Form 7 O-1595 (Rev. 03/05)

RADE No. 0651-0027 (exp. 6/30/2005)

08-25-2006



U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

<u> </u>	96789		
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Macelii CHIMA	Name: SANYO Electric Co., Ltd.		
Masaki SHIMA Kunimoto NINOMIYA	Internal Address:		
Additional name(s) of conveying party(ies) attached? Yes 🗸 No			
3. Nature of conveyance/Execution Date(s):	Street Address:		
Execution Date(s) April 24, 2006 and April 25, 2006	5-5, Keihan-Hondori 2-chome		
Assignment Merger			
Security Agreement Change of Name	City: Moriguchi-shi		
Joint Research Agreement	State: Osaka		
Government Interest Assignment	7		
Executive Order 9424, Confirmatory License	Country: JAPAN Zip: 570-8677		
Other	Additional name(s) & address(es) attached? Yes V No		
4. Application or patent number(s):	document is being filed together with a new application.		
A. Patent Application No.(s)	B. Patent No.(s)		
11/307,956			
Ref.: Document ID No.: 103249082			
Additional numbers at			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1		
Name: NDQ&M Watchstone LLP			
	7. Total fee (37 CFR 1.21(h) & 3.41) \$		
Internal Address:	Authorized to be charged by credit card		
	Authorized to be charged to deposit account		
Street Address: 1300 Eye Street, N.W.,	Enclosed		
400 East Tower	None required (government interest not affecting title)		
City: Washington	8. Payment Information		
State: DC Zip: 20005	a. Credit Card Last 4 Numbers Expiration Date		
Phone Number: (202) 659-0100			
Fax Number: (202) 659-0105	b. Deposit Account Number		
	Authorized User Name		
Email Address:	Authorized Oser Name		
9. Signature: Mari Utoharborhe	August 17, 2006		

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> **PATENT REEL: 018216 FRAME: 0005**

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Masaki SHIMA	Name: SANYO Electric Co., Ltd.				
Kunimoto NINOMIYA	Internal Address:				
Additional name(s) of conveying party(ies) attached?					
3. Nature of conveyance/Execution Date(s):	Street Address:				
Execution Date(s)	5-5, Keihan-Hondori 2-chome				
Assignment Merger					
Security Agreement Change of Name	City: Moriguchi-shi				
Joint Research Agreement	State: Osaka				
Government Interest Assignment	Country: JAPAN Zip: 570-8677				
Executive Order 9424, Confirmatory License	Σίρ. 373-307				
Other	Additional name(s) & address(es) attached? Yes Vo				
	document is being filed together with a new application.				
A. Patent Application No.(s)	B. Patent No.(s)				
11/307,956					
Additional numbers at	ached? ☐ Yes ✓ No				
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1				
Name: NDQ&M Watchstone LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00				
Internal Address:	Authorized to be charged by credit card				
	Authorized to be charged to deposit account				
Street Address: 1300 Eye Street, N.W.,	Enclosed				
400 East Tower	None required (government interest not affecting title)				
City: Washington	8. Payment Information				
State: DC Zip: 20005	a. Credit Card Last 4 Numbers 1048				
Phone Number: (202) 659-0100	Expiration Date <u>04/09</u>				
Fax Number: (202) 659-0105	b. Deposit Account Number				
Email Address:	Authorized User Name				
9. Signature: Manin Motsenborker	May 22, 2006				
Signature					
Marvin A. Motsenbocker Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:				

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05/31/2006 MBERHE 00000050 11307956 05 FC:8021 40.00 OP



ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

Name and address of assignee:

SANYO ELECTRIC CO., LTD., of 2-5-5, Keihanhondori,					
Moriguchi-shi, Osaka 570-8677, JAPAN					
(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to					
Title of invention:					
STACKED PHOTOVOLTAIC DEVICE AND METHOD OF MANUFACTURING THE SAME					
as set forth in this United States Patent Application					
check one executed concurrently herewith executed on Serial No. 11/307,956 Filed 28-Feb-06					
in and to said United States Patent Application including any and all divisions or continuations there of and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent on may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;					

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument and conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him

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relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or a signs or to assist said ASSIGNEE, its successors, legal representatives or a signs in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of NDQ&M WATCHSTONE LLP the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the United States Patent and Trademark office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS						
Name:	Masaki SHIMA	Signature:	Date: April 25, 2006			
Name:	Kunimoto NINOMIYA	Signature: Kunimoto Vinomiya	Date: April 24, 2006			
Name:		Signature:	Date:			
Name:		Signature:	Date:			
NAMES AND SIGNATURES OF WITNESSES (Optional)						
Name:		Signature:	Date:			
Name:		Signature:	Date:			

Note: Prima facie evidence of execution optionally may be obtained by execution of this document before a United States Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a United States Consul.

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PATENT REEL: 018216 FRAME: 0008

RECORDED: 05/26/2006