502752747 04/03/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUTAKA KODERA	02/24/2014
YO SAKATA	02/24/2014
MASATO KON	02/26/2014

RECEIVING PARTY DATA

Name:	TOPPAN PRINTING CO., LTD.	
Street Address:	1-5-1 TAITO, TAITO-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	110-0016	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14221994

CORRESPONDENCE DATA

Fax Number: (202)434-1501

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

US Mail.

Phone: 202-434-1500
Email: nlord@s-n-h.com
Correspondent Name: STAAS & HALSEY LLP
Address Line 1: 1201 NEW YORK AVE., N.W.

Address Line 2: SUITE 700

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005

ATTORNEY DOCKET NUMBER: 2269.1020

NAME OF SUBMITTER: DAVID M. PITCHER

SIGNATURE: /David M. Pitcher/

DATE SIGNED: 04/03/2014

Total Attachments: 1

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PATENT 502752747 REEL: 032596 FRAME: 0798

U.S. ASSIGNMENT		
	um of One Dollar (\$1.00), and of other good and signed inventor(s) (hereinafter, "ASSIGNOR") by	
Insert Name(s) & Address(es) of ASSIGNEE(S))		
TOPPAN PRINTING CO., LTD.,	Janan.	
1-5-1, Taito, Taito-ku, Tokyo 110-0016	Japan	
hereinafter, "ASSIGNEE"), the receipt of which is hereby ac ASSIGNEE the entire and exclusive right, title and interest to Title of Invention)	eknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to the invention entitled	
MASK BLANK FOR REFLECTION-TY TYPE EXPOSURE	PE EXPOSURE, AND MASK FOR REFLECTION-	
plating to International Detail Amplication	and/or for which application for Letters Patent of the United States was	
relating to International Patent Applicationexecuted on even date herewith or, if not so executed, was:	and/or for which application for feders I aren of the Office states was	
(a) executed on;	(Insert date of execution of application, if not concurrent)	
(b) filed on	Any registered attorney of STAAS & HALSEY IJP, 1201 New York Ave., N.W., Suite 700, Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.	
and to said application and all Letters Patent(s) of the United substitute, reissue or reexamination application based thereor and including any extensions thereof (collectively, hereinafte	States granted on said application and any continuation, division, renewal, n, for the full term or terms for which the said Letters Patent(s) may be granted or, "said application(s) and Letters Patent(s)").	
which the ASSIGNEE may deem necessary, desirable or expending in the preparation and prosecution of said application reexamination, or public use proceeding, and in any litigation	in NEE and without charge to but at the expense of said ASSIGNEE, to do all acts edient, for securing, maintaining and enforcing protection for said invention, on(s) and the issuance of said Letters Patent(s), in any interference, reissue, in or other legal proceeding which may arise or be declared in relation to same, s, including separate assignments and declarations, taking all rightful oaths, dence.	
IN WITNESS WHEREOF, the undersigned inventor(s) ha (Typed Name & Signature of Inventor(s))	as (have) affixed his/her/their signaturc(s). (Date) (Typed Name & Signature of Witness(es))	
1) Juliaka KODERA)	2/24/2014	
2) go Sakata 2 (YO SAKATA)	2/24/2014	
3) KON Masato 0	12/26/2014	

RECORDED: 04/03/2014

Docket No.

PATENT REEL: 032596 FRAME: 0799