FORM PTO-1595 (modified)	0.3 U.S. DEPARTMENT OF COMMERCE
(Rev 6-93)	R SHEET Patent and Trademark Office
To the Director of the United States Patent and Trademark Office	the attached original documents or copies thereof.
1 Name of conveying party(ies): Yusuke NIWA Junji ITO MAY 21 7003	2. Name and address of receiving party(ies): NISSAN MOTOR CO., LTD. 2, Takara-cho, Kanagawa-ku Yokohama-shi, Kanagawa-ken Japan
Additional conveying party(ies) NO	
3 Nature of conveyance: ASSIGNMENT Execution Date:	
April 2, 2003	Additional name(s) & address(es) attached? NO
 Application number(s) or patent number(s): If this is being filed together with a new application, the A. Patent Application Number(s): 10/367,954 	e execution date of the application is: B. Patent Number(s):
Albert	ers attached? NO
5 Name and address of party to whom correspondence concerning document should be mailed: Richard L. Schwaab FOLEY & LARDNER Washington Harbour 3000 K Street, N.W., Suite 500 Washington, D.C. 20007-5143	6. Total number of applications/patents involved: 1 7. Total fee (37 C.F.R. § 3.41): \$40.00 X Check Enclosed Charge to deposit account 8. Deposit account number: 19-0741 THIS SPACE
is a true copy of the original document. The Commissioner fees which may be required in this matter to the above-iden	
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	Signature Date including cover sheet, attachments, and document: 3
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002.1017073.1

PATENT REEL: 014088 FRAME: 0822

Attorney Docket No.: 040302/0315

U.S. Rights--Sale or Joint

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 NISSAN MOTOR CO., LTD.

address of 2, Takara-cho, Kanagawa-ku, Yokohama-shi

assignee Kanagawa-Ken, Japan

title of

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

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invention					
FILM					
as set forth i	n this United States Patent Applie	cation			
check one	☐ executed concurrently here	with			
	□ executed on				
	☑ Serial No 10/367,954	filed	 February	19.	2003

in and to said United States Patent Application including any and all divisions or continuations thereof 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 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 in 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 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 assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

002.969517.1

PATENT REEL: 014088 FRAME: 0823

Attorney Docket No.: 040302/0315

Each of the undersigned hereby grants the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS				
Name: Yusuke NIWA	Signature: Jusuke hiwa	Date: 4/2/2013		
Name: Junji ITO	Signature: Jusuke hiura Signature: Junji Ito	Date: 4/2/2013 Date: 4/2/2013		
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Name:	Signature:	Date:		
Name:	Signature:	Date:		
Name:	Signature:	Date:		
Name:	Signature:	Date:		
NAMES AND SIGNATURES OF WITNESSES				
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