04-14-2005

U.S. DEPARTMENT OF COMMERCE RECOI FORM PTO-1595 Patent and Trademark Office (Rev. 10/02) 102979870 Docket No.: 070765-0014 To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto: 2. Name and address of receiving party(ies): 1. Name of Conveying Party(ies): SANYO ELECTRIC CO., LTD. Name: Takeshi NAKASHIMA, Eiji MARUYAMA 5-5, Keihanhondori 2-chome, Address: Additional name(s) of conveying party(ies) attached? \(\sumsymbol{\subset}\) Yes \(\sumsymbol{\subset}\) No Moriguchi-shi, Osaka JAPAN 3. Nature of Conveyance: Merger ☐ Change of Name Security Agreement Other March 16, 2005, March 15, 2005 (respectively) Execution Date: 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: March 16, 2005, March 15, 2005 (respectively) B. Patent No(s). A. Patent Application No(s). Additional numbers attached? \(\subseteq \text{Yes} \subseteq \text{No} \) 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41) \$40.00 Name: MCDERMOTT WILL & EMERY LLP Enclosed Internal Address: Authorized to be charged to deposit account 8. Deposit account number: 600 13th Street, N.W. Street Address: 500417 Zip: 20005-3096 D.C. City: Washington State: 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. ENVE/ March 30, 2005 Arthur J. Steiner, 26,106 Date Name and Registration No. of Person Signing Total number of pages including cover sheet: OMB No. 0651-0027 (exp. 6/30/2005) 04/12/2005 ECOOPER 00000445 500417 11092840

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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) Takeshi NAKASHIMA (2) Eiji MARUYAMA (3)	(4) (5) (6)			
who have made a certain new and usefu	l invention, hereby sell, assign and transfer unto			
Sanyo Electric Co., Ltd. 5-5, Keihanhondori, 2-chome, Moriguchi-shi, Osaka, Japan				
its successors and assigns (hereinafter dinterest for the United States of Amerientitled	esignated "ASSIGNEE") the entire right, title and ica as defined in 35 U.S.C. 100 in the invention			
PHOTOVOLTAIC DEVICE				

- (a) for which an application for United States Letters Patent was filed on [case_filing_date], and identified by United States Serial No. [case serial number]; 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:

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	INVENTORS	DATE SIGNED
1)	Takeshi Nakashima	March 16, 2005
	Name: Takeshi NAKASHIMA	
2)	ciji maziyame	March 15, 2005
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RECORDED: 03/30/2005

PATENT REEL: 016448 FRAME: 0671