Docket No.: KAM 20.026

Form <b>PTO-1595</b> (Rev. 03/01)	U.S. DEPARTMENT OF COMM U.S. Patent and Trademark	
OMB No. 0651-0027 (exp. 5/31/2002) 10234	10/10	
Tab settings ➡ ➡ ♥ V		
	rks: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): 1-14-0-3  Kouichi MORITA; Ikunori SAKATANI	Name and address of receiving party(ies)     Name: NSK LTD.	
Shigeru ENDO ; Hiroya MIYAZAKI Junshi SAKAMOTO ; Yuji NAKAMURA	6-3, OHSAKI 1-CHOME	
Additional name(s) of conveying party(ies) attached? Q	SHINAGAWA-KU, TOKYO JAPAN	
3. Nature of conveyance:		
Assignment	Street Address:	
Security Agreement Grange of Nam	e (	
OtherNOVEMBER 6, 2002	City:State:Zip:	
Execution Date:		
4. Application number(s) or patent number(s):		
A. Patent Application No.(s)  10/274,413	B. Patent No.(s)	
Additional number	rs attached? Lagres 2 No	
	rs attached? Yes No	
Name and address of party to whom corresponden concerning document should be mailed:	ce 6. Total number of applications and patents involve	
Name and address of party to whom corresponden concerning document should be mailed:	7. Total fee (37 CFR 3.41)\$	
Name and address of party to whom corresponden concerning document should be mailed:	7. Total fee (37 CFR 3.41)\$	
Name and address of party to whom corresponden concerning document should be mailed:	7. Total fee (37 CFR 3.41)\$  Enclosed  Authorized to be charged to deposit accounts	
5. Name and address of party to whom corresponden concerning document should be mailed:  Name:  Katten Muchin Zavis Rosenman  Internal Address:  575 Madison Avennue  Street Address:	7. Total fee (37 CFR 3.41)\$  Enclosed  Authorized to be charged to deposit account number:  50-1290	
5. Name and address of party to whom corresponden concerning document should be mailed:  Name:  Katten Muchin Zavis Rosenman  Internal Address:  575 Madison Avennue  Street Address:  15th Floor IP Department  New York  City:  State:  Zip:	7. Total fee (37 CFR 3.41)\$  Enclosed  Authorized to be charged to deposit account  8. Deposit account number:	
5. Name and address of party to whom corresponden concerning document should be mailed:  Name:  Katten Muchin Zavis Rosenman  Internal Address:  575 Madison Avennue  Street Address:  15th Floor IP Department  New York  City:  State:  Zip:	7. Total fee (37 CFR 3.41)\$  Enclosed  Authorized to be charged to deposit account number:  50-1290  (Attach duplicate copy of this page if paying by deposit account numbers)	
5. Name and address of party to whom corresponden concerning document should be mailed:  Name:	7. Total fee (37 CFR 3.41)\$  Enclosed  Authorized to be charged to deposit account number:  50-1290  (Attach duplicate copy of this page if paying by deposit account numbers)	

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

## ASSIGNMENT

Docket No. KAM20\_026
(100799-00071)

WHEREAS, the below named inventor, ASSIGNOR, has made a certain new and useful invention in:
Rotation-Speed Sensor Device

for which
(check one) [] an application is being filed concurrently herewith,

[X] an application for a Patent of the United States was filed on 10/18/2002
and given Application Serial No. 10/274, 413

and WHEREAS, NSK LTD.
having a place of business at 6-3, Ohsaki 1-chome,
Shinagawa-ku, Tokyo Japan ASSIGNEE
is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument; and

ASSIGNOR covenants and agrees that he has full right to convey the entire interest herein assigned, and has not executed, and will not execute, any agreement in conflict herewith; and

ASSIGNOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Full name of sole or first inventor Kouichi MORITA			
Inventor's Signature Kouchi Morita	Date	11.6.2002	
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Full name of second joint inventor, if any Ikunori SAKATA Second Inventor's Signature Lauran Capatani	Date		
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PATENT REEL: 013657 FRAME: 0314

	Docket No.
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Full name of sixth joint inventor, if any Yuji NAKAI	Date Non 6. 2002
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Vanagara kan TADAN	

**RECORDED: 01/14/2003** 

PATENT REEL: 013657 FRAME: 0315