Client Code: UNIU79.116AUS

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 Name of conveying party(ies): (List using letters or numbers for multiple parties) 	Name and address of receiving party(ies): Name: NITTO DENKO CORPORATION		
(1) Katsuhiko KAMIYA			
(2) Takeshi MATSUMURA	Address: 1-1-2, Shimohozumi, Ibaraki-shi		
(3) Shuuhei MURATA	Osaka 567-8680		
(4) Hironao OOTAKE	JAPAN		
Additional name(s) of conveying party(ies)	Additional name(s) of receiving party(les) attached?		
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() Yes (X) No	() Yes (X) No		
Nature of conveyance:			
(X) Assignment () Security Agreement			
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() Other:	US or PCT Application number(s) or US Patent		
Execution Date: (List as in section 1 if multiple	number(s):		
signatures)	(X) Patent Application No.: 12/533,272		
	Filing Date: July 31, 2009		
(1)-(4): August 14, 2009	Additional numbers attached?		
	() Yes (X) No		
Party to whom correspondence concerning	Total number of applications and patents		
document should be mailed:	involved: 1		
Customer No. 20,995			
Address: Knobbe, Martens, Olson & Bear, LLP			
2040 Main Street, 14 th Floor			
Irvine, CA 92614			
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Attorney's Docket No.: UNIU79.116AUS	···		
7. Total fee (37 CFR 1.21(h)): \$40	8. Deposit account number: 11-1410		
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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.			
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7805218/ck/091509

PATENT REEL: 023275 FRAME: 0771 WHEREAS, I/WE (1) Katsuhiko KAMIYA

PATENT

ASSIGNMENT

ส	Japan	citizen, residing at 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680 Japan
(2)_	Takes	hi MATSUMURA
		citizen, residing at 1-1-2. Shimohozumi, Ibaraki-shi, Osaka 567-8680 Japan
(3) _	Shuuh	ei MURATA
a	Japane	citizen, residing at 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680 Japan
(3) Hironao OOTAKE		
-		ese cītizen, residing at 1-1-2. Shimohozumi, Ibaraki-shi, Osaka 567-8680 Japan
hereir new	iafter refe	rred to as Assignor (collectively if more than one inventor is listed above), have invented certain
and u	seful impr	ovements in
		DIE-BONDING FILM
the sp	ecification	n of which:
(a)	()	was executed on even date herewith;
(b)	(X)	was filed on <u>July 31, 2009</u> as • Application No. <u>12/533,272</u>
		or e Express Mail No
		and was amended on(if applicable); or
(c) ()		was described and claimed in PCT International Application No tiled on
		and as amended under PCT Article 19 on
		(if any) and/or under PCT Article 34 on
		(if any).

PATENT REEL: 023275 FRAME: 0772 AND WHEREAS, NITTO DENKO CORPORATION, a Japan Corporation, with its principal place of business at 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680 Japan, (hereinafter referred to as Assignee) desires to acquire the entire right, title, and interest in and to the said improvements with respect to the United States of America, its territories and possessions.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby acknowledges that it has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in the United States of America, and its territories and possessions in, to and under said improvements, and any Patent Applications in the United States of America and all divisions, renewals and continuations thereof, and all Patents of the United States of America which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions; and Assignor hereby authorizes and requests the Commissioner of Patents of the United States of America to issue all Patents for said improvements to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors, legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in the United States of America.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

This <u>14th</u> day of <u>August</u> , 20 <u>09</u>	Kaltuliko Kamiya Signature of Katsuhiko KAMIYA
This <u>14+h</u> day of <u>August</u> , 20 <u>09</u>	Joke Mitaur Signature of Takeshi MATSUMURA
This <u>14th</u> day of <u>August</u> , 20 <u>0</u> 9	Shuuhei hurufa Signature of Shuuhei MURATA
This 14th day of August , 2009	Signature of Hironao OOTAKE

Witnessed by:

Yasushi KOYAMA

PATENT REEL: 023275 FRAME: 0773