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FORM PTO-1596 U.S. DEPARTMENT OF COM 1-31-92 Patent and Trademark ( Docket No.: 65933-028 102396127 To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto 1. Name of Conveying Party(ies): 2. Name and address of receiving party(ies): Yuji HAMADA and Kazuki NISHIMURA Name: SANYO ELECTRIC CO., LTD. Address: 5-5, Keihan-Hondori 2-chome, Additional name(s) of conveying party(ies) attached? Yes Moriguchi-shi, 3. Nature of Conveyance: Osaka, JAPAN Merger Security Agreement ☐ Change of Name Other Execution Date: February 28, 2003 Additional name(s) & address(es) attached? Yes 4. Application number(s) or patent number(s): If the document is being filed together with a new application, the execution date of the application is: February 28, 2003 A. Patent Application No(s). B. Patent No(s). (0378598 Additional numbers attached? Yes 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: MCDERMOTT, WILL & EMERY 7. Total fee (37 CFR 3.41) \$40.00 Internal Address: Enclosed Authorized to be charged to deposit account 600 13th Street, N.W. Street Address: 8. Deposit account number: 500417 Zip: 20005 City: Washington State: DC 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. Arthur J. Steiner, 26,106 March 5, 2003 Name and Registration No. of Person Signing Date Total number of pages comprising cover sheet: CMB No. 0851-0011 (exp. 4/94)

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> PATENT REEL: 013859 FRAME: 0144

Docket No.:  ASSIGNMENT
In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned, (1) Yuji Hamada (4) (2) Kazuki Nishimura (5) (3) (6)
who have made a certain new and useful invention, hereby sell, assign and transfer unto
Sanyo Electric Co., Ltd. of 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka Japan
its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled ORGANIC ELECTROLUMINESCENT DISPLAY AND METHOD OF MANUFACTURING THE SAME
(a) for which an application for United States Letters Patent was filed on , and identified by United States Serial No. ; or (b) for which an application for United States Letters Patent was executed on ,
and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations in part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives: the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE:
AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.
SIGNED on the dates indicated aside our signatures:  INVENTORS  Name: Yuji Hamada  Name: Yuji Hamada  Name: Yuji Hamada  Name: Mishimura  Teb 28. 2003
1) Name: Yuji Hamada  2) Kazuki Mishimura Teb 28. 2003

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**RECORDED: 03/05/2003**