

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>Ryuji KURIHARA</td><td>01/26/2005</td></tr><tr><td>Yuhko HISADA</td><td>01/26/2005</td></tr><tr><td>Toshihide TSUBATA</td><td>01/26/2005</td></tr><tr><td>Masanori TAKEUCHI</td><td>01/26/2005</td></tr><tr><td>Tomokazu OHTSUBO</td><td>01/26/2005</td></tr></tbody></table>	Name	Execution Date	Ryuji KURIHARA	01/26/2005	Yuhko HISADA	01/26/2005	Toshihide TSUBATA	01/26/2005	Masanori TAKEUCHI	01/26/2005	Tomokazu OHTSUBO	01/26/2005	
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<table border="1"><tr><td>Name:</td><td>Sharp Kabushiki Kaisha</td></tr><tr><td>Street Address:</td><td>22-22, Nagaike-cho</td></tr><tr><td>City:</td><td>Abeno-ku, Osaka-shi, Osaka</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>545-8522</td></tr></table>	Name:	Sharp Kabushiki Kaisha	Street Address:	22-22, Nagaike-cho	City:	Abeno-ku, Osaka-shi, Osaka	State/Country:	JAPAN	Postal Code:	545-8522			
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number: (703)637-1499 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	70404.267/YA												
NAME OF SUBMITTER:	Michelle Rhodes												

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PATENT  
REEL: 020756 FRAME: 0041

Total Attachments: 2

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Attorney Docket No.: 70404.40

ASSIGNMENT (WORLDWIDE)

WHEREAS, We, Ryuji KURIHARA, Yuhko HISADA, Toshihide TSUBATA, Masanori TAKEUCHI, and Tomokazu OHTSUBO (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled ACTIVE MATRIX SUBSTRATE AND DISPLAY DEVICE for which application for Letters Patent of the United States has been

\_\_\_\_\_ executed on even date herewith;  
x filed on January 25, 2005 as Serial No. 11/042,971.

WHEREAS, Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522, Japan (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefore;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to the said invention and all Letters Patent of the United States to be obtained therefore on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefore through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

24801003/00

SP88US

Dated: JAN. 26. 2005

Ryuji Kurihara  
Ryuji KURIHARA

Dated: JAN. 26. 2005

Yuhko Hisada  
Yuhko HISADA

Dated: JAN. 26. 2005

Toshihide Tsubata  
Toshihide TSUBATA

Dated: JAN. 26. 2005

Masanori Takeuchi  
Masanori TAKEUCHI

Dated: JAN. 26. 2005

Tomokazu Ohtsubo  
Tomokazu OHTSUBO