

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Hirokazu FURUE</td><td>12/02/2005</td></tr><tr><td>Hiroshi YOKOYAMA</td><td>12/07/2005</td></tr></tbody></table>	Name	Execution Date	Hirokazu FURUE	12/02/2005	Hiroshi YOKOYAMA	12/07/2005	
Name	Execution Date						
Hirokazu FURUE	12/02/2005						
Hiroshi YOKOYAMA	12/07/2005						
RECEIVING PARTY DATA							
Name:	Japan Science and Technology Agency						
Street Address:	1-8, Hon-cho 4-chome,						
City:	Kawaguchi-shi, Saitama						
State/Country:	JAPAN						
Postal Code:	332-0012						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10562673</td></tr></tbody></table>	Property Type	Number	Application Number:	10562673			
Property Type	Number						
Application Number:	10562673						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Angela Whirley						
Total Attachments: 2 source=283483usAssignment#page1.tif source=283483usAssignment#page2.tif							

OP \$40.00 10562673

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REEL: 020089 FRAME: 0492

Assignment of Application

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WHEREAS, I (WE) Hirokazu FURUE and Hiroshi YOKOYAMA of: 1153-35, Komahane, Sowa-machi,
Sashima-gun, Ibaraki 306-0221 Japan; and 13-31, Azuma 4-chome, Tsukuba-shi,
Ibaraki 305-0031 Japan

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

_____, respectively,

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in: SMECTIC LIQUID CRYSTAL DEVIDE AND
PROCESS FOR PRODUCING THE SAME

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on _____,
(Application No. _____, filed _____), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, Japan Science and Technology Agency
(hereinafter referred to as “ASSIGNEE”) having a place of business at: 1-8, Hon-cho 4-chome, Kawaguchi-shi,
Saitama 332-0012 Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, 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: Dec. 2, 2005


(Signature of Inventor) Hirokazu FURUE

Date: Dec. 7, 2005


(Signature of Inventor) Hiroshi YOKOYAMA

Date: _____

(Signature of Inventor) _____

Date: _____

(Signature of Inventor) _____

Date: _____

(Signature of Inventor) _____

Date: _____

(Signature of Inventor) _____

Date: _____

(Signature of Inventor) _____

Date: _____

(Signature of Inventor) _____

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

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