

Docket No.: JCLA32808

Form 1595 (Rev. 09/04)		RECORDATION FORM COVER SHEET		U.S. Department of Commerce Patent and Trademark Office							
<b><u>PATENTS ONLY</u></b>											
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.											
1. Name of conveying party(ies):  <table border="0"> <tr> <td><b><u>Names(s)</u></b></td> <td><b><u>Date of Execution</u></b></td> </tr> <tr> <td>TANAKA, HIROYUKI</td> <td>April 01, 2011</td> </tr> <tr> <td>SAGOU, KOUKI</td> <td>April 01, 2011</td> </tr> </table>			<b><u>Names(s)</u></b>	<b><u>Date of Execution</u></b>	TANAKA, HIROYUKI	April 01, 2011	SAGOU, KOUKI	April 01, 2011	2. Name/address of receiving Party(ies):  (1) JNC CORPORATION 2-1, OTEMACHI 2-CHOME, CHIYODA-KU, TOKYO 100-8105, JAPAN  (2) CHISSO PETROCHEMICAL CORPORATION 2-1, OTEMACHI 2-CHOME, CHIYODA-KU, TOKYO, JAPAN  Add'l name(s)/address(es) of receiving parties Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
<b><u>Names(s)</u></b>	<b><u>Date of Execution</u></b>										
TANAKA, HIROYUKI	April 01, 2011										
SAGOU, KOUKI	April 01, 2011										
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other <input type="checkbox"/> Change of Name <input type="checkbox"/> Reassignment											
4. Application number(s) or patent number(s):											
A. Patent Application No. (s)  13/125,041  Additional numbers attached?			B. Patent No. (s)  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No								
5. Name and address of party to whom Correspondence concerning document should be mailed:  J. C. Patents 4, Venture Suite 250 Irvine, CA. 92618 Tel: (949) 660-0761 Fax: (949) 660-0809 E-mail: jcp@msn.com			6. Total No. of applications and patents involved:  ONE(1)								
			7. Total fee (37 CFR §3.41): \$40.00 <input type="checkbox"/> Authorized to be charge by credit card <input checked="" type="checkbox"/> Authorized to be charge to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)								
			8. Payment Information a. Credit Card Last Numbers _____ Expiration Date _____ b. Deposit Account Number <u>50-0710</u> Authorized User Name <u>Jiawei Huang</u>								
Atty Docket No.: JCLA32808											
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.											
<u>Jiawei Huang</u> Name of Person Signing Registration No. 43,330		<u>/JIAWEI HUANG/</u> Signature		<u>April 19, 2011</u> Date							
				Total number of pages including cover sheet, attachments, and documents: 3							

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CS5410US  
32808-US-324-PCT

## ASSIGNMENT

WHEREAS,

1. HIROYUKI TANAKA

2. KOUKI SAGOU

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: FIVE-RING LIQUID CRYSTAL COMPOUND HAVING A NITROGEN-CONTAINING  
HETEROCYCLIC RING, LIQUID CRYSTAL COMPOSITION AND LIQUID  
CRYSTAL DISPLAY DEVICE

[ ] Filed: Serial No.

[x] Executed concurrently with the execution of this instrument

WHEREAS, 1. JNC CORPORATION  
of 2-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8105, Japan

2. CHISSO PETROCHEMICAL CORPORATION  
of 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.

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## ASSIGNMENT CONTINUED

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

Signature: Hiroyuki Tanaka  
Sole or First Joint Inventor: HIROYUKI TANAKA

Date: April 1, 2011

Signature: Kouki Sagou  
Second Joint Inventor : KOUKI SAGOU

Date: April 1, 2011

Signature: \_\_\_\_\_

Date: \_\_\_\_\_