

PATENT ASSIGNMENT

Electronic Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Takuo HINO | 03/14/2005 |
| RECEIVING PARTY DATA | |
| Name: | Matsushita Electric Industrial Co., Ltd. |
| Street Address: | 1006, Oaza Kadoma, |
| City: | Kadoma-shi, Osaka |
| State/Country: | JAPAN |
| Postal Code: | 571-8501 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 11100896 |
| CORRESPONDENCE DATA | |
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| Total Attachments: 3 source=8861-524US#page1.tif source=8861-524US#page2.tif source=8861-524US#page3.tif | |

CH \$40.00 11100896

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PATENT
REEL: 016163 FRAME: 0776

ASSIGNMENT

譲渡証

下記名称の新規でかつ有用性ある改良が後記の署名者によってなされ、

(発明の名称)

それらの改良について米国特許商標庁への特許出願書が作成され、後記署名者による署名の横の該当する個所に記載された日付で宣言書が作成された。その特許出願は、下記の番号により識別されるものである。

外国での先行する出願

(Number) (番号) (Country) (国名)
Pat. 2004-129507 Japan

日本国

の法人
である

(本譲渡証中、以下「譲受人」と称する)は、上記改良、発明及びそれらについての特許権に関する全世界的な権利、権原及び利益を取得することを希望する。

上記改良及び発明、並びにそれらについての特許、特許出願、特許権、及び発明者証に対する、米国および全世界における全ての権利、権原および利益、すなわち米国特許出願、分割および継続出願のすべて、それらに対して交付される特許のすべて、再特許および特許権延長のすべて、それらについて過去なされた特許侵害につき訴訟する権利のすべて、米国以外の国、または他の官庁、団体又は機構により交付される上記改良、発明に関する特許、および特許出願のすべてにも関して、

WHEREAS, new and useful improvements have been made by the undersigned in

PLL circuit, radio-communication equipment and method of oscillation frequency control

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the dates indicated below in the appropriate spaces under the signatures of the undersigned, which application is further identified as: PRIOR FOREIGN APPLICATION(s)

(Day/Month/Year Filed) (出願年月日)
26 April, 2004

WHEREAS, Matsushita Electric Industrial Co., Ltd.,

a corporation of Japan of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan

hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past

| | | |
|-------------|---|---|
| 唯一または第一発明者名 | Full name of sole or first inventor Takuo HINO | |
| 発明者の署名 | 日付 | Inventor's signature Date Takuo Hino March 14, 2005 |
| 住所 | Residence Osaka-shi, Japan | |
| 国籍 | Citizenship Japanese | |
| 郵便の宛先 | Post Office Address 2-1-3-314, Miyakojima-minamidori, Miyakojima-ku, Osaka-shi, Osaka 534-0023 Japan | |

| | | |
|------------|--|-------------------------------------|
| 第二共同発明者 | Full name of second joint inventor, if any | |
| 第二共同発明者の署名 | 日付 | Second inventor's signature Date |
| 住所 | Residence | |
| 国籍 | Citizenship | |
| 郵便の宛先 | Post Office Address | |

| | | |
|------------|---|------------------------------------|
| 第三共同発明者 | Full name of third joint inventor, if any | |
| 第三共同発明者の署名 | 日付 | Third inventor's signature Date |
| 住所 | Residence | |
| 国籍 | Citizenship | |
| 郵便の宛先 | Post Office Address | |

(第四またはそれ以降の共同発明者に対しても同様な情報および署名を提供すること。)

(Supply similar information and signature for fourth and subsequent joint inventors.)