505077277 09/04/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5124034

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
CHIHIRO HARADA	08/07/2017	
AYAKO YOSHIDA	08/07/2018	

RECEIVING PARTY DATA

Name:	PIONEER CORPORATION		
Street Address:	28-8, HONKOMAGOME 2-CHOME		
City:	BUNKYO-KU, TOKYO		
State/Country:	JAPAN		
Postal Code:	113-0021		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16082255

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	122229-051US1
NAME OF SUBMITTER:	JESSICA R. GROSS
SIGNATURE:	/Jessica R. Gross/
DATE SIGNED:	09/04/2018

Total Attachments: 1

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PATENT 505077277 REEL: 046783 FRAME: 0312

Assignment

Whereas, I/We, Chihiro HARADA and Ayako YOSHIDA, both of Kawasaki-shi, Kanagawa, Japan, hereinafter called assignor(s), have invented certain improvements in

LIGHT-EMITTING DEVICE AND LIGHT-EMITTING SYSTEM

and executed an application for Letters Patent of the United States of America therefor; and

Whereas, Pioneer Corporation of 28-8, Honkomagome 2-chome, Bunkyo-ku, Tokyo, 113-0021, Japan (assignee(s)), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee(s), its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee(s), its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee(s) in connection with the United States application when called upon to do so by the assignee(s).

	I/We hereby au	thorize and requ	est my attorney	s PROCOPIO, (CORY, HARGRE	EAVES &
SAVII	TCH LLP of 525	B Street Suite 2	200, San Diego,	CA 92101 to in	sert here in parer	itheses
(Appli	cation number 10	6/082,255	and Confir	mation number	2037	, filed
Septer	nber 4, 2018	_) the application	n number, conf	irmation numbe	r and filing date o	of said
applica	ation when know	n.				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	,		9.			2
Date:	August 07,2018	Chihiro H	arada.			
		s/ Chihiro HARA	DA			Andread and the second and the secon
Date:	August 07,2018	Ayako)	oshida			
		s/ Ayako YOSHI	DA			

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

PATENT REEL: 046783 FRAME: 0313

RECORDED: 09/04/2018