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B/O FORM PTO-1585 U.S. Department of Commerce Patent and Trademark Office I FORM COVER SHEET NTS ONLY 103570207 To the Commissioner for Patents. Please record the attached original documents or copies thereof. Name of Conveying Party(ies): 2. Name and Address of Receiving Party(ies): Satoshi ABE Name: Panasonic Electric Works Co., Yoshikazu HIGASHI Ltd. Isao FUWA Masataka TAKENAMI Street Address: 1048, Oaza-Kadoma, Kadoma-shi Norio YOSHIDA 3. Nature of Conveyance: City, State, Zip: Osaka, Japan **⊠**Assignment Merger ☐ Security Agreement ☐ Change of Name ☐ Other: Execution Date: July 29, 2009; July 30, 2009; July 29, ☐ Additional name(s) and address(es) attached. 2009; July 29, 2009; July 29, 2009 4. (A) Patent Application Number(s): 4. (B) Patent Number(s): 124621176 July 29, 2009; July 30, 2009; July 29, If this document is being filed together with a 2009; July 29, 2009; new application, the execution date of the application is: July 29, 2009 ☐ Additional Numbers Attached. APPARATUS FOR PRODUCING A LAMINATED OBJECT Attorney Docket No.: ABES3001/EM 5. Name and Address of Party to whom Correspondence Concerning this Total Number of Applications and 1 Document Should be Mailed: Patents Involved: 7. Total Fee: Name: **Eugene Mar** \$40.00 (37 CFR 3.41) Bacon & Thomas, PLLC 625 Slaters Lane Fourth Floor Authorized to be charged to deposit account 23364 Alexandria, VA 22314 CUSTOMER NUMBER 8. Deposit Account Number: 02-0200 9. Statement and Signature: To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document. Eugene Mar August 4, 2009 Name of Person Signing Date Total number of pages including cover sheet, attachments and document.

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ASSIGNMENT

	WHEREAS, I (we), Satoshi ABE, Yoshikazu HIG	ASHI, Isao FUWA, Masataka TAKENAMI and Norio YOSHIDA
who	e post office address(es) appear(s) below, hereinafter r	eferred to as ASSIGNOR, is(are) the owner of certain new and useful
impr	ovements in APPARATUS FOR PRODUCING A LAMIN	IATED OBJECT
(here	inafter referred to as the INVENTION) for which an appli	cation for United States Letters Patent was
(x)	executed on even date herewith	
[]	executed on:	
[]	filed on:	Serial No.:
[]	established by PCT International Patent Application No.	filed:
	designating the United States of America	

WHEREAS, Panasonic Electric Works Co., Ltd.

whose post office address is 1048, Oaza-Kadoma, Kadoma-shi, Osaka, Japan hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the united States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and releasue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legality may be required in connection with the filling, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this Instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of Bacon & Thomas to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

PATENT REEL: 023080 FRAME: 0604

ASSIGNMENT

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JOINT ASSIGNMENT - WITNESS

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Signaturo	Signature

RECORDED: 08/04/2009

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