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| Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ | TR SHEET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office HDP Docket No. 5077-000208 Express Mair abe No. EV 992 338 129 US DT08 Reod PCT/PTO 3 0 MAR 2011 |
| To the Honorable Com. 102822891 | ord the attached original documents or copy thereof. |
| 1. Name of conveying party(ies): 330000 Ryo MINAMIHATA Kazuhisa TANAKA Tsuyoshi NAGAKURA Yoshitaka KURIMOTO Makoto HORIUCHI Additional name of conveying party(ies) attached? Yes No | Name and address of receiving party(ies) Name: Matsushita Electric Industrial Co., Ltd. Internal Address: |
| 3. Nature of conveyance: | Street Address: 1006, Oaza Kadoma, |
| ☐ Assignment ☐ Merger | Kadoma-shi, |
| ☐ Security Agreement ☐ Change of Name | City: Osaka State: Japan Zip: 571-8501 |
| Other Execution Date: December 22, 2003 | Additional Name(s) & address(es) attached? ☐ Yes ☑ No |
| A. Patent Application No.(s) | n, the execution date of the application is: December 22, 2003 B. Patent No.(s) ached? Yes No |
| E. Name and address of partito when correspondence | 6. Total number of applications and patents involved: 1 |
| 5. Name and address of party to whom correspondence concerning this document should be mailed: | o. Total number of applications and patents involved. [] |
| Name: Gregory A. Stobbs | 7. Total fee (37 CFR 3.41) \$ 40.00 |
| Internal Address: <u>Harness, Dickey & Pierce, P.L.C.</u> | ☑ Enclosed |
| 78004 GFREY1 00000117 10491250 | Authorized to be charged to deposit account |
| 8021 40.00 0P Street Address: P.O. Box 828 | The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. |

9. Statement and signature.

City: Bloomfield Hills

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy

Zip: 48303

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David A. McClaughry

Name of Person Signing

State: MI

Signature

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March 30, 200',

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> PATENT REEL: 015715 FRAME: 0271

| Attorney Docket No. | 5077-000208 |
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ASSIGNMENT

| 7 | VHEREAS, | Ryo M | INAMIHA | TA I | <u> Kazuhisa TANA</u> | KA | Tsuyos | hi NA | <u>GAKUI</u> | RA. | |
|------------------|-------------------------|----------------|-----------------------|---------------|--|-------------|--------------------|-----------------|-------------------|--------------|----------------|
| Yoshitaka | KURIMOT | O Mak | oto HORIU | CHI | | | | | | | |
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| | | | | | | fo | or which | the ur | ndersign | ed ha | s (have): |
| (a) | | | | | ent of the Uniteding Serial No | | | | | ·; | or |
| (b | executed indicated | | | Letters | s Patent of the | Uni | ted State | es of A | America | on ti | he date(s) |
| | | | | | nita Electric In | dus | <u>trial Co.</u> | . <u>, Ltd.</u> | • | | of |
| 1006, Oa | <u>za Kadoma</u> | <u>, Kadom</u> | <u>a-shi, Osa</u> | ka 571 | 1-8501, Japan | | | | | | |
| desirous o | of acquiring | the entire | right, title | and in | ssigns (hereinat nterest in and to nited States of A | o said | d inventi | | | | |

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to the application and any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims under or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

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A163-54545

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to the Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the Assignee, as Assignee of the entire interest, and hereby convenants that he has (they have) the 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.

This Assignment has been executed by the undersigned on the date(s) indicated.

| Date: | Dec. 22, 2003 | Prjo Minamihata Ryo MINAMIHATA |
|-------|---------------|--|
| | | Ryo MINAMIHATA |
| Date: | Dec. 22, 2003 | Kamuhisa Tanaka Kamhisa TANAKA |
| | | Kazuhisa TANAKA |
| Date: | Dec. 22, 2003 | <u>to tsuy oshi naghuxe</u> Tsuyoshi NAGAKURA |
| | | |
| Date: | Dec. 22, 2003 | Yoshitaka Kurimoto Yoshitaka KURIMOTO |
| | | |
| Date: | Dec. 22, 2003 | Makoto Horiuch |
| | | Makow HORIUCHI |
| Date: | , | |
| | | |
| Date: | , | |
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| Date: | , | |

RECORDED: 03/30/2004

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