TRADEMARK OFFICE

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| Form: PTO-1595 1-3" - 2 | |
| 102439909 | 9 |
| To the Honorable Commissioner of Palents and Trademarks: Please record the attached original of | documents or copy increof. |
| Nan e of conveying party(ies) Jun TABOTA 5.5. 3 Adc tional name(s) of conveying party(ies) attached? □ yes 図no | 2. Name and address of receiving party(ies): (2a.) Name: Murata Manufacturing Co., Ltd. Address: 26-10 Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu 617-8556 Japan |
| 3 Name of Conveyance: | (2b.) Name_Address: |
| Security Agreement Change of Name Other Ext cution Date: March 19, 2003 | Additional name(s) & address(es) attached? 口yes 图no |
| 4. Application number(s) or patent number(s): 10/376,777 | |
| If this document is being filed together with a new application, the execution date of the application is: | |
| A. Patent Application No.(s) 10/376,777 | B. Patent No.(s) |
| Additional numbers att | |
| y ladinorial names o all | asilod 2 yes - allo |
| 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Joseph R. Keating, Esq. Internal Address: KEATING & BENNETT LLP Street Address: 10400 Eaton Place, Suite 312 City: Fairfax State: VA ZIP 22030 | 6. Total number of applications and patents involved: one 7. Total fee (37 CFR 3.41):\$ 40.00 Enclosed Authorized to be charged to credit card with Credit Card Payment Form (PTO-2038) Authorized to be charged to deposit account |
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| Statement and signature. | |
| to the best of my knowledge and belief, the foregoing information is true at oseph R. Keating, Reg. No. 37,368 lame of Person Signing Signat | April 30, 2003 Date |
| Total number of pages comprising cover sheet, attachments and document: 2 | |
| Fi::0021 40.00 6F | |
| I lail documents to be recorded with required cover sheet information to: Assistant Commissioner for Patents Box Assignment Washington, D.C. 20231 | |

PATENT REEL: 014017 FRAME: 0457

Attorney Docket No.: 36856.1032

ASSIGNMENT (WORLDWIDE)

| WHEREAS, I, Jun TABOTA (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled ACCELERATION SENSOR for which application for Letters Patent of the United States has been | |
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| application for Letters Patent of the Officed States has been | |
| executed on even date herewith; string filed onFebruary 28, 2003 as Serial No10/376,777 . | |
| WHEREAS, Murata Manufacturing Co., Ltd., 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu 617-8555 JAPAN (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor; | |
| NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to the said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefor through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property. | |
| ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale; | |
| ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof. | |
| Dated: 3/19/2003 Jun TABOTA Jun Takenta | |

RECORDED: 05/05/2003

PATENT REEL: 014017 FRAME: 0458