Atty. Docket No. 4727-4013



RECORDATION FOR

To The Honorable Commissioner of Patents and Trademarks:

_	Please record the attached or	iginal c	ocuments or copy thereof.
1.	Name of conveying party(ies): Kazunari Sekigawa Hiroaki Samizu Takahiro Inoue	2.	Name and address of receiving party(ies): Name: Shinko Electric Industries Co., Ltd. Address: 80, Oshimada-machi, Nagano-shi Nagano 381-2287 JAPAN
	Additional name(s) of conveying party(ies) attached? Yes No		Additional name(s) & addresses attached? Yes No
3.	Nature of conveyance: Assignment Other Execution Date(s): November 7, 2005	4.	Patent Application number(s) 4727-4013
<u></u>	Name and address of party to whom correspondence concerning document should be mailed:	6.	Total number of applications involved: 1
		7.	Total fee (37 CFR 3.41): \$40.00
	Name: Morgan & Finnegan, L.L.P. Address: 3 World Financial Center New York, NY 10281-2101 212-415-8700 Telephone 212-415-8701 Facsimile		 ☐ A check in the amount of is enclosed. ☐ Charge to Deposit Account No.13-4500, ☐ Order No. 4727-4013. ☐ Charge any deficiencies to Deposit Account 13-4500, ☐ Order No. 4727-4013. (A duplicate copy of this sheet is enclosed)
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8.	original document.	ormatic	n is true and correct and any attached copy is a true copy of
Name of Person Signing Signature			Date:
Stev	en F. Meyer		November 30, 2005
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and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, DC 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, DC 20503.

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PATENT REEL: 017317 FRAME: 0659

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert	SHINKO ELECTRIC INDUSTRIES CO., LTD.					
ASSIGNEE's Name(s) Address(es))	80, Oshimada-machi, Nagano-shi, Nagano 381-2287, Japan					
		eipt of which is hereby acknowledged, the and exclusive right, title and interest to the	e undersigned ASSIGNOR hereby sells, assigns a			
Title of invention)	DIRECT EXPOSURE A	APPARATUS AND DIRECT EXPO	OSURE METHOD			
	relating to International Patent Ap	plication PCT/JP /	and/or for which application for Letters Pared, was:			
Insert date f execution	(a) executed on					
f application, not oncurrent)	(b) filed on/	, data, when known.	reby authorized to insert in (b) the specified			
	renewal, substitute, reissue or reexa	amination application based thereon, for	d on said application and any continuation, divising the full term or terms for which the said Letters thereinafter, "said application(s) and Letters			
	ASSIGNEE, to do all acts which the enforcing protection for said inventions and Letters Patent(s), in any interfuroceeding which may arise or be of	e ASSIGNEE may deem necessary, desirtion, including in the preparation and proference, reissue, reexamination, or public lectared in relation to same, such acts to	and without charge to but at the expense of said able or expedient, for securing, maintaining and secution of said application(s) and the issuance cause proceeding, and in any litigation or other leginclude but not be limited to executing all papers oviding sworn testimony, and obtaining and			
	IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).					
(Signatures)	1) Kazunan Sekizan	// Kazunari Sekigawa (TYPE NAME)	November 7, 2005 (DATE)			
	2) Hiroaki Samiger (SIGNATURE)	Hiroaki Samizu (TYPE NAME)	November 7, 2005 (DATE)			
	3) Totahire Indue (SIGNATURE)	Takahiro Inoue (TYPE NAME)	November 7, 2005 (DATE)			
	4) (SIGNATURE)	(TYPE NAME)	(DATE)			
	5)(SIGNATURE)	(TYPE NAME)	(DATE)			
	6)(SIGNATURE)	(TYPE NAME)	(DATE)			

RECORDED: 11/30/2005

PATENT REEL: 017317 FRAME: 0660