FORM PTO-1595 (Rev. 10/02)

Docket No.: 50070-088

FORM PTO-1595

04-25-2005



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

_102893896	
arks: Please record the at	tached original documents or copy thereto

To the Honorable Commissioner for Patents and Trademarks: Ple	ease record the attached original documents or copy thereto:				
1. Name of Conveying Party(ies):	2. Name and address of receiving party(ies):				
Hiroyuki MORITA, Shinichi KAWADA, Eiichi MUROHASHI	Name: NIPPON SEIKI CO., LTD.				
	Address: 2-34, Higashi Zaoh 2-chome,				
Additional name(s) of conveying party(ies) attached? Yes No	Nagaoka,				
3. Nature of Conveyance:	Niigata 940-8580 JAPAN				
	Name: HONDA GIKEN KOGYO CO., LTD.				
☐ Security Agreement ☐ Change of Name	Address: 1-1, Minamiaoyama 2-chome,				
Other Resubmission of Assignment recorded at Reel	Minato-ku, Tokyo 107-8556 JAPAN				
015072, Frame 0921 to correct the spelling of both					
Assignees and the second Assignee's address.					
Execution Date: August 28, August 8, August 7, 2003					
	Additional name(s) & address(es) attached? Yes No				
4. Application number(s) or patent number(s):					
If the document is being filed together with a new application, the execution date of the application is:					
A. Patent Application No(s).	B. Patent No(s).				
10/474,361 filed on October 9, 2003.					
Additional numbers attack					
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:				
concerning document should be mailed:	0 0 0				
Name: MCDERMOTT, WILL & EMERY	7. Total fee (37 CFR 3.41) \$40.00				
Internal Address:	Enclosed				
	Authorized to be charged to deposit account				
Street Address: 600 13th Street, N.W.	8. Deposit account number:				
	500417				
City: Washington State: D. C. Zip: 20005-3096					
DO NOT USE THIS SPACE					
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.					
Scott D. Paul, 42,984 . 2mard P. Coold Reg. No. 46, 429 April 21, 2005					
Name and Registration No. of Person Signing	Signature				
To	otal number of pages including cover sheet: 5				
OMB No. 0651-0027 (exp. 6/30/2005)					

10/474361

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FORM PTO-1595 REC (Rev. 10/02) 2	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
Destrot No. 50070 000 // -91)3	IN WINE SINE WILL CARE AND A		
To the Honorable Commissioner for Patents an 1026	96605 the attached original documents or copy thereto:		
1. Name of Conveying Party(ies):	2. Name and address of receiving party(ies):		
Hiroyuki MORITA, Shinichi KAWADA, Eiichi MUROHASHI	Name: NIPPON SEIKI CO., LTD.		
	Address: 2-34, Higashi Zaoh 2-chome,		
Additional name(s) of conveying party(ies) attached? Yes No	Nagaoka,		
3. Nature of Conveyance:	Niigata 940-8580 JAPAN		
	Name: HONDA GIKEN KOGYO CO., LTD		
☐ Security Agreement ☐ Change of Name	Address: 1-1, Minamiaoyama 2-chome,		
Other	Mønato-ku, Tokyo 107-8556 JAPAN		
Execution Date: August 28, August 8, August 7, 2003			
	Additional name(s) & address(es) attached? Yes No		
4. Application number(s) or patent number(s):			
If the document is being filed together with a new application, the e	execution date of the application is: August 28, August 8,		
	August 7, 2003		
A. Patent Application No(s). 1047436 (B. Patent No(s).		
•			
Additional numbers attac	hed? Yes No		
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:		
concerning document should be mailed:			
Name: MCDERMOTT, WILL & EMERY	7. Total fee (37 CFR 3.41) \$40.00		
Internal Address:	☐ Enclosed		
	Authorized to be charged to deposit account		
Street Address: 600 13th Street, N.W.	8. Deposit account number:		
	500417		
City: Washington State: D. C. Zip: 20005-3096			
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9. Statement and signature.			
	ation is true and correct and any attached copy is a true copy		
of the original document.	7 0		
	Elell automa 2002		
Stephen A. Becker, 26,527	October 9, 2003		
Name and Registration No. of Person Signing	Signature Date		
	otal number of pages including cover sheet: 2		
OMB No. 0651-0027 (exp. 6/30/2005)			
/			
10/21/2003 SNAJARRO 00000004 500417 10474361			
04 FC:8021 40.00 DA			

PATENT REEL: 015979 FRAME: 0320



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEPTEMBER 03, 2004

PTAS

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MCDERMOTT, WILL & EMERY STEPHEN A. BECKER 600 13TH STREET, N.W. WASHINGTON, D.C. 20005-3096

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RECORDATION DATE: 10/09/2003

REEL/FRAME: 015072/0921

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MORITA, HIROYUKI

DOC DATE: 08/28/2003

ASSIGNOR:

KAWADA, SHINICHI

DOC DATE: 08/08/2003

ASSIGNOR:

MUROHASHI, EIICHI

DOC DATE: 08/07/2003

ASSIGNEE:

NIPPON SEIKI CO., LTD.
2-34, HIGASHI ZAOH 2-CHOME,
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NIIGATA 940-8580, JAPAN

RECEIVED

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McDERMOTT, WILL & EMERY

P.O. Box 1450, Alexandria, Virginia 22313-1450 - www.uspto.gov

PATENT

REEL: 015979 FRAME: 0321

015072/0921 PAGE 2

ASSIGNEE:

HONDA GIKEN KOGYO CO., LTD. 1-1. MINAMIAOYAMA 2-CHOME

MONATO-KO, TOKYO 107-8556, JAPAN SERIAL NUMBER: 10474361

PATENT NUMBER:

TITLE: NAVIGATION APPARATUS

FILING DATE: 10/09/2003

ISSUE DATE:

MARY BENTON, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

> **PATENT REEL: 015979 FRAME: 0322**

ASSIGNMENT In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of valuable consideration in hand paid, the receipt and sufficiency of valuable consideration in hand paid, the receipt and sufficiency of valuable consideration in hand paid, the receipt and sufficiency of valuable consideration in hand paid, the receipt and sufficiency of valuable consideration in hand paid, the receipt and sufficiency of valuable consideration in hand paid, the receipt and sufficiency of valuable consideration in hand paid, the receipt and sufficiency of valuable consideration in hand paid, the receipt and sufficiency of valuable consideration in hand paid, the receipt and sufficiency of valuable consideration in hand paid, the receipt and sufficiency of valuable consideration in hand paid, the receipt and sufficiency of valuable consideration in hand paid, the receipt and sufficiency of valuable consideration in hand paid, the receipt and sufficiency of valuable consideration in hand paid, the receipt and sufficiency of valuable consideration in hand paid, the receipt and sufficiency of valuable consideration in hand paid, the receipt and sufficiency of valuable consideration in hand paid, the receipt and sufficiency of valuable consideration in the valuable consideration consideration in hand consideration hand valuable consideration in hand sufficiency of valuable consideration in hand the investor of the understance of the United States and the valuable consideration in the understance of the understance of the valuable consideration in part thereof, and the right to all benefits under the International Convention of Industrial Property to the said ASSIGNEE, for its interest and surplication shall hereafter act on behalf of ASSIGNEE. AND the understance hereby agree to transfer a like interest, and to runder all necessary assigns and representatives and with the nation that the valuable consideration in and to receive papers by the said ASSIGNEE, its successor	, Docket No		
(a) (i) Hirovski MORITA (d) (g) Shrinchi KAWADA (h) (h) (h) (h) (h) (h) (h) (h		SSIGNMENT	
(a) (2) Shinichi KAWADA (5) (5) (6) (6) (7) Shinichi KAWADA (5) (6) (6) (7) Shinichi KAWADA (6) (6) (7) Shinichi KAWADA (6) (6) (7) Shinichi KAWADA (6) (7) Shinichi KAWADA (6) (7) Shinichi KAWADA (8) (8) Shinichi KAWADA (8) (8) Shinichi KAWADA (8		aluable consideration in	hand paid, the receipt and sufficiency of which
(2) Shinichi MUROHASHI (6) (3) Eilichi MUROHASHI (6) (6) (8) Eilichi MUROHASHI (6) (8) (8) (8) (8) (8) (8) (8) (8) (8) (8	is hereby acknowledged, the undersigned,	i	* ₹.
(2) Shinichi MUROHASHI (6) (3) Eilichi MUROHASHI (6) (6) (8) Eilichi MUROHASHI (6) (8) (8) (8) (8) (8) (8) (8) (8) (8) (8	(1) Hirovuki MORITA	(4)	
(a) Elichi MUROHASHI (b) who have made a certain new and useful invention, hereby sell, assign and transfer unto Nippon Seiki Co., Ltd. 2-24. Higgshi Zaoh 2-chome, Nagaoka, Niigata 940-8580 Japan Honda Giken Kogyo Co., Ltd. 1-1. Minamiaoyama 2-chome, Minato-ku, Tokyo 107-8556 Japan its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United State America as defined in 35 U.S.C. 100 in the invention entitled (a) for which an application for United States Letters Patent was filed on ion ion (b) for which an application for United States Letters Patent was executed on ion ion (c) for which an application for United States Letters Patent was executed on ion and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitenewskls, continuations, or continuations in part thereof, and the right to all benefits under the International Convention for Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of ASSIGNEE. AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in ma application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request o said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to miprovements, and applications for patent based thereon, growing out of or related to the said invention; and to execute papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE is protection and title in and to the invention hereby transferred. SIGNED on the dates indicated aside our signatures: INVENTORS Name:		(5)	
Nippon Seiki Co., Ltd. 2-34, Higashi Zaoh 2-chome, Nagaoka, Niigata 940-8580 Japan Honda Giken Kogyo Co., Ltd. 1-1, Minamiaoyama 2-chome, Minato ku, Tokyo 107-8556 Japan its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United Stat America as defined in 35 U.S.C. 100 in the invention entitled (a) for which an application for United States Letters Patent was filed on identified by United States Serial No. (b) for which an application for United States Letters Patent was executed on and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any all United States Letters Patent was executed on and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitution of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and representatives: the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of ASSIGNEE. AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in ma application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request osaid ASSIGNEE, its successors, assigns and legal representatives, and without further numeration, in and to improvements, and applications for patent based thereon, growing out of or related to the said invention: and to execute papers by the said ASSIGNEE, its successors, assigns and legal representatives, and without further numeration, in and to improvements, and applications for patent based thereon, growing out of or related to the said invention: and to execute papers by the said ASSIGNEE, its successors, assigns and legal representatives, and without further numeration. In and to the invention hereby transfe	(3) Eiichi MUROHASHI	(6)	
2-34 Higsabi Zaoh 2-chome, Nagaoka, Niigata 940-8580 Japan Honda Giken Kogyo Co., Ltd. 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo 107-8556 Japan its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United Stat America as defined in 35 U.S.C. 100 in the invention entitled (a) for which an application for United States Letters Patent was filed on identified by United States Serial No	who have made a certain new and useful invention, hereby	sell, assign and transfe	er unto
Handa Giken Kogyo Co., Ltd. 1-1 Minamiaoyama 2-chome, Minato-ku, Tokyo 107-8556 Japan its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United State America as defined in 35 U.S.C. 100 in the invention entitled (a) for which an application for United States Letters Patent was filed on identified by United States Serial No	Nippon Seiki Co., Ltd.		
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(a) for which an application for United States Letters Patent was filed on identified by United States Serial No.			ht, title and interest for the United States of
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all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substite renewals, continuations, or continuations in part thereof, and the right to all benefits under the International Convention for Protection of Industrial Property to the said ASSIGNEE, its successors, assigns and representatives: the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of ASSIGNEE: AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in ma application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request o said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE is protection and title in and to the invention hereby transferred. SIGNED on the dates indicated aside our signatures: INVENTORS Name: Hiroyuki MORITA Name: Hiroyuki MORITA Name: Shinichi KAWADA Name: Shinichi KAWADA Name: Elichi MUROHASHI Name: Name: 6) Name: 60	identified by United States Serial No		_; or (b) for which an application for United
application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request o said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE 's protection and title in and to the invention hereby transferred. SIGNED on the dates indicated aside our signatures: INVENTORS DATE SIGNED 1	Protection of Industrial Property to the said ASSIGNEI representatives; the undersigned agree that the attorney ASSIGNEE;	E, for its interest as a so of record in said app	ASSIGNEE, its successors, assigns and legal plication shall hereafter act on behalf of said
INVENTORS 1) Ihroyak Inorata Name: Hiroyaki MORITA 2) Shinichi KAWADA Name: Shinichi KAWADA 3) Elichi Murchashi Name: Eiichi MUROHASHI 4) Name: 5) Name: 6)	application for and obtaining original, divisional, reissued said ASSIGNEE, its successors, assigns and legal reimprovements, and applications for patent based thereon, papers by the said ASSIGNEE, its successors, assigns	or extended Letters Pa epresentatives, and w , growing out of or rela and legal representat	atent of the United States, upon request of the ithout further remuneration, in and to any ated to the said invention; and to execute any
1) Name: Hiroyuki MORITA Name: Shi'nichi Kawada Name: Shinichi KAWADA 3) Elichi Muydashi Name: Eiichi MUROHASHI 4) Name: 5) Name: 6)	SIGNED on the dates indicated aside our signatures:		
Name: Hiroyuki MORITA 2) Shinichi Kawada Name: Shinichi KAWADA 3) Elichi Muranashi Name: Eiichi MUROHASHI 4) Name: 5) Name: 6)	INVENTORS	DATE SIG	NED
Name: Hiroyuki MORITA 2) Shinichi Kawada Name: Shinichi KAWADA 3) Elichi Muranashi Name: Eiichi MUROHASHI 4) Name: 5) Name: 6)	1) Hronk monta	28 A	ugust.2003
Name: Shinichi KAWADA 3) Elichi Muyonashi Name: Eiichi MUROHASHI 4) Name: 5) Name: 6)		DA.	2003
Name : 5) Name : 6)	3) <u>Elichi Muyahashi</u>	2 Aug	just, 2003
5)	•		·
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PATENT REEL: 015979 FRAME: 0323