505016721 07/24/2018

PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YASUO SEGAWA	12/06/2007
MASAAKI AOTA	12/06/2007
TOMOHIDE ONOGI	12/06/2007
HIROSHI MATSUDA	12/06/2007

RECEIVING PARTY DATA

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State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15984873

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NAME OF SUBMITTER:JEFFREY M. INGALLSSIGNATURE:/Jeffrey M. Ingalls/DATE SIGNED:07/24/2018

Total Attachments: 2

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PATENT 505016721 REEL: 046437 FRAME: 0685

譲渡証 (Translation/日本語訳)

下記に署名した私/私達、

瀬川 泰生,肯田 雅明,小野木 智英,松田 洋史,

は、ある発明を創出し、これについて合衆国特許出願は

		運により(そ	れぞれ)暑名され
	に出題され、	出顯番号	が交付され、
	POT国際出願	として	に出願され、
	の発明は、		
液是	表示装置		

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Assignment

For good and valuable consideration, the receipt of which is hereby acknowledged, I/WE, the undersigned,

Yasuo SEGAWA , Masaaki AOTA , Tomohide ONOGI , Hiroshi MATSUDA ,

who have created a certain invention for which an application for United States Letters Patent

\boxtimes	executed by ME/US on even date her	ewith.
	executed by ME/US on . (respe	ctively),
	filed on and assigned Serial No.	
	filed as International Application No.	filed on
ano	f entitled: \	

LIQUID CRYSTAL DISPLAY DEVICE

Do hereby sell, assign and transfer to Epson imaging Devices Corporation, having a place of business 6925 Toyoshina Tazawa. Azumino-Shi, Nagano Japan its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial peasessions and all foreign countries, and the entire right, title and interest in and to any and all Lettors Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations in part, continuations, divisions, substitutes, releases, extensions thereof, and all other applications for Latters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts,

Agree that Epson Imaging Devices Corporation hereinafter referred to as Assigned, may apply for and receive Letters Patent for said Invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possossions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expanse of said Assignes, its successors, assigns and logal representatives, the undersigned will execute all continuations in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful paths, assignments. powers of attorney and other papers, testify in any legal or quasi logal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof, and generally do everything possible which said Assigned, its successors, assigns, or legal representatives shall consider desirable for siding in securing maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignes, its successors, assigns, or legal reprosontatives; and

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PATENT REEL: 020342 FRAME: 0270

> PATENT REEL: 038428 FRAME: 0588

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さらに、下記に署名した私/私達はこの譲渡者は英帝の部分の表現によってのみ解釈されることに同意する。

I/WE, the undersigned do further agree that this Assignment is to be construed solely according to the terms of the English language portions thereof.

上記を証明するため、私/私達は下記日付で署名する。

IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature seal on the date indicated below.

唯一または第一発明者名		Full name of sole or first inventor	
瀬川泰生	•	Yasuo SEGAWA	
発明者の署名	日付	Inventor's signature	Date
瀬川 泰生	200年12月6日	Yasho Segum	Daranter 6,2007
第二共同発明者(いる場合)		Full name of Second joint inventor, if an	У
青田 雅明		Massaki AOTA	•
第二共同発明者の署名	日付	Second Inventor's aignature	Date
青田雅明	2007年12月6日	Marsaghe acta	Decembers 2007
第三共同発明者(いる場合)		Full name of Third joint inventor, if any	
小野木 智英		Tomohide ONOGI	
第三共国発明者の署名	日付	Third Inventor's signature	Date '
小野木智芙	207年12月1日	Tomohit- Onos:	December 6.2007
第四共同発明者(いる場合)		Full name of Fourth Joint inventor, if any	
松田 洋史		Hiroshi MATSUDA	
第四共同発明者の署名	百付 .	Fourth Inventor's signature	Date
	2007年12月6日	7diroshi Matsuda	December 6,2007
第五共同発明者(いる場合)		Full name of Fifth joint inventor, if any	
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第五共同発明者の著名	日付	Fifth Inventor's signature	Date .
第六共同発明者(いる場合)		Full name of Sixth joint inventor, if any	
第六共同発明者の署名	巨付	Sixth Inventor's signature	Date
第七共而発明者(いる場合)	Addition of the second	Full name of Seventh joint inventor, if an	у
第七共同発明者の著名	日付	Seventh inventor's signature	Date
第八共同発明者(いる場合)		Full name of Eighth joint inventor, if any	
第八共同発明者の署名	日付	Eighth Irventor's signature	Date

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RECORDED: 12/26/2007

PATENT REEL: 020342 FRAME: 0271

> **PATENT** REEL: 038426 FRAME: 0587

RECORDED: 03/29/2016