08-08-2005 Atty Docket No.: 276321US2 REC U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 Patent and Trademark Office 103056972 To the Director of the United States Patent and Trademan On inal documents or copy thereof. 2. Name and address of receiving party(ies): Name of conveying party(ies): Yoshio TAKAMI Advanced LCD Technologies Development Name: Center Co., Ltd Address: 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa-ken, Japan Additional name(s) of conveying party(ies) attached?

Yes
No 3. Nature of Conveyance: Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name □ Other Execution Date: July 20, 2005 Additional name(s) and address(es) attached? \(\subseteq\) Yes \(\begin{array}{c}\) No 4. Application number(s) or patent number(s): This document is being filed together with a new application B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached?

Yes No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Customer Number Enclosed ☐ Authorized to be charged to deposit account Tel. (703) 413-3000 8. Deposit account number: 15-0030 Fax. (703) 413-2220 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Marvin J. Spivak C. Irvin McClelland Name of Person Signing

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PATENT REEL: 016832 FRAME: 0294 In consideration of value received, I, having a residence and mailing address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

LASER CRYSTALLIZATION APPARATUS

sell and assign to Advanced LCD Technologies Development Center Co., Ltd. a Japanese corporation, having a business address at 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa-ken, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

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and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant the following law firm 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.

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PATENT REEL: 016832 FRAME: 0295

Inventor: (Signature) Joshw Jakami Yoshio Takami	JUL. 2 0. 2005	Residence and mailing address c/o Advanced LCD Technologies Development Center Co., Ltd., 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa-ken, Japan
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PATENT REEL: 016832 FRAME: 0296