10/21/2016 504061479

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4108145

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHOZO SAKURA	10/19/2016
SHINICHIROH SATOH	10/19/2016

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:	15299788

CORRESPONDENCE DATA

Fax Number: (212)391-0525

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.

2122780400 Phone:

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Correspondent Name: **PAUL TENG**

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Address Line 4: NEW YORK, NEW YORK 10112

ATTORNEY DOCKET NUMBER:	2271/89081
NAME OF SUBMITTER:	PAUL TENG
SIGNATURE:	/PAUL TENG/
DATE SIGNED:	10/21/2016

Total Attachments: 3

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> **PATENT** REEL: 040086 FRAME: 0460

504061479

Docket No.: 2271/89081

FORM PTO-1595 (Substitute) RECORDATION FOR	M COVER SHEET U.S. DEPARTMENT OF COMMERCE				
(Pay 8.06) PATENTS	ONLY Patent and Trademark Office				
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.					
Name of conveying party(ies):	Name and address of receiving party(ies):				
CIS. CIANZETTO A					
Shozo SAKURA;	Name: RICOH COMPANY, LTD.				
Shinichiroh SATOH	Internal Address:				
Additional name(s) of conveying party(les) attached?	Street Address: 3-6, Nakamagome 1-chome,				
Yes No	***************************************				
	Ohta-ku				
3. Nature of Conveyance:	City/State/Zip: Tokyo, 143-8555, JAPAN				
Security Assignment Change of Name Other					
Execution Date(s): October 19, 2016; October 19, 2016;					
	Additional name(s) & address(es) attached? Yes No				
Application number(s) or patent number(s): If this document is beir application is (are):	Ing filed together with a new application, the execution date(s) of the				
A. Patent Application No.(s) 15/299,788	B. Patent No.(s)				
L	ached? Yes No				
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved:				
Name: Paul Teng	7. Total fee (37 CFR §3.41):				
Internal Address:	Enclosed				
Street Address: COOPER & DUNHAM LLP	Authorized to be charged to deposit account				
30 Rockefeller Plaza, 20th Floor	€ 2 variouses to be guarded to deboart account.				
City/State/Zip: New York, New York 10112	8. Deposit account number:				
Chyotate/2p. 14ew 101R, 14ew 101R 10112	03-3125				
DO NOT U	SE THIS SPACE				
Statement and signature.					
	mation is true and correct and any attached copy is a true copy of the				
original document.	1) find				
Paul Teng, Reg. No. 40,837	<u>2016 ∝T. 21</u>				
Name of Person Signing	Signature Date				
	Total Number of pages including cover sheet, attachments and document: 3				
OMB No. 0651-0011 (exp. 4/94)	ith required cover sheet information to:				
Mail Stop Assignme	ent Recordation Services es Patent and Trademark Office				
	Box 1450				
Alexandria.	VA 22313-1450				

ASSIGNMENT

In consideration of One Dollar (\$1,00), and other good and valuable considerations, the receipt of which is hereby acknowledged, I/we, the undersigned,

Hereby sell, assign and transfer to RICOH COMPANY, LTD., a corporation of Japan, having a place of business at 3-6, Nakamagome 1-Chome, Ohta-ku, Tokyo 143-8555, Japan, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed, in the application for United States Patent, which was executed by the undersigned concurrently herewith and is entitled

APPARATUS FOR FABRICATING THREE-DIMENSIONAL OBJECT

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all

PATENT REEL: 040086 FRAME: 0462 rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

		- Shoyo Salving	[L.S.]
Date: October (9, 20)	. 6	SHOZO SAKURA	
Witness:	[signature] [print name] [address]		
		Shirlehinok Satish	_[L,S.]
Date: October 19, 2016		SHINICHIROH SATOH	
Witness:	[signature] [print name]		
	[address]		

PATENT REEL: 040086 FRAME: 0463

RECORDED: 10/21/2016