	国特許証出願):		
 Serial No. (一連番号):		29/601,978		
1 · ·		April 27, 2017		
		SEI-289US		
	of Assignment Pages (譲渡文ペー	ジ数合計): 1		****

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PATENT REEL: 043197 FRAME: 0410

RECORDED: 08/04/2017