

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Akimasa TAMANO	08/30/2010
Mitsuhiro OKADA	08/30/2010
Kenichiro SUZUKI	08/25/2010

**RECEIVING PARTY DATA**

Name:	SANYO ELECTRIC CO., LTD.
Street Address:	5-5, Keihan-hondori 2-chome
City:	Moriguchi-shi, Osaka
State/Country:	JAPAN
Postal Code:	570-8677

Name:	THE RITSUMEIKAN TRUST
Street Address:	1-7, Toganoochou, Nishinokyou, Nakagyou-ku
City:	Kyoto-shi, Kyoto
State/Country:	JAPAN
Postal Code:	604-8520

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12921008

**CORRESPONDENCE DATA**

Fax Number: (202)822-1111  
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OP \$40.00 12921008

**501290840**

**PATENT  
 REEL: 024988 FRAME: 0573**

Address Line 4: Washington,, DISTRICT OF COLUMBIA 20036

ATTORNEY DOCKET NUMBER:

101131

NAME OF SUBMITTER:

William F. Westerman

Total Attachments: 2

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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

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

- (1) SANYO ELECTRIC CO., LTD.
- (2) THE RITSUMEIKAN TRUST

- of (1) 5-5, Keihan-hondori 2-chome, Moriguchi-shi, Osaka 570-8677 Japan
- (2) 1-7, Toganoochou, Nishinokyou, Nakagyuu-ku, Kyoto-shi, Kyoto 604-8520 Japan

(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)

Resonator and Resonator Array

(\*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)

 (Signature)	Akimasa TAMANO (Type Name)	August 30, 2010 (Date)
 (Signature)	Mitsuhiro OKADA (Type Name)	August 30, 2010 (Date)
_____ (Signature)	Kenichiro SUZUKI (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED

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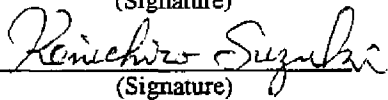
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IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

_____	Akimasa TAMANO	_____
(Signature)	(Type Name)	(Date)
_____	Mitsuhiro OKADA	_____
(Signature)	(Type Name)	(Date)
	Kenichiro SUZUKI	August 25, 2010
(Signature)	(Type Name)	(Date)
_____	_____	_____
(Signature)	(Type Name)	(Date)
_____	_____	_____
(Signature)	(Type Name)	(Date)
_____	_____	_____
(Signature)	(Type Name)	(Date)

NO LEGALIZATION REQUIRED