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Execution Date(s)12/19/2013 Assignment Merger Security Agreement Change of Name Joint Research Agreement	City: Kawasaki
Government Interest Assignment Executive Order 9424, Confirmatory License	State:Kanagawa Country: Japan Zip211-8666
Other	Additional name(s) & address(es) attached? Yes No
4. Application or patent number(s): A. Patent Application No.(s)	document is being filed together with a new application. B. Patent No.(s)
14/088,651	
Additional numbers attached? Yes X No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: John O'Banion	7. Total fee (37 CFR 1.21(h) & 3.41) \$40
Internal Address: O'Banion & Ritchey LLP	Authorized to be charged to deposit account
Street Address: 400 Capitol Mall, Suite 1550	Enclosed None required (government interest not affecting title)
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State: Zip: 95814	
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Docket Number: UC-2011-697-2-LA-US	•
Email Address: docketing @intellectual.com	Authorized User Name John P. O'Banion
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PATENT REEL: 032093 FRAME: 0510

PATENT

Attorney Docket No.: UC-2011-697-2-LA_US

ASSIGNMENT

(Patent Application)

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

Name:

HIROSHI TOYAO

Address: c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

Nationality:

JP

hereby sell(s), assign(s) and transfer(s) to ASSIGNEE(S):

NEC CORPORATION, 7-1, SHIBA 5-CHOME, MINATO-KU, TOKYO, 108-8001, JAPAN

and the successors, assigns and legal representatives of the ASSIGNEE(S), the entire right, title and interest for the United States and its territorial possessions 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:

ELECTRICALLY SMALL VERTICAL SPLIT-RING RESONATOR ANTENNAS

and which is found in

[X] U.S. patent application number 14/088,651 filed on November 25, 2013.

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any provisional, nonprovisional, continuation, continuation of a PCT international application under 35 USC 111(a), 35 USC 371 national stage entry from a PCT international application, division, continuation-in-part, extension, or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all international Conventions for the Protection of Industrial Property, and including the right to sue for past infringement;

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<u>ASSIGNOR(S)</u> agree that all of their obligations hereunder shall survive any termination of their employment and shall be binding on their heirs, executors, administrators, or other legal representatives or assigns;

<u>ASSIGNOR(S)</u> request(s) the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE(S); and

ASSIGNOR(S) request(s) and hereby authorize the attorney(s) of record in this application to insert into this Assignment the serial number and filing date of sald application when officially known.

PATENT REEL: 032093 FRAME: 0511 Date: $\frac{12}{19}\frac{19}{20/3}$ Inventor.

HIROSHI TOYAO

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