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1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
1 Yoji OKANO 5 Yoshiro SATO	2. Name and address of recorning party (1869).			
2 Tetsuya KIMURA 6	1) Name: TODA KOGYO CORPORATION			
3 Kazumi YAMAMOTO 7	Street Address: 1-4, Meijishinkai			
1	City: Otake-shi, Hiroshima-ken			
4 Takanori DOI 8	2 12			
1 1 1 1 C C C C C C C C C C C C C C C C	State/Country: JP Zip:			
Additional name/s of conveying party/ies attached?	2) Name			
3. Nature of conveyance/Execution Date(s): Execution Date(s) June 11, 11, 13, 14, 2013	Street Address:			
Assignment Merger	City:			
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Other	State, Country.			
	Additional name/s & address/es attached? Yes No			
4. Application number(s) or patent number(s): This	document serves as an Oath/Declaration (37 CFR 1.63).			
A. Patent Application No(s).	B. Patent No(s).			
(1) 13/884,417	(1)			
(2)	(2)			
(3)	(3)			
Additional numbers at				
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved:1			
concerning document should be mailed:				
	7. Total fee (37 CFR 1.21(h) & 30.41) \$ 40.00			
Name: Arthur R. Crawford	Enclosed			
·	Authorized to be charged to Deposit Account No. 14-			
	1140			
Internal Address:				
	8. The Commissioner is hereby authorized to charge any			
Street Address: Nixon & Vanderhye P.C.	deficiency in the fee(s) filed, or asserted to be filed, or which			
901 North Glebe Road	should have been filed herewith (or with any paper thereafter			
11th Floor	filed in this application by this firm) to Deposit Account No.			
City: Arlington State: VA Zip: 22203	14-1140.			
,				
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9. Statements and signature.				
To the best of my knowledge and belief, the foregoing informa	tion is true and correct and any attached copy is a true copy			
of the original document.				
Arthur R. Crawford Um L.	June 17, 2013			
	natufe Date			
Reg. No. 25,327				
Total number of pages including original cover sheet, attachments, and document: [5]				

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PATENT

2183812

REEL: 030710 FRAME: 0395

ASSIGNMENT OF PATENT APPLICATION

(Inventors)

Yoji OKANO Tetsuya KIMURA Kazumi YAMAMOTO Takanori DOI Yoshiro SATO

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) (Address)

TODA KOGYO CORPORATION

of 1-4, Meijishinkai, Otake-shi, Hiroshima-ken, Japan

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of in the invention, and all application(s) for patent and any Letters Patent which may

(Other Countries) (Title)

be granted therefor, known as FOLDED DIPOLE ANTENNA AND RF TAG USING THE FOLDED DIPOLE ANTENNA

(Case No. 1417-850)

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed

or has already filed in

U.S. appln. Serial No. 13/884.417. filed on May 9, 2013.

The undersigned acknowledges an obligation of assignment of this invention to said

assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to 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 Patent of the United States resulting from said application or any division or divisions or continuing 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 NIXON & VANDERHYE P.C. 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. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

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

> **PATENT**²¹⁷⁵⁷¹² **REEL: 030710 FRAME: 0396**

Date	JUNE 11, 2013	Signature of inventor	gays Okano
	,		Yoji OKANO
Date	June 11, 2013	Signature of inventor	Tetsuya Cimura
			i etsuya Kimuka
Date	June 11. 2913	Signature of inventor	La jumi Jamano O Kazumi YAMAMOTO
	•		Kazumi YAMAMOTO
Date	June 13, 2013	Signature of inventor	Jakimi Doi
		J	Takanori DOI
Date	1750	Signature of inventor	Vaching CATO

ASSIGNMENT OF PATENT APPLICATION

(Inventors)

Yoji OKANO Tetsuya KIMURA Kazumi YAMAMOTO Takanori DOI Yoshiro SATO

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) (Address)

TODA KOGYO CORPORATION

of 1-4, Meijishinkai, Otake-shi, Hiroshima-ken, Japan

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of in the invention, and all application(s) for patent and any Letters Patent which may

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

> **PATENT** 2175712 REEL: 030710 FRAME: 0398

Date	Signature of inventor	Yoji OKANO
Date	Signature of inventor	Tetsuya KIMURA
Date	Signature of inventor	Kazumi YAMAMOTO
Date	Signature of inventor	Takanori DOI
Date June 14 2018	Signature of inventor	Joshino Sara

PATENT REEL: 030710 FRAME: 0399