504870933 04/16/2018

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4917673

SUBMISSION TYPE:	NEW ASSIGNMENT
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NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NAOYUKI KOBAYASHI	02/02/2018

RECEIVING PARTY DATA

Name:	THE JAPAN STEEL WORKS, LTD.	
Street Address:	Street Address: 11-1, OSAKI 1-CHOME	
City: SHINAGAWA-KU, TOKYO		
State/Country:	tate/Country: JAPAN	
Postal Code:	141-0032	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15954185

CORRESPONDENCE DATA

Fax Number: (703)956-7647

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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ATTORNEY DOCKET NUMBER:	XA-13309	
NAME OF SUBMITTER:	MITCHELL W. SHAPIRO, REG. NO. 31,568	
SIGNATURE: /Mitchell W. Shapiro/		
DATE SIGNED:	04/16/2018	

Total Attachments: 2

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PATENT REEL: 045554 FRAME: 0606 504870933



COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION

DECLARATION

As a below-named inventor, I hereby declare that:		
This Declaration is directed to:		
the attached application, OR		
United States Application No. or PCT International Application No,		
filed on, and was amended on,		
for the invention entitled <u>METHOD OF MANUFACTURING DISPLAY, DISPLAY, AND</u>		
LIQUID CRYSTAL TELEVISION .		
The above-identified application was made or authorized to be made by me.		
I believe I am the original inventor or an original joint inventor of a claimed invention in the application.		
I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above.		
I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.		
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.		
ASSIGNMENT		
IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt and sufficiency of which are hereby acknowledged, paid to me byTHE JAPAN STEEL WORKS, LTD ("ASSIGNEE"), a corporation or other business entity duly organized under the laws of, whose postal address is 11-1, Osaki 1-chome, Shinagawa-ku, Tokyo 141-0032 Japan,		
I do hereby sell, assign, and transfer to ASSIGNEE, its successors, legal representatives, and assigns, all my right, title and interest, in the United States of America, in and to the above-entitled invention and the above-identified application, all applications claiming the benefit of the above-identified application, including but not limited to all divisions and continuations, all United States Letters Patent which may be granted for the invention, and any reissues or extensions thereof, to be held and enjoyed by ASSIGNEE, its successors, legal		

representatives, and assigns, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me if this

assignment and sale had not been made;

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AND I further covenant and agree that upon request by ASSIGNEE, its successors, legal representatives, and/or assigns, and without further consideration, I will do all lawful acts that may be necessary or desirable to assist ASSIGNEE, its successors, legal representatives, and/or assigns to obtain and enforce patent protection for the invention in the United States of America, including, but not limited to, communicate with ASSIGNEE, its successors, legal representatives, and/or assigns any facts known to me regarding the invention, testify in any legal proceeding, sign all lawful papers, execute and deliver all papers that may be necessary or desirable to perfect the title to the invention in ASSIGNEE, its successors, legal representatives, and/or assigns, execute all divisional, continuation, and reissue applications, and make all rightful oaths, it being understood that any expense incident to the rendering of such assistance will be borne by ASSIGNEE, its successors, legal representatives, and/or assigns;

And I do hereby authorize and request the Director of the United States Patent and Trademark Office to issue all Letters Patent for the invention to ASSIGNEE, its successors, legal representatives, and assigns in accordance with the terms of this Assignment.

(1)	Full name of sole of first inventor: N	
	Date: 02 February 2018	Signature: Naoyuki Kabayashi
	Citizenship: Japan	γ Residence: <u>Yokohama-shi, Kanagawa, Japan</u>
	Post Office Address: <u>c/o THE JAPAN</u>	STEEL WORKS, LTD., 2-1, Fukuura 2-chome,
	Kanazawa-ku, Yokohama-shi, Kanaga	wa 236-0004 Japan
(2)	Full name of second joint inventor:	
	Date:	Signature:
	Citizenship:	Residence:
	Post Office Address:	
(3)		
	Date:	Signature:
	Citizenship:	Residence:
	Post Office Address:	
(4)		*****
	Date:	
	Citizenship:	
	Post Office Address:	

PATENT REEL: 045554 FRAME: 0608