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11-14-2003

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Commissioner for Patents: Please record the attached original documents or copy thereof.

Submission type: XX New

11-7-03

Conveyance type: XX Assignment

Conveying Party(ies): (Last, First, Middle Initial)

Execution Date

First party Name: TANAAMI, Takeo October 20, 2003

Second party Name: SUGIYAMA, Yumiko October 20, 2003

Third party Name: SATOU, Saya October 20, 2003

Fourth party Name: KATAKURA, Hisao October 20, 2003

Fifth party Name:

10702430

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

Receiving Party (ies):

First party Name: YOKOGAWA ELECTRIC CORPORATION
Address: 9-32, Nakacho 2-chome, Musashino-shi,
Tokyo 180-8750, Japan

Second party Name:
Address:

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

Domestic Representative Name and Address (Enter for the first Receiving Party only)

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP
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Washington, D.C. 20036
Customer No.: 38834

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16834 U.S. PTO
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PATENT
REEL: 014684 FRAME: 0633

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Pages Enter the total number of pages of the attached conveyance document: 1*(including any attachments, but not counting cover sheets)***Application Number(s) or Patent Number(s)** Additional numbers attached? Yes ☐ No ☒**A. Patent Application No.(s)**

##

B. Patent No.(s)

##

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: October 20, 2003

*(Do not recite both application and patent numbers.)***Patent Cooperation Treaty (PCT)**

Enter PCT application number only if
a U.S. Application Number has not been assigned

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Number of Properties Enter the total number of properties involved: 1**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41). \$40.00XX Enclosed Authorized to be charged to Deposit Account No.: 50-2866**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.

Ken-Ichi Hattori

Name of Person Signing

Signature

November 7, 2003

Date

32,861

Registration No.

Rev. 11/00

KH/amr

10/702430



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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by
YOKOGAWA ELECTRIC CORPORATION

9-32, Nakacho 2-chome, Musashino-shi, Tokyo 180-8750, Japan

(Insert ASSIGNEE's
Name(s) Address(es))

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned
 ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title
 and interest to the invention entitled

(Title of Invention)

**A DETECTOR CALIBRATION METHOD AND
 POWER MEASUREMENT INSTRUMENTS USING THE METHOD**

(*If the assignment is
being filed after the
filing of the
application, this
section must be
completed)

for which application for Letters Patent of the United States was executed on even date herewith
 unless otherwise indicated below:

* filed on _____ Serial No.

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial
 number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any
 continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for
 which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any
 continuation, divisional, reissue or reexamination applications thereof and also to execute separate
 assignments in connection with such applications as the ASSIGNEE may deem necessary or
 expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference,
 litigation, or other legal proceeding which may be declared concerning this application or any
 continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued
 thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing
 evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

<u>Takeo Tanaami</u> (Signature)	<u>Takeo TANAAMI</u> (Type Name)	<u>20 October 2003</u> (Date)
<u>Yumiko Sugiyama</u> (Signature)	<u>Yumiko SUGIYAMA</u> (Type Name)	<u>20 October 2003</u> (Date)
<u>Saya Satou</u> (Signature)	<u>Saya SATOU</u> (Type Name)	<u>20 October 2003</u> (Date)
<u>Hisao Katakura</u> (Signature)	<u>Hisao KATAKURA</u> (Type Name)	<u>20 October 2003</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED