Docket No.: JCLA32378

Form 1595 (Rev. 09/04) RECORDATION FORM COVER SHEET U.S. Department of Commerce Patent and Trademark Office PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.			
		Name of conveying party(ies):	Name/address of receiving Party(ies):
		Names(s)Date of ExecutionHATTORI, NORIKATSUFeb. 8, 2011SAITO, MASAYUKIFeb. 8, 2011KAWASAKI, SUBARUFeb. 8, 2011FUJITA, HIROAKIFeb. 8, 2011	(1) CHISSO CORPORATION 3-23, NAKANOSHIMA 3-CHOME, KITA-KU, OSAKA-SHI, OSAKA 530-6108 JAPAN (2) CHISSO PETROCHEMICAL CORPORATION 2-1, OTEMACHI 2-CHOME, CHIYODA-KU, TOKYO, JAPAN
3. Nature of conveyance: ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Other ☐ Change of Name ☐ Reassignment 4. Application number(s) or patent number(s): A. Patent Application No. (s)	Add'1 name(s)/address(es) of receiving parties Attached? □ Yes ☒ No B. Patent No. (s)		
•	B. Fatell No. (5)		
13/060,054			
Additional numbers attached?	☐ Yes ☒ No		
Name and address of party to whom Correspondence concerning document should be mailed:	Total No. of applications and patents involved: ONE(1)		
J. C. Patents 4, Venture Suite 250 Irvine, CA. 92618 Tel: (949) 660-0761 Fax: (949) 660-0809 E-mail: jcpi@msn.com	7. Total fee (37 CFR §3.41): \$40.00 □ Authorized to be charge by credit card □ Authorized to be charge to deposit account □ Enclosed □ None required (government interest not affecting title) 8. Payment Information a. Credit Card Last Numbers □ Expiration Date □ Control Of Control		
Atty Docket No.: JCLA32378	b. Deposit Account Number <u>50-0710</u> Authorized User Name <u>Jiawei Huang</u>		
9. Statement and Signature:			
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.			
Jiawei Huang Name of Person Signing Registration No. 43,330 Signature	Date Total number of pages including cover sheet, attachments, and documents: 3		

PATENT REEL: 025816 FRAME: 0727

ASSIGNMENT

WHEREAS, 1. HATTORI Norikatsu

2. SAITO Masayuki

3. KAWASAKI Subaru

4. FUJITA Hiroaki

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: LIQUID CRYSTAL COMPOSITION AND LIQUID CRYSTAL DISPLAY DEVICE

[] Filed:

Serial No.

A Executed concurrently with the execution of this instrument

WHEREAS, CHISSO CORPORATION

of 3-23, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Oaska 530-6108 JAPAN CHISSO PETROCHEMICAL CORPORATION

2-1, Otemachi 2-Chome, Chiyoda-ku, Tokyo, Japan

hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor. Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

ASSIGNMENT CONTINUED

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

signature: Noukassu Hattori Date: February 8,2011

Sole or First Joint Inventor: Norikatsu Hattori

Signature: Masayuki Saita Date: February 8, 2011

Second Joint Inventor(if any): Masayuki Saito

Signature: Subaru Kanasaki Date: Tebruary 8. 2011

Third Joint Inventor(if any): Subaru Kawasaki

Signature: Hiroski rujita Date: February 8,2011

Fourth Joint Inventor(if any): Hiroaki Fujita