Docket No.: 59128 (49381) COVER SHEET FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE (Rev. 03-01) Patent and Trademark Office OMB No. 0351-0027 (exp.5/31/2002) ILY P08A/REV03 Tab settings → → → 102454347 To the Honorable Commissioner or . . . ecord the attached original documents or copy thereof. 1. Name of conveying party(ies): _. . . . ne and address of receiving party(ies): 5-12-03 Nobuyuki UEDA; Yuji OKAMOTO; Kaoru ISHIKURA; Kenji TAKAHASHI; Name: Sharp Kabushiki Kaisha Takashi IMAI: Shuji FUJII Address: 22-22, Nagaikecho, Abeno-ku Additional names(s) of conveying party(ies) ☐ Yes ☒ No 3. Nature of conveyance: Merger City: Osaka Security Agreement Change of Name State/Prov.: ZIP: 545-8522 Other Country: Japan Execution Date: April 22, 2003 Additional name(s) & address(es) ☐ Yes ⊠ No Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: Filing date Patent Application No. B. Patent No.(s) 17:57 03 WABREAM! 00000003 10436851 40.00 OP 1 0: 21 Additional numbers ☐ Yes ☐ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: David G. Conlin 7. Total fee (37 CFR 3.41):....\$ 40.00 27,026 Registration No. Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: Edwards & Angell, LLP Authorized to be charged to deposit account P.O. Box 9169 8. Deposit account number: 04-1105 State/Prov.: MA City: Boston ZIP: 02209 (Attach duplicate copy of this page if paying by deposit account) Country: USA 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.

Steven M. Jensen (Reg. No. 42,693)

Name of Person Signing

Signature

Date

May 12, 2003

Total number of pages including cover sheet, attachments, and

Docket No.

ASSIGNMENT

I/We, UEDA, Nobuyuki, OKAMOTO, Yuji, ISHIKURA, Kaoru, TAKAHASHI, Kenji, IMAI, Takashi and FUJII, Shuhji (inventor), for good and valuable consideration from SHARP KABUSHIKI KAISHA (assignee). having its principal place of business at 22-22, Nagaikecho, Abeno-ku, Osaka 545-8522 Japan (address) hereinafter called the Assignee, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in, to and under an application for Letters Patent of the United States Serial No. ______ filed on ______ for improvements in the_IMAGE FORMING APPARATUS AND IMAGE FORMING METHOD (title) priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent.

And for the above consideration I/We agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto.

The undersigned agree(s) to furnish all pertinent facts and documents relating to said application, said invention and said patent(s) as may be known and accessible to the undersigned, and will testify as to the same in any interference or litigation related thereto, and will promptly execute and deliver to Assignee any and all papers, instruments or affidavits necessary or desirable to apply for, obtain, maintain or enforce said application or said patent(s) in connection with any interference which may be declared, and any litigation concerning this application or any continuation, division or reissue thereof or Patent(s) or reissue patent(s) issued thereon, and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference or litigation.

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 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 Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he or she has the full right to

PATENT REEL: 014080 FRAME: 0143 convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants Dike, Bronstein, Roberts & Cushman the Intellectual Property Group of Edwards & Angell, LLP of P.O. Box 9169, Boston, MA 02209, U.S.A. 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.

Date:_	April 22, 2003	Signature of Inventor: <u>Vido Nobuyuki</u> Name: <u>UEDA, Nobuyuki</u>
Date:_	April 22, 2003	Signature of Inventor: Augi Ukamott Name: OKAMOTO, Yuji
Date:_	April 22, 2003	Signature of Inventor: <u>Haoru Ushi ke</u> wra Name: <u>ISHIKURA, Kaoru</u>
Date:_	April 22, 2003	Signature of Inventor: Kenji Jakahashi Name: TAKAHASHI, Kenji
Date:_	April 22, 2003	Signature of Inventor: Lakashi dmai Name: IMAI, Takashi
Date:_	April 22, 2003	Signature of Inventor: Juyic Shuhiji Name: FUJII, Shuhji

RECORDED: 05/12/2003

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