

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Yorihiko Sasaki</td><td>08/25/1998</td></tr> <tr><td>Mitsuru Kano</td><td>08/25/1998</td></tr> <tr><td>Kenji Omote</td><td>08/25/1998</td></tr> <tr><td>Yoshihiko Ishitaka</td><td>08/25/1998</td></tr> <tr><td>Mitsuo Ohizumi</td><td>08/25/1998</td></tr> <tr><td>Tomomasa Takatsuka</td><td>08/25/1998</td></tr> </tbody> </table>		Name	Execution Date	Yorihiko Sasaki	08/25/1998	Mitsuru Kano	08/25/1998	Kenji Omote	08/25/1998	Yoshihiko Ishitaka	08/25/1998	Mitsuo Ohizumi	08/25/1998	Tomomasa Takatsuka	08/25/1998
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CORRESPONDENCE DATA															
<p>Fax Number: (312)775-8100 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 312.775.8000 Email: mhmpto@mcandrews-ip.com Correspondent Name: Peter J. McAndrews Address Line 1: McAndrews, 500 W. Madison St., 34th Fl Address Line 4: Chicago, ILLINOIS 60661</p>															
ATTORNEY DOCKET NUMBER:	24133US02 AND 24133US03														

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PATENT
REEL: 026668 FRAME: 0590

NAME OF SUBMITTER:

Peter J. McAndrews

Total Attachments: 5

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ASSIGNMENT

WHEREAS, Yorihiro Sasaki, Mitsuru Kano, Kenji Omote, Yoshihiro Ishitaka, Mitsuo Ohizumi, and Tomomasa Takatsuka, hereinafter called the "Assignors," have made the invention described in the United States patent application entitled Reflective Type Liquid Crystal Display, for a full description of which reference is here made to an application for Letters Patent of the United States filed on June 9, 1998, and assigned Application Serial No. 09/094,064;

WHEREAS, ALPS ELECTRIC CO., LTD., a corporation organized and existing under the laws of Japan, having a place of business at 1-7 Yukigaya, Otsuka-cho, Ota-ku, in Tokyo, Japan, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in exchange for valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States, its territories and possessions, in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, continuations-in-part, divisions, renewals, extensions or reissues of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of

any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE August 25, 1998

Yorihiko Sasaki
Yorihiko Sasaki

WITNESSED

DATE August 25, 1998

Osami Saito

DATE August 25, 1998

Isuneo Kawase

DATE August 25, 1998

Mitsuru Kano
Mitsuru Kano

WITNESSED

DATE August 25, 1998

Osami Saito

DATE August 25, 1998

Isuneo Kawase

DATE August 25, 1998

Kenji Omote
Kenji Omote

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Osami Saito

DATE August 25, 1998

Isuneo Kawase

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Yoshihiko Ishitaka
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WITNESSED

DATE August 25, 1998

Osami Saito

DATE August 25, 1998

Isuneo Kawase

DATE August 25, 1998

Mitsuo Ohizumi
Mitsuo Ohizumi

WITNESSED

DATE August 25, 1998

Osami Saito

DATE August 25, 1998

Isuneo Kawase

DATE August 25, 1998

Tomomasa Takatsuka

Tomomasa Takatsuka

WITNESSED

DATE August 25, 1998

Osami Aito

DATE August 25, 1998

Tsunao Kawase

PATENT

PATENT

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ATTACHMENT A

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