

06-21-2002



102129478

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Kazuhiro Shiraga

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Matsushita Electric Industrial Co., Ltd.Street Address: 1006, Oaza-Kadoma, Kadoma-shiCity: Osaka 571-8501 State: JAPANAdditional name(s) of receiving party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: May 8, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s): 09/844,306

B. Patent No.(s):

Additional number(s) attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Michael W. GarveyStreet Address: 526 Superior Avenue EastSuite 1200City: Cleveland State: OH Zip: 44114-14846. Total number of applications and patents involved: 17. Total Fee (37 C.F.R. §3.41)\$40.00

- ☒ Enclosed
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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.

Michael W. Garvey
Name of Person Signing

Signature

June 6, 2002
Date

Total number of pages including cover sheet, attachments, and document: 4

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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.

1. Name of conveying party(ies):

Kazuhiro Shiraga

7-27-01

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: May 8, 2001

2. Name and address of receiving party(ies):

Name: Matsushida Electric Industrial Co., LTD.Street Address: 1006, Oaza-Kadoma, Kadoma-shiCity: Osaka 571-8501 State: JAPAN

Zip: _____

Additional name(s) of receiving party(ies) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

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A. Patent Application No.(s): 09/844,306

B. Patent No.(s): _____

Additional number(s) attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Jeffrey J. SopkoStreet Address: 526 Superior Avenue EastSuite 1200City: Cleveland State: OH Zip: 44114-1484

02/2001 TBIAZI 00000180 09844306

FC1381

40.00 DP

6. Total number of applications and patents involved: 1

7. Total Fee (37 C.F.R. §3.41)\$40.00

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9. Statement and Signature.

*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.*Jeffrey J. Sopko
Name of Person Signing
SignatureJuly 25,
Date 2001Total number of pages including cover sheet, attachments, and document: 4

A S S I G N M E N T

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. 2001-126403

Japan

(Day/Month/Year Filed) (出願年月日)

24 April, 2001

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。

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

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)

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

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The undersigned hereby grants the patent attorneys whom I appoint as my attorneys to prosecute the patent application in the Declaration and Power of Attorney For Patent Application executed on the even date 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 and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

唯一または第一発明者名	Full name of sole or first inventor Kazuhiro SHIRAGA		
発明者の署名	日付	Inventor's signature <i>Kazuhiro Shiraga</i>	Date May 8, 2001
住所	Residence Moriguchi-shi, Japan		
国籍	Citizenship Japanese		
郵便の宛先	Post Office Address 1-10-12, Yakumo-higashimachi, Moriguchi-shi, Osaka 570-0021 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.)