

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Yuji YAMASHITA	03/03/2009
Masayuki SAITO	03/03/2009

**RECEIVING PARTY DATA**

Name:	Chisso Corporation
Street Address:	6-32, Nakanoshima 3-chome
Internal Address:	Kita-ku, Osaka-shi
City:	Osaka
State/Country:	JAPAN
Postal Code:	530-0005

Name:	Chisso Petrochemical Corporation
Street Address:	Shin-Otemachi Bldg. 2-1
Internal Address:	Otemachi 2-Chome, Chiyoda-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	100-8105

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12422736

**CORRESPONDENCE DATA**

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**PATENT  
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ATTORNEY DOCKET NUMBER:

19629-0080

NAME OF SUBMITTER:

Kirk O. Hahn

Total Attachments: 2

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**ASSIGNMENT**

- (1-8) *Name(s) of Inventor(s)*
- |     |                |     |
|-----|----------------|-----|
| (1) | Yuji YAMASHITA | (5) |
| (2) | Masayuki SAITO | (6) |
| (3) |                | (7) |
| (4) |                | (8) |

In consideration of the good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

- (9) *Name of Assignee* (9) CHISSO CORPORATION  
CHISSO PETROCHEMICAL CORPORATION
- (10) *State of Incorporation of Assignee* (10) Japan
- (11) *Address of Assignee* (10) of

6-32, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-0005 Japan  
Shin-Otemachi Bldg.2-1, Otemachi 2-Chome, Chiyoda-ku,  
Tokyo 100-8105 Japan

(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

- (12) *Identification of Invention, such as Title, Case Number or Foreign Application Number* (12) LIQUID CRYSTAL COMPOSITION AND LIQUID CRYSTAL DISPLAY DEVICE for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.
- (13) *Date(s) of Signing of Declaration* (13) on

1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

6) The undersigned hereby appoints the persons associated with Customer Number:

000026021



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PATENT TRADEMARK OFFICE

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: March 3, 2009 Signature of Inventor 1 *Gyōji Yamashiro*  
Date: March 3, 2009 Signature of Inventor 2 *Masayuki Saito*  
Date: \_\_\_\_\_ Signature of Inventor 3 \_\_\_\_\_  
Date: \_\_\_\_\_ Signature of Inventor 4 \_\_\_\_\_  
Date: \_\_\_\_\_ Signature of Inventor 5 \_\_\_\_\_  
Date: \_\_\_\_\_ Signature of Inventor 6 \_\_\_\_\_