506584962 03/31/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6631744

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
MASAKI KIYOKAWA	03/01/2021	

RECEIVING PARTY DATA

Name:	RICOH ELECTRONIC DEVICES CO., LTD.
Street Address:	13-1, HIMEMURO-CHO, IKEDA-CITY
City:	OSAKA
State/Country:	JAPAN
Postal Code:	563-8501

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17281451

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.

Phone: 2122780400

Email: pteng@cooperdunham.com

Correspondent Name: PAUL TENG

Address Line 1: COOPER & DUNHAM, LLP

Address Line 2: 90 PARK AVENUE, 21ST FLOOR
Address Line 4: NEW YORK, NEW YORK 10016

ATTORNEY DOCKET NUMBER:	5153/91706
NAME OF SUBMITTER:	PAUL TENG
SIGNATURE:	/Paul Teng/
DATE SIGNED:	03/31/2021

Total Attachments: 2

source=17281451_RequestAssignmentRecordation_91706#page1.tif source=17281451_RequestAssignmentRecordation_91706#page2.tif

PATENT 506584962 REEL: 055778 FRAME: 0110

Docket No.: 5153/91706

FORM PTO-1595 (Substitute) RECORDATION FOR	M COVER SHEET U.S. DEPARTMENT OF COMMERC			
(Rev. 8-96) PATENTS	S ONLY Patent and Trademark Offic			
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.				
Name of conveying party(ies):	2. Name and address of receiving party(ies):			
Masaki KIYOKAWA	Name: RICOH ELECTRONIC DEVICES CO., LTD.			
Additional name(s) of conveying party(ies) attached?	Internal Address: Street Address: 13-1, Himemuro-cho, Ikeda-city			
3. Nature of Conveyance:				
Assignment Merger Security Assignment Change of Name Other	City/State/Zip: Osaka 563-8501 Japan			
Execution Date(s): March 1, 2021				
	Additional name(s) & address(es) attached? Yes No			
Application number(s) or patent number(s): If this document is being application is (are):				
A. Patent Application No.(s) 17/281,451	B. Patent No.(s)			
Additional numbers att 5. Name and address of party to whom correspondence concerning document should be mailed:	tached? Yes No 6. Total number of applications and patents involved: 1			
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			
90 Park Avenue, 21st Floor City/State/Zip: New York, New York 10016	8. Deposit account number:			
City/State/Zip: New York, New York 10016	03-3125			
DO NOT II	SE THIS SPACE			
Statement and signature.	OE THO OF THE			
To the best of my knowledge and belief, the foregoing information original document.	mation is true and correct and any attached copy is a true copy of the			
Paul Teng, Reg. No. 40,837	/Paul Teng/ 2021 March 31			
Name of Person Signing	Signature Date			
	Total Number of pages including cover sheet, attachments and document: $f 2$			
Mail Stop Assignme Director of the United Stat	ith required cover sheet information to: ent Recordation Services les Patent and Trademark Office			
	. Box 1450 VA 22313-1450			

COMBINED ASSIGNMENT AND DECLARATION UNDER 37 CFR 1.63(e)

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged:

(a) the undersigned hereby sells, assign, transfers and conveys to

Name of	f Assignee: 🔔	RICOH ELEC	CTRONIC DE	EVICES CO., I	AD.	
Address	of Assignee:	13-1, Himemui	ro-cho, Ikeda-	city, Osaka 56.	3-8501 Japan	
for all countries, any and all inven	in and to any a tions which are	ssignee), its successors, and all inventions which a disclosed but not clain ncurrently herewith and	h are disclosed and med, in the applica	d claimed, and as p	ossessed by the und	dersigned,
Title: _	LASER DI	RIVE DEVICE				••••
Applica	tion No.:	PCT/JP2018/0	47247, filed D	ecember 21, 2	018	

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;

- (b) the undersigned agrees to execute all papers necessary in connection with any application and/or grant for the invention and also to execute separate assignments in connection with such applications and grants as the Assignee may deem necessary;
- (c) the undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or grant for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding;
- (d) the undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm a grant to the Assignee in the United States and any other country in which the Assignee may file an application for patent or other grant;
- (e) the undersigned authorizes and requests the Director of the U.S. Patent and Trademark Office and other issuing authorities to issue any and all patents or other grants resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives;
- (f) the undersigned hereby grants the firm of COOPER & DUNHAM LLP the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of any issuing authority, including the United States Patent and Trademark Office, for recordation of this document.

Declaration: As a named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR \$1.56.

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, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

In witness whereof, executed by the undersigned on the date opposite the undersigned name.

Date: Mar 01 2021		Masaki Kiyokawa	fL.S.
Witness:	(signature)	Masaki KIYOKAWA	
	[print name]		
<u></u>	[address]		

PATENT REEL: 055778 FRAME: 0112

RECORDED: 03/31/2021