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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):

- (1) Kiyomichi ARAKI
- (2) Hitoshi ISHIDA
- (3) Takao NAKAGAWA

Additional name(s) of conveying parties attached? ☐ YES ☒ NO

2. Name and address of receiving parties:

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3. Nature of conveyance:

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Execution Date: November 14, 2005

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: November 14, 2005

A. Patent Application No(s):

B. Patent No(s):

10/558058

Additional numbers attached? ☐ YES ☒ NO

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

Name: Mavis S. Gallenson

Name: LADAS & PARRY

Internal Address: _____

Street Address: 5670 Wilshire Boulevard, #2100

City: Los Angeles State: CA Zip: 90036

6. Total number of application and patents involved: ☐ 17. Total fee 937 CFR 3.41).....\$ 40.00
☒ EnclosedAny additional fees which may be required are
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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.

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Attorney's Docket No. B-5829PCT 623048-3**Patent**

For: ☐ U.S. and/or ☐ Foreign Rights
 For: ☐ U.S. Application or ☐ U.S. Patent
 For: ☒ PCT Application
 By: ☒ Inventor(s) or ☐ Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

(inventor(s) or person(s) or entity(ies) who own the invention)

Kiyomichi ARAKI(type or print name(s) of ASSIGNOR(S))c/o Tokyo Institute of Technology2-12-1, Ookayama,Meguro-Ku, Tokyo 152-8550, Japan(Address)Japanese(Nationality)Hitoshi ISHIDA(type or print name(s) of ASSIGNOR(S))3-16-31, Hikaricho, Kokubunji-Shi,Tokyo 185-0034, Japan(Address)Japanese(Nationality)Takao NAKAGAWA(type or print name(s) of ASSIGNOR(S))1-67-7-201, Kitasenzoku,Oota-Ku, Tokyo 145-0062, Japan(Address)Japanese(Nationality)

(if assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO, add the following)

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hereby sells, assigns and transfers to

ASSIGNEE:

THE CIRCLE FOR THE PROMOTION OF
SCIENCE AND ENGINEERING

(type or print name(s) of ASSIGNEE(S))

2-12-1, Ookayama, Meguro-Ku,

Tokyo 152-8550, Japan

(Address)

Japanese Incorporated Foundation

(Nationality)

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest

☐ an undivided _____ percent (_____%) interest for the
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(check the following box if foreign rights are also to be assigned)

☐ and in all foreign countries, including all rights to claim
priority, in and to any and all improvements which are disclosed in
the invention entitled:

RING FILTER AND WIDEBAND BAND PASS FILTER USING THEREWITH

(check and complete (a), (b), (c) or (d)

and which is found in

(a) ☐ U.S. patent application executed on even date herewith

(b) ☐ U.S. patent application executed on _____

☐ To comply with 37 CFR 3.21 for recordal of this assignment,
I, an ASSIGNOR signing below, hereby authorize and request my
attorney, as named in the Declaration and Power of Attorney I
executed for this invention on the execution date stated
above, to insert below the filing date and application number
when it becomes known.

(c) ☐ U.S. Application serial no. _____ filed on

(d) ☒ International application no. PCT/JP2004 /001963

(e) ☐ U.S. Patent no. _____ issued _____

☐ A change of address to which correspondence is to be
sent regarding patent maintenance fees is being sent separately.

(also check (e) if foreign application(s) is also being assigned)

(f) ☐ and any legal equivalent thereof in a foreign country,
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and, in and to, all Letters Patent to be obtained for said invention
by the above application or any continuation, division, renewal, or
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IN WITNESS WHEREOF, I/We have hereunto set hand and seal
this 14th day of November, 2005 (date of
signing).

Warning: Date of signing must be the same as the date of execution of the application
if item (a) was checked above.

Kiyomichi Arai

Signature of ASSIGNOR(S)

Kiyomichi ARAKI

IN WITNESS WHEREOF, I/We have hereunto set hand and seal
this 14th day of November, 2005 (date of
signing).

Warning: Date of signing must be the same as the date of execution of the application
if item (a) was checked above.

Hitoshi Ishida

Signature of ASSIGNOR(S)

Hitoshi ISHIDA

IN WITNESS WHEREOF, I/We have hereunto set hand and seal
this 14th day of November, 2005 (date of
signing).

Warning: Date of signing must be the same as the date of execution of the application
if item (a) was checked above.

Takao Nakagawa

Signature of ASSIGNOR(S)

Takao NAKAGAWA