

FORM PTO-1595 (modified)

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COVER SHEET

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To the Honorable Assistant Secretary
copy(ies) thereof.

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1. Name of conveying party(ies):

Kiyotaka UEHARA, Koji OIKE and Masaharu USHIHARA

Additional name(s) of conveying party(ies) attached? NO

3. Nature of conveyance:

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

Execution Date: March 2, 2005

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

Name: Matsushita Electric Industrial Co., Ltd.

Street Address: 1006, Oaza Kadoma, Kadoma-shi,
Osaka, 571-8501 Japan

Additional name(s) & address(es) attached? NO

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: March 2, 2005

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? NO

5. Name and address of party to whom correspondence
concerning document should be mailed:Name: WENDEROTH, LIND & PONACK, L.L.P.
Attn: Charles R. Watts, Esq.

Street Address: 2033 K Street, N.W., Suite 800

City: Washington, State: DC ZIP: 20006-1021

6. Total number of applications and patents involved: 1

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

☒ Enclosed (Check No. 107286)
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8. Deposit account number: 23-0975

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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.

Charles R. Watts, Reg. No. 33,142
Name of Person Signing

Signature

March 22, 2005
Date

Total number of pages including cover sheet: 3

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ATTACHMENT E

PATENT

REEL: 016858 FRAME: 0619

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s)
of Inventor(s)

Kiyotaka UEHIRA

Koji OIKE

Masaharu USHIHARA

the undersigned hereby sell(s) and assign(s) to

Insert Name(s)
of Assignee(s)

Matsushita Electric Industrial Co., Ltd.

Address

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

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

Title of
Invention

DETECTOR OF A ROTATION ANGLE AND TORQUE

for which an application for patent in the United States has been executed by the undersigned

Date of
Signing
of Application

on March 2, 2005

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 continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

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

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, 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 Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date March 2, 2005

Kiyotaka Uehira
Name of the Inventor: Kiyotaka UEHIRA

Date March 2, 2005

Koji Oike
Name of the Inventor: Koji OIKE

Date March 2, 2005

Masaharu Ushihara
Name of the Inventor: Masaharu USHIHARA

Date _____

Name of the Inventor:

Date _____

Name of the Inventor:

Date _____

Name of the Inventor:

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Takashi Tamai

Witness Katsunori Hashiguchi

ACKNOWLEDGMENT

} ss

This _____ day of _____, 20____, before me personally came the above-named _____ to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

Official Signature

Official Title

The above application may be more particularly identified as follows:

PCT International Application No. PCT/JP2004/012906 International Filing Date August 31, 2004

U.S. Application Serial No. _____ Filing Date _____

Applicant Reference Number P35467-01 Atty Docket No. _____

Title of Invention DETECTOR OF A ROTATION ANGLE AND TORQUE