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U.S. DEPARTMENT OF COMMERCE
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05-03-2005



To the Director of the U.S. Patent and

ments or the new address(es) below.

1. Name of conveying party(ies)/Ex.

Masayuki ORIHASHI
Yutaka MURAKAMIExecution Date(s) September 10, 2004Additional name(s) of conveying party(ies) attached? ☐ YES ☒ NO

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Correction of Assignment Recordation
 (previously recorded at Reel _____, Frame _____).
☐ Other

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

Name: Matsushita Electric Industrial Co., Ltd.

Internal Address: _____

Street Address: 1006, Oaza Kadoma, Kadoma-shiCity: Osaka

State: _____

Zip: 571-8501Country: JapanAdditional name(s) & address(es) attached? ☐ YES ☒ NO4. Application or patent number(s): ☒ This document is being filed together with a new application.

A. Patent Application Number(s) _____

B. Patent Number(s) _____

Additional number(s) attached? ☐ YES ☒ NO

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

Name: Lawrence E. Ashery
Internal Address: RatnerPrestia

☒ Street Address: Suite 301
One Westlakes
Berwyn, P.O. Box 980
 City: Valley Forge State: PA
 ZIP: 19482-0980

OR

☐ Street Address: Nemours Building
1007 Orange Street
Suite 1100, P.O. Box 1596
 City: Wilmington State: DE
 ZIP: 19899

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41): \$ 40.

- ☒ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card - Last 4 Numbers 1000
Expiration Date 03/06b. Deposit Account Number 18-0350Authorized User Name Donna Wellings

9. Signature:

Signature

October 18, 2004

Date

Lawrence E. Ashery

Name of Person Signing

34,515

Registration Number

Total number of pages including cover sheet, attachments and documents:

3

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PATENT
 REEL: 016502 FRAME: 0741

ASSIGNMENT

WHEREAS, the ASSIGNOR, comprising the following named inventor(s)

Inventor(s)

ASSIGNOR(s)/
INVENTOR(s)

1. Masayuki ORIHASHI 2. Yutaka MURAKAMI

has made an invention entitled: COMMUNICATION APPARATUS AND
COMMUNICATION METHOD

and has executed an application for Letters Patent of the United States
concurrently herewith;

ASSIGNEE
(Full Name
and address)

WHEREAS, the ASSIGNEE
Matsushita Electric Industrial Co., Ltd.

1006, Oaza Kadoma, Kadoma-shi, Osaka, 571-8501 Japan

is desirous of acquiring the entire interest in and to said invention and the Letters
Patent to be obtained therefor,

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to
ASSIGNOR of a sum corresponding to One Dollar (\$1.00), and for other good
and valuable consideration, the receipt of which is hereby acknowledged,
ASSIGNOR, intending to be legally bound, hereby sells, assigns and transfers to
ASSIGNEE, its successors and assigns the full and exclusive right, title and
interest in and to said invention, all applications for Letters Patent for said
invention, including all divisions and continuations thereof, all rights to claim
priority based thereon, and all Letters Patent, including reissues, to be obtained
therefor, including any and all foreign patent rights in this invention
corresponding thereto.

ASSIGNOR hereby warrants that no assignment, sale, agreement or
encumbrance has been or will be made or entered into which would conflict with
this Assignment.

ASSIGNOR agrees it shall be legally bound, upon request of the
ASSIGNEE or its successors or assigns or a legal representative thereof, to supply
all information and evidence of which the ASSIGNOR has knowledge or

possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the ASSIGNEE, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, ASSIGNOR also grants to ASSIGNEE such control over any deposit made by ASSIGNOR as may be necessary to the validity of the patent rights assigned herein.

ASSIGNOR authorizes ASSIGNOR's attorney to insert at the end hereof the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney docket or file designation for this application.

If the ASSIGNOR includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

IN WITNESS WHEREOF, this Assignment is executed on the day indicated below.

(Typed or Printed Name) (Signature) (Date)

SIGNATURE

1. Masayuki ORIHASHI Masayuki Orihashi September 10, 2004

2. Yutaka MURAKAMI Yutaka Murakami September 10, 2004

PCT International Application No. PCT/JP03/10920 Filed: August 28, 2003

Application for United States Letters Patent

Serial No. _____ Filed _____,

Attorney Docket No. _____.