PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3024351

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AKIRA MATSUMOTO	09/03/2014
KIYOYUKI DEGUCHI	09/03/2014
YUUICHI KOGURE	09/03/2014
KAZUHITO NAKAMURA	09/03/2014
TOMOYUKI OKADA	08/21/2014
TORU FUJITA	08/21/2014
TATSUYA NAKAMURA	08/21/2014

RECEIVING PARTY DATA

Name:	FUTABA CORPORATION
Street Address:	629 OSHIBA
Internal Address:	MOBARA-SHI
City:	CHIBA
State/Country:	JAPAN
Postal Code:	297-8588
Name:	HAMAMATSU PHOTONICS KABUSHIKI KAISHA
Street Address:	1126-1, ICHINO-CHO,
Internal Address:	HIGASHI-KU, HAMAMATSU-SHI
City:	SHIZOUKA
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14469724

CORRESPONDENCE DATA

Fax Number: (414)271-3552

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: 414/277-5736

lynn.hust@quarles.com Email:

LYNN HUST **Correspondent Name:**

PATENT

REEL: 033749 FRAME: 0063 502977752

Address Line 1: 411 EAST WISCONSIN AVENUE

Address Line 2: QUARLES & BRADY

Address Line 4: MILWAUKEE, WISCONSIN 53202

ATTORNEY DOCKET NUMBER: 520514.00117

NAME OF SUBMITTER: DANIEL G. RADLER

SIGNATURE: /Daniel G. Radler/

DATE SIGNED: 09/16/2014

Total Attachments: 3

source=Executed Assignment#page1.tif

source=Executed Assignment#page2.tif

source=Executed Assignment#page3.tif

PATENT REEL: 033749 FRAME: 0064

ASSIGNMENT

WHEREAS, we, (1) Akira MATSUMOTO, (2) Kiyoyuki DEGUCHI, (3) Yuuichi KOGURE and (4) Kazuhito NAKAMURA, each of c/o Futaba Corporation, 629, Oshiba, Mobara-shi, Chiba, 297-8588, Japan, and (5) Tomoyuki OKADA (6) Toru FUJITA and (7) Tatsuya NAKAMURA, each of c/o Hamamatsu Photonics Kabushiki Kaisha, 1126-1, Ichino-cho, Higashi-ku, Hamamatsu-shi, Shizuoka 435-8558, Japan have made certain inventions which are described in an application for Letters Patent of the United States entitled X-RAY TUBE, and further described in PCT International Patent Application No. PCT/JP2013/055698 filed on March 1, 2013.

WHEREAS, (1) FUTABA CORPORATION, a Japanese corporation, having a place of business at 629, Oshiba, Mobara-shi, Chiba, 297-8588, Japan and (2) HAMAMATSU PHOTONICS KABUSHIKI KAISHA, a Japanese corporation, having a place of 1126-1, Ichino-cho, Higashi-ku, Hamamatsu-shi, Shizuoka 435-8558, Japan, (hereinafter referred to as said Companies), are desirous of acquiring the entire interest in said inventions throughout the United States of America and the territories thereof, for all other countries and under all international agreements,

NOW THEREFORE, for and in consideration of One Dollar (\$1.00) in hand paid, and other good and valuable consideration, receipt whereof is hereby acknowledged, we hereby sell, assign, and transfer unto said Companies, its successors and assigns, the entire right, title and interest throughout the United States of America and the territories thereof and for all foreign countries, in and to said inventions, the aforesaid application, all prior, related United States provisional applications, and all other applications hereafter filed in the United States or any other country based in whole or in part on said inventions, and all Letters Patent granted upon said application by the United States or any other country, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Companies. We further grant to said Companies, its successors and assigns, the right to claim for any of said applications the full benefits and priority rights of any international agreement between the United States and any foreign country or countries.

We hereby warrant that we have the full right to make the conveyance herein, and we hereby covenant that we, our heirs, legal representatives and assigns, will, when requested, communicate to said Companies, its representatives, successors and assigns, all facts known respecting said inventions, execute all divisional, continuing, reissue, reexamination and foreign applications together with individual assignments therefore, make all rightful oaths, sign all lawful papers, testify in any legal proceeding and generally do everything possible to aid said Companies, its successors and assigns, in the obtaining of Letters Patent.

IN TESTIMONY WHEREOF, we have hereunto set our hand and seal on the dates indicated below our signatures.

Date: September 3, 2014	Akira Matsumoto	(SEAL)
	Akira MATSUMOTO	·············
WITNESSES:		

Date:_	September 3, 2014	<u>Kiyoyuki Deguchi</u> Kiyoyuki DEGUCHI	(SEAL)
WITN	ESSES:		
			
Date:_	September 3, 2014	Yuuichi Kogure Yuuichi KOGURE	(SEAL)
WITN	ESSES:		
Date;_	September 3, 2014	Kazuhito Nakamuka Kazuhito NAKAMURA	(SEAL)
WITN	ESSES:	Razumto IVARAIVICRA	
		<u> </u>	

Date: 2014 / 8 / 1/	Tomoyuki Okada Tomoyuki OKADA	(SEAL)
WITNESSES:	Tomoyŭki OKADA	
Date: 2014 8 (2)	族田 选 Toru FUJITA	(SEAL)
WITNESSES:		
Date: 2014 / 8 / 2 WITNESSES:	Tatsuya NAKAMURA	(SEAL)
WITHLOODS.		