

| | Form PTO-1595 (Rev. 03/ 01) RECO. 102462 (ORD NO. 0651-0027 (exp. 5/31/2002) PATENTS | U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office | | | | | |
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| | To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof | | | | | | |
| | Name of conveying party(ies): | Name and address of receiving party(ies) | | | | | |
| | Sakae Okuma (05/21/2003), Shinya Inabe | | | | | | |
| | (05/20/2003), and Tetsuya Inotsuka (05/20/2003) | Name: Niles Parts Co., Ltd. Internal Address: Street Address: 5-28-6, Omorinishi Ota-ku | | | | | |
| | 5-27-03 | | | | | | |
| | Additional name(s) of conveying party(ies) Yes X No | | | | | | |
| | 3. Nature of Conveyance: | | | | | | |
| | x Assignment Merger | | | | | | |
| | Security Agreement Change of Name | City: Tokyo | | | | | |
| | Other | Country: <u>JP</u> Zip: <u>143-8521</u> | | | | | |
| | Execution Date: see Box 1, conveying parties | Additional name(s) & Yes X No address(es) attached: | | | | | |
| | 4. Application number(s) or patent number(s): 10445613 | | | | | | |
| | If this document is being filed together with a new application, the ex A. Patent Application No.(s): | ecution date of the new application is: 1) 5/21/03; 2&3 5/20/03 | | | | | |
| | N/A | B. Patent No.(s): | | | | | |
| | Additional numbers attached? Yes x No | | | | | | |
| | 5. Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: | | | | | |
| | Name: Ronald P. Kananen RADER, FISHMAN & GRAUER PLLC | 7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed | | | | | |
| | Street Address: | | | | | | |
| | 1233 20th Street, N.W. | x Authorized to be charged to deposit account | | | | | |
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| | 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. | | | | | | |
| | Ronald P. Kananen, Reg. 24, 104 Name of Person Signing | May 27, 2003 Signature Date | | | | | |
| | Total number of pages including coverspent, attach | | | | | | |
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| 06/02/2003 FMMET | LER 00000088 180013 10445013 | | | | | | |
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PATENT REEL: 014115 FRAME: 0933

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which re hereby acknowledged, each undersigned inventor has sold and assigned, and by hese presents hereby sells and assigns, unto

> Niles Parts Co., Ltd. 5-28-6 Omorinishi, Ota-ku Tokyo 143-8521, JAPAN

hereinafter ASSIGNEE) all right, title and interest for the United States, its erritories and possessions in and to his invention relating to

ROTATION DETECTING APPARATUS AND METHOD OF FABRICATING THE SAME

| as | set | forth | in | his | United | States | Patent | Application |
|----|-----|-------|----|-----|--------|--------|--------|-------------|
| | | - | | | | | | |

[x] executed concurrently herewith

[] executed on

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n and to said United States Patent Application including any and all divisions r continuations thereof and in and to any and all Letters Patent of the United

tates which may issue on any such application or for said invention, including and all reissues or extensions thereof, to be held and enjoyed by said SSIGNEE, its successors, legal representatives and assigns to the full end of he term or terms for which any and all such Letters Patent may be granted as ully and entirely as would have been held and enjoyed by the undersigned had his Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of atents and Trademarks to issue any and all such Letters Patent to said SSIGNEE, it successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and nencumbered right to sell and assign the interests herein sold and assigned and hat he has not executed and will not execute any document or instrument in onflict herewith;

Each of the undersigned further covenants and agrees that at any time upon equest of said ASSIGNEE, its successors, legal representatives or assigns he ill communicate to said ASSIGNEE, its successors, legal representatives or ssigns all information known to him relating to said invention or patent pplication and that he will execute and deliver any papers, make all rightful aths, testify in any legal proceedings and perform all other lawful acts deemed ecessary or desirable by said ASSIGNEE, its successors, legal representatives

assigns to perfect title to said invention, to said application including ivisions and continuations thereof and to any and all Letters Patent which may e granted therefor or thereon, including reissues or extensions, in said SSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, egal representatives or assigns in obtaining, reissuing or enforcing Letters atent of the United States for said invention.

RECORDED: 05/27/2003

Sakae Okuma

Sakae Okuma

Shinya Inale

Date May 20. 2003

Shinya INABE

Date May 20. 2003

Date May 20. 2003

PATENT REEL: 014115 FRAME: 0934