PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4278265

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KAZUNORI MARUYAMA	04/18/2016
SHINICHI HIRATA	04/14/2016

RECEIVING PARTY DATA

Name:	DIC CORPORATION
Street Address:	35-58, SAKASHITA 3-CHOME, ITABASHI-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	174-8520

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15504416

CORRESPONDENCE DATA

Fax Number: (202)822-1111

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

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 202-822-1100

Email: patentmail@whda.com

Correspondent Name: WESTERMAN, HATTORI, DANIELS & ADRIAN, LL

Address Line 1: 1250 CONNECTICUT AVENUE, NW

Address Line 2: SUITE 700

Address Line 4: WASHINGTON, D.C. 20036

ATTORNEY DOCKET NUMBER:	P160197US00	
NAME OF SUBMITTER:	YOLIDIA A. PASOS	
SIGNATURE:	/YOLIDIA A. PASOS/	
DATE SIGNED:	02/16/2017	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

source=P160197US00_Combined Declaration and Assignment_02-16-2017#page1.tif source=P160197US00_Combined Declaration and Assignment_02-16-2017#page2.tif

PATENT 504231588 REEL: 041277 FRAME: 0953

Combined Declaration and Assignment

DECLARATION

for Utility and Design Patent Applications

As a below named inventor, I hereby declare that:

Docket No.: P160197US00

I believe I am the original inventor or an	original joint inventor of the subject matt	er which is claimed and for which a patent
is sought on the invention entitled	# *	<u>-</u>

is sought on the inv	ention entitled
	NEMATIC LIQUID CRYSTAL COMPOSITION, AND LIQUID CRYSTAL DISPLAY ELEMENT USING SAME
the application of w	thich is attached hereto unless the following is checked
PCT International A	as United States Application Number and was filed on September 1, 2015 as Application Number PCT/JP2015/074835 and was amended on (if applicable).
I hereby acknowled	lge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by nt of not more than 5 years, or both.
	ASSIGNMENT
	VALUABLE CONSIDERATION, the adequacy and receipt of which is hereby acknowledged by the or(s) (hereinafter ASSIGNOR) by
Insert Assignee(s) Name/Address:	DIC CORPORATION 35-58, Sakashita 3-chome, Itabashi-ku, Tokyo 174-8520 Japan

(hereinafter ASSIGNEE), the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the above-identified application (e.g., provisional or non-provisional) and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

The ASSIGNOR sells, assigns and transfers to said ASSIGNEE the entire and exclusive right, title and interest to the application(s) and the invention(s) disclosed therein for the United States of America and all countries foreign to the United States and do hereby authorize said ASSIGNEE to apply for patents therefore in its own name in countries where such procedure is proper and to claim the priority right under the International Convention and agrees to execute all papers

PATENT REEL: 041277 FRAME: 0954 necessary in connection with applications for such patents and any continuation, divisional, substitute, reissue or reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and also execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

Hereby executed by the undersigned on the date opposite the undersigned name:

Legal Name of inventor ⇒	Kazunori Maruyama	Date: Apr: 18' 2016
Inventor's Signature ⇔		
Legal Name of inventor ⇒	Shinichi Hirata	Date: April 14, 2016
Inventor's Signature ⇔	年四 真一	·