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05-30-2006 Form PTO-1595 (Rev. 03-05)
OMB No. 0651-0027 (exp. 6/30/2005) J.S. DEPARTMENT OF COMMERCE d States Patent and Trademark Office 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) 90.81.5 Motohiro ITADANI (4/28/2006), Shuhei OKUDE ZEON CORPORATION (4/28/2006), Shunsuke YAMANAKA (5/9/2006), and Kohei ARAKAWA (4/28/2006) Internal Address: Additional name(s) of conveying party(ies) attached? Yes | x No Street Address: 3. Nature of conveyance/Execution Date(s): 6-2, Marunouchi 1-chome, Chiyoda-ku Tokyo Execution Date(s): in parentheses after inventor name 100-8246 **JAPAN** x Assignment Merger Change of Name Joint Research Agreement Security Agreement City: Government Interest Assignment State: Executive Order 9424, Confirmatory License Country: Additional name(s) & address(es) Yes attached: 4. Application or patent number(s): X This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) **NEW** Additional numbers attached? 5. Name and address to whom correspondence 6. Total number of applications and concerning document should be mailed: patents involved: Marc S. Weiner BIRCH, STEWART, KOLASCH & BIRCH, LLP 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Internal Address: Atty. Dkt.: 4918-0108PUS1 Authorized to be charged by credit card Street Address: 8110 Gatehouse Road Authorized to be charged to deposit account Suite 100 East P.O. Box 747 X Enclosed None required (government interest not affecting title) City: Falls Church 8. Payment Information Zip: 22040-0747 State: a. Credit Card Last 4 Numbers (703) 205-8000 **Expiration Date** Phone Number: (703) 205-8050 Fax Number: b. Deposit Account Number mailroom@bskb.com Authorized User Name Email Address: 9. Signature: May 18, 2006 Marc S-Weiner - 32,181 Total number of pages including cover sheet, attachments, and documents: Name of Person Signing 00000068 1057 40.00 OP

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ASSIGNMENT

| | Application No | NEW | | Filed | May 18, | 2006 | |
|---------------------------------------|---|---|---|---|--|------------------------|--|
| nsert Name(s) f Inventor(s) | ** | *(Given Nan | ne FAMILY NAME (ALL (| CAPS))*** | | | |
| | WHEREA | S, | Motohiro ITADANI | Shuhei OKUDE | | | |
| | Shunsuke YAMANA | KA | Kohei ARAKAWA | | | | |
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| | | | | | | | |
| | (hereinafter designate | ed as the unde | ersigned) has (have) invented ce | ertain new and useful impro | vements in | | |
| nsert Title f Invention | LIQUII | CRYSTAL | DISPLAY DEVICE | | | | |
| | for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application). | | | | | | |
| sert Date Signing of pplication | on <u>April 28, 2006; April 28, 2006; May 9, 2006 and April 28, 2006; resp</u> ecti | | | | | | |
| sert Name Assignee | WHEREA | s, <u>zeon c</u> | ORPORATION | | | | |
| sert Address Assignee | of 6-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8246 JAPAN | | | | | | |
| HECK BOX APPROPRIATE | its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any foreign countries. | | | | | | |
| | the receipt of which has (have) sold, as Assignee the full an dependencies and p which may be grant | is hereby ach signed and tra nd exclusive rossessions and ed therefor in the | ation of the sum of Ten Dollars knowledged, and other good at insferred, and by these presentight to the said invention in the differentiate right, title and intention the United States of America, it, in any and all foreign countries | nd valuable consideration, to the does sell, assign and tra- the United States of America trest in and to any and all I the territories, dependencies a | the undersignersister unto sa a, its territorie etters Patent(| ed id es, (s) | |
| | and to any and all o | | ues, continuations, conversions | s and extensions thereof for | the full term | or | |

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PATENT REEL: 017904 FRAME: 0230

4918-0108PUS1

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

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

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

| Date 4/28 | Name of Inventor | Motohiro Itadani (signature) Motohiro ITADANI |
|----------------------|------------------|---|
| Date $\frac{4/28}{}$ | | Shuhei Okude (signature) Shuhei OKUDE |
| Date | Name of Inventor | Shunsuke Yamanaka (signature) Shunsuke YAMANAKA |
| Date, | | Kohei Drakawo (signature) Kohei ARAKAWA |
| Date, | Name of Inventor | (signature) |
| Date, | Name of Inventor | (signature) |

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RECORDED: 05/18/2006

February 2002

PATENT REEL: 017904 FRAME: 0231