502841714 06/06/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2888310

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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TATSUYA HIRATA	05/28/2014
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14363557

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SIGNATURE:	/Daniel B. Moon/
DATE SIGNED:	06/06/2014

Total Attachments: 1

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PATENT REEL: 033050 FRAME: 0230

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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert	Asahi Kasei E-materials Corporation					
ASSIGNEE's . Name(s) Address(es))	1-105, Kanda Jinbocho, Chiyoda-ku, Tokyo 101-8101, Japan					
	•					
	-					
	(hereinafter "ASSIGNEE"), the receipt of transfers to ASSIGNEE the entire and ex	which is hereby acknowledged, the clusive right, title and interest to t	e undersigned ASSIGNOR hereby sells, assigns and the invention entitled			
(Title of	PHOTOSENSITIVE RESIN COMPOSITION, METHOD FOR PRODUCING HARDENED					
Invention)	RELIEF PATTERN, SEMICONDUCTOR DEVICE AND DISPLAY DEVICE					
	relating to International Patent Applicati of the United States was executed on eve	on PCT/JP <u>2012</u> / <u>08169</u> n date herewith or, if not so execu	21 and/or for which application for Letters Patent ted, was:			
Insert date	(a) executed on		nereby authorized to insert in (b) the specified			
of execution of application,	(b) filed on	Assignee's attorney is h data, when known.	tereby authorized to insert in (b) the specified			
if not concurrent)	Serial No/					
	and to said application and all Letters Patent(s) of the United States granted on said application and an renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said applications are patent(s)").					
	enforcing protection for said invention, in said Letters Patent(s), in any interference proceeding which may arise or be declare	GNEE may deem necessary, desira cluding in the preparation and pro , reissue, reexamination, or public d in relation to same, such acts to	without charge to but at the expense of said able or expedient, for securing, maintaining and secution of said application(s) and the issuance of use proceeding, and in any litigation or other legal include but not be limited to executing all papers, providing sworn testimony, and obtaining and			
٠.		ndersigned inventor(s) has (have) a	affixed his/her/their signature(s).			
Signatures)	1) Satashi Shih (SIGNATURE) 2) Tatsuya Hirafa	Satoshi Shibui	5/16/14 (DATE)			
	(SIGNATURE)	(TYPE NAME)	(DATE)			
	2) Tatsuja Hirala	Tatsuya Hirata	May 28,2014			
	(SIGNATURE)	·· (TYPE NAME)	(DATE)			
	31 Cakahin andi	Takahiro Sasaki	Mar 30 2016			
	(SIGNATURE)	(TYPE NAME)	(DATE)			
	Taxuke Almode	Taisuke Yamada	June 4, 2014			
-	(SIGNATURE)	(TYPE NAME)	(DATE)			
	m)					
	5)(SIGNATURE)	(TYPE NAME)	(DATE)			
		•				
	6)(SIGNATURE)	(TYPE NAME)	(DATE)			
	•	(A 111 117 LIII)	(DAIE) .			
•	7) · (CIONATUDE)					
•	(SIGNATURE)	(TYPE NAME)	(DATE)			
	8)					

(TYPE NAME)

PATENT REEL: 033050 FRAME: 0231

(DATE)

RECORDED: 06/06/2014

(SIGNATURE)