P.O. Box 1450

Commissioner of Patents

Mail Stop Assignment Recordation Services

RECORDA

11-08-2004



102877416

U.S. Department of Commerce Patent and Trademark Office

Our Ref.: 2018-955

11-10.04

| Alexandria, VA 22313-1450 | <u> </u> | | | |
|--|--|--|--|--|
| To the Honorable Commissioner of Patents and Trademarks: Plea | se record the attached original documents or copy thereof. $\Box \Box$ | | | |
| 1. Name of conveying party(ies): | 2. Name and address of receiving party(ies): | | | |
| Shinichi Ezaka Tatsuya Ito | ⊃ ∞ | | | |
| · | Name: DENSO CORPORATION | | | |
| Satoshi Sugiyama Nobuhisa Tako | 2. Name and address of receiving party(ies): Name: DENSO CORPORATION Internal Address: Street Address: 1-1, Showa-cho | | | |
| Tomohiro Matsuura | Internal Address: | | | |
| Takafumi Watanabe | Street Address: 1-1, Showa-cho | | | |
| Additional name/s of conveying party/ies attached? | | | | |
| Additional name/s of conveying party/les attached? | | | | |
| | | | | |
| 3. Nature of conveyance: | City: Kariya-city, Aichi-pref | | | |
| | State/Country: Japan | | | |
| Security Assignment Change of Name | Zip: <u>448-8661</u> | | | |
| Other | • | | | |
| | | | | |
| Execution Date: Sept. 14, 2004; Sept. 13, 2004; Oct. 5, | Additional name/s & address/ss attached? [] Vos Mo | | | |
| 1 | Additional name/s & address/es attached? Yes No | | | |
| | | | | |
| | | | | |
| 4. Application number(s) or patent number(s): | | | | |
| If this document is being filed together with a new application, the execution | n date of the application is: Sept. 14, 2004; Sept. 13, 2004; | | | |
| | Oct. 5, 2004; Oct. 4, 2004 | | | |
| | | | | |
| A Potent Application No(a) | D. Datant No(a) | | | |
| A. Patent Application No(s). | B. Patent No(s). | | | |
| (1) unknown | (1) | | | |
| (2) | (2) | | | |
| (3) | (3) | | | |
| Additional numbers att | cached Yes No | | | |
| 5. Name and address of party to whom correspondence | 6. Total number of applications & patents involved: 1 | | | |
| concerning document should be mailed: | | | | |
| concerning document should be maned. | 7. Total fee (37 CFR 3.41) \$ 40.00 | | | |
| Name C Nime | | | | |
| Name: Larry S. Nixon | | | | |
| | Authorized to be charged to deposit account #14-1140 | | | |
| Internal Address: | | | | |
| | 8. The Commissioner is hereby authorized to charge any | | | |
| Street Address: Nixon & Vanderhye P.C. | <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which | | | |
| 1100 North Glebe Road | should have been filed herewith (or with any paper thereafter | | | |
| 8 th Floor | | | | |
| | filed in this application by this firm) to our Account No. | | | |
| City: Arlington State: VA Zip: 22201 | 14-1140. | | | |
| | | | | |
| DO NOT USE | THIS SPACE | | | |
| | | | | |
| 9. Statements and signature. | | | | |
| | ion is two and somest and any attached some is a two some | | | |
| To the best of my knowledge and belief, the foregoing informat | non is true and correct and any adactied copy is a true copy | | | |
| of the original document. | ` 10 1 | | | |
| Tana/ | Y) | | | |
| Larry S. Nixon | November 1, 2004 | | | |
| Name of Person Signing Signa | ture Date | | | |
| Reg. No. 25,640 | | | | |
| | nal cover sheet, attachments, and document: [3] | | | |
| Town named of pages metading of ignations shoet, attachments, and document. | | | | |

895409

PATENT REEL: 015949 FRAME: 0440

| Case No. | ; |
|----------|-----------|
| 71556-L | JS-MAK/mk |

| | ASSIGNMENT OF U.S. PA | ATENT APPLICATION | | | |
|-------------|---|-------------------------------|-----------------|--|--|
| (Inventors) | Shinichi Ezaka | | | | |
| | Satoshi Sugiyama | | | | |
| | Tomohiro Matsuura | | | | |
| | Takafumi Watanabe | | | | |
| | Tatsuya Ito | | | | |
| | Nobuhisa Tako | | | | |
| | In consideration of the sum of one dollar (\$1.00) and other good and valuable | | | | |
| | considerations paid to each of the undersigned, the undersigned agree(s) to assign, and | | | | |
| | hereby does assign, transfer and set over to | | | | |
| (Assignee) | DENSO CORPORATION | a corporation of | Japan | | |
| (Address) | 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan | | | | |
| (Assignee) | NIHON PAKKIN CO., LTD. a corporation of Japan | | | | |
| (Address) | 1550, Kawabukuro, Ryuyo-cho, Iwata-gun, Shizuoka-pref., 438-0291 Japan | | | | |
| | (hereinafter designated as the Assignee) the undersigned's entire right, title and interest for | | | | |
| | the United States, its territories, dependencies and possessions in the invention, and all | | | | |
| | applications for patent and any Letters Patent which may be granted therefore, known as | | | | |
| (Title) | MANUFACTURING METHOD FOR CYLINDRICAL PART for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on | | | | |
| | | | | | |
| | | | | | |
| | or has already file | ed U.S. application Serial N | o, on | | |
| | | | | | |
| | The undersigned acknowledges an obliga | tion of assignment of this in | vention to said | | |

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

assignee at the time the invention was made.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

| Date | September 14, 2004 | Signature of inventor | Shinichi Ezaka |
|--------|--------------------|-----------------------|--------------------|
| | | | Shinichi Ezaka |
| Date | September 13, 2004 | Signature of inventor | Satoshi Sugiyama |
| | | | Satoshi Sugiyama |
| Date _ | October 5, 2004 | Signature of inventor | Tomohiro Inatsuura |
| | | | Tomohiro Matsuura |
| Date _ | October 5, 2004 | Signature of inventor | Tokafumi Watanabe |
| | | | Takafumi Watanabe |

264637

| T.T T. | I ve, 5, 2004 | | | Case No. : |
|---|--------------------------|------------------|--------|------------------------------|
| -3-37-21 | Ger 5.2004 | | | 71556-US-MAK/mk |
| Date <u>Colotic</u> | 2 5 , 2004 Signa | ture of inventor | | Totsuya Oto Tatsuya Ito |
| Date October 4, 2004 Signature of invento | | ture of inventor | _ | Nobuhisa Tako Nobuhisa Tako |
| | | | | Nobulisa Tako |
| Witnessed by: | Yoshihiro Andu | C | Date _ | September 14. 2004 |
| Witnessed by: | Kengo Takeshita | | Date _ | September 13, 2004 |
| Witnessed by: | Hiroshi Rakac | D | Date _ | October 5, 2004 |
| F.K October 5 Witnessed by: 2004 | ka Fuminobu k | (awashima D | Date _ | October 5. 2004 |
| Witnessed by: | Yukihiro Kura | hashi o | Date _ | October 5. 2004 |
| Witnessed by: | Yoshitaka kat | .O D | Date _ | 0ctober 4.2004 |

264637

PATENT REEL: 015949 FRAME: 0442