PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUTAKA TAKAMARU	04/10/2015

RECEIVING PARTY DATA

Name:	SHARP KABUSHIKI KAISHA
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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14439638	

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NAME OF SUBMITTER:	PETER J. YIM
SIGNATURE:	/Peter J. Yim/
DATE SIGNED:	04/29/2015

Total Attachments: 2

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> **PATENT** REEL: 035530 FRAME: 0784

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ATTORNEY DOCKET NO. 5142142111800

ASSIGNMENT

		Application No. <u>14/439,638</u>	(Int'l) Filed October 24, 2013
Insert Name(s) of Inventor(s)	→	WHEREAS, Yutaka TAKAMARU	
		(hereinafter designated as the undersigned) has (have) invented certain new an	d useful improvements in
Insert Title of Invention	→	ELECTROLUMINESCENT SUBSTRATE, METHOD FOR PRODU	CING SAME,
		ELECTROLUMINESCENT DISPLAY PANEL, AND ELECTROLU	MINESCENT DISPLAY DEVICE
		for which an application for Letters Patent of the United States of America has	s been executed by the undersigned
Insert Date of Signing of Application	→	on April 10, 2015	; and
Insert Name of Assignee	→	WHEREAS, <u>SHARP KABUSHIKI KAISHA</u>	•
Insert Address of Assignee	→	of 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 Japan	
CHECK BOX IF APPROPRIATE		its heirs, successors, legal representatives and assigns (hereinafter designated a entire right, title and interest in and to said invention and in and to any Letters the United States of America and	as the Assignee) is desirous of acquiring th Patent(s) that may be granted therefor in
	→	■ in any and all foreign countries.	
		NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.0 receipt of which is hereby acknowledged, and other good and valuable considerassigned and transferred, and by these presents does sell, assigned and transferright to the said invention in the United Sates of America, its territories, depending title and interest in and to any and all Letters Patent(s) which may be grad America, its territories, dependencies and possessions, and if the box above is countries;	eration, the undersigned has (have) sold, r unto said Assignee the fill and exclusive idencies and possessions and the entire anted therefor in the United States of
		and to any and all divisions, reissues, continuations and extensions thereof for may be granted.	the full term or terms for which the same

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

pa-819372

PATENT REEL: 035530 FRAME: 0785

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letters Patent(s) or reissue patent issue thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Morrison & Foerster LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Date April 16, 20/5, Name of Inventor Yutaka TAKAMARU

Yutaka TAKAMARU

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