

03-12-1999

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To the Honorable Commissioner of Patents :

100980489

ed original documents or copy thereof.

1. Name of conveying party(ies):

Futoshi DEGUCHI
Kazuyuki NAKASHIMA
Sumio TATE

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

Name: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

Internal Address:

Street Address: 1006, Oaza Kadoma, Kadoma

City: Osaka

State: Japan

Zip:

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

3. Nature of conveyance:

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

Execution Date: February 10, 1999

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

09255.838

If this document is being filed together with a new application, the execution date of the application is: February 10, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: STEVENS, DAVIS, MILLER & MOSHER, L.L.P.

Internal Address: Suite 850/JEL 30693

Street Address: 1615 L Street, N.W.

City: Washington

State: DC

Zip: 20036

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)\$40.00

☒ Enclosed (Check No. 11268)☒ Any deficiencies may be charged to deposit account☐ Authorized to be charged to deposit account

8. Deposit account number: 19-4375

(Attach duplicate copy of this page if paying by deposit account)

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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.

James E. Ledbetter

Name of Person Signing

Registration No. 28,732

Signature

February 23, 1999

Date

Total number of pages including cover sheet, attachments, and document: 2

ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar(\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Futoshi DEGUCHI, Kazuyuki NAKASHIMA, and Sumio TATE,

citizens of Japan by MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.,
a corporation organized under the laws of Japan,
located at 1006, Oaza Kadoma, Kadoma-shi, Osaka, Japan,

receipt of which is hereby acknowledged, we, the said Futoshi DEGUCHI,
Kazuyuki NAKASHIMA, and Sumio TATE,

do hereby sell and assign to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.,

~~their~~ successors and assigns, all our right, title and interest, in and for the United States of America,
its
in and to "ANTENNA DEVICE"

invented by us and described in the application for United States Letters Patent therefor, executed on
even date herewith,
and all United States Letters Patent which may be granted therefor, and all divisions, continuations and
extentions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be
held and enjoyed by said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.,

~~their~~ Successors, assigns or other legal representatives, to the full end of term for which said Letters Patent
its
may be granted, as fully and entirely as the same would have been held and enjoyed by us if this
assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be
necessary, lawful, and proper in the prosecution of said above-named application or in the preparation
and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue
applications or in any amendment, extention, or interference proceedings, or otherwise to secure the title
thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent
to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

Signed on the dates indicated aside our signatures:

INVENTORS (発明者フルネームサイン)	Date Signed (署名日)	Witnesses (立会人サイン)
1) <u>Futoshi Deguchi</u> (Futoshi DEGUCHI)	<u>February 10, 1999</u>	<u>Kazuhiko Sugimoto</u>
2) <u>Kazuyuki Nakashima</u> (Kazuyuki NAKASHIMA)	<u>February 10, 1999</u>	<u>Kazuhiko Sugimoto</u>
3) <u>Sumio Tate</u> (Sumio TATE)	<u>February 10, 1999</u>	<u>Kazuhiko Sugimoto</u>
4) _____ ()	_____	_____
5) _____ ()	_____	_____
6) _____ ()	_____	_____
7) _____ ()	_____	_____
8) _____ ()	_____	_____