

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4996552

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BRENT A. GOETZL	03/15/2018
MATTHEW RICHARDSON	03/09/2018
PATRICK TYNDALL	03/16/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	RADIO SYSTEMS CORPORATION
<b>Street Address:</b>	10427 PETS SAFE WAY
<b>City:</b>	KNOXVILLE
<b>State/Country:</b>	TENNESSEE
<b>Postal Code:</b>	37932
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15871846
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(678)406-8812
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	404-577-6000
<b>Email:</b>	tdavis@bdbbc.com
<b>Correspondent Name:</b>	BAKER DONELSON IP DEPARTMENT
<b>Address Line 1:</b>	3414 PEACHTREE ROAD
<b>Address Line 2:</b>	SUITE 1600
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30326
<b>ATTORNEY DOCKET NUMBER:</b>	2925118-223
<b>NAME OF SUBMITTER:</b>	TAMI DAVIS
<b>SIGNATURE:</b>	/tami davis/
<b>DATE SIGNED:</b>	06/07/2018
<b>Total Attachments: 6</b>	
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## ASSIGNMENT

WHEREAS, Brent A. Goetzl (the "Assignor") is the inventors of a certain new and useful invention and discovery entitled "Piezoelectric Detection Coupling of a Bark Collar" (the "Invention") for which a U.S. patent application was filed with the United States Patent and Trademark Office on 1/15/2018, and assigned U.S. Application No. 15/871,846, hereinafter referred to as the "Application"; and

WHEREAS, Radio Systems Corporation, a corporation of Delaware, domiciled in Knox County, TN, and having its principal office at 10427 PetSafe Way, Knoxville, TN 37932, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby assigns to Assignee all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any applications and/or patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (including utility applications, divisionals, continuations, continuations-in-part, international applications and/or any foreign regional and/or national applications), or any application based in whole or in part on any of the foregoing. Assignor assigns to Assignee the right to sue for patent infringement, past, present, and future, in any and all countries where patent rights are held with respect to any of the title, rights, benefits, and privileges herein recited.

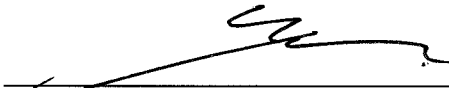
Assignor agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions thereof, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Assignor further agrees that such

Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

Assignor grants the attorneys of Baker, Donelson, Bearman, Caldwell & Berkowitz P.C. associated with Customer Number 49,841 the power to insert in this Assignment any further identification or information which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office (or any foreign patent office) for recordation of this document.

IN WITNESS WHEREOF, said Assignor has executed and delivered this instrument to said Assignee on the date indicated below.

3/15/18  
Date

  
\_\_\_\_\_  
Brent A. Goetzl

ASSIGNMENT

WHEREAS, Matthew Richardson (the "Assignor") is the inventors of a certain new and useful invention and discovery entitled "Piezoelectric Detection Coupling of a Bark Collar" (the "Invention") for which a U.S. patent application was filed with the United States Patent and Trademark Office on 1/15/2018, and assigned U.S. Application No. 15/871,846, hereinafter referred to as the "Application"; and

WHEREAS, Radio Systems Corporation, a corporation of Delaware, domiciled in Knox County, TN, and having its principal office at 10427 PetSafe Way, Knoxville, TN 37932, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby assigns to Assignee all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any applications and/or patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (including utility applications, divisionals, continuations, continuations-in-part, international applications and/or any foreign regional and/or national applications), or any application based in whole or in part on any of the foregoing. Assignor assigns to Assignee the right to sue for patent infringement, past, present, and future, in any and all countries where patent rights are held with respect to any of the title, rights, benefits, and privileges herein recited.

Assignor agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions thereof, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Assignor further agrees that such

Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

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IN WITNESS WHEREOF, said Assignor has executed and delivered this instrument to said Assignee on the date indicated below.

3/9/2018  
Date

Matthew Richardson  
Matthew Richardson

## ASSIGNMENT

WHEREAS, Patrick Tyndall (the "Assignor") is the inventors of a certain new and useful invention and discovery entitled "Piezoelectric Detection Coupling of a Bark Collar" (the "Invention") for which a U.S. patent application was filed with the United States Patent and Trademark Office on 1/15/2018, and assigned U.S. Application No. 15/871,846, hereinafter referred to as the "Application"; and

WHEREAS, Radio Systems Corporation, a corporation of Delaware, domiciled in Knox County, TN, and having its principal office at 10427 PetSafe Way, Knoxville, TN 37932, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby assigns to Assignee all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any applications and/or patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (including utility applications, divisionals, continuations, continuations-in-part, international applications and/or any foreign regional and/or national applications), or any application based in whole or in part on any of the foregoing. Assignor assigns to Assignee the right to sue for patent infringement, past, present, and future, in any and all countries where patent rights are held with respect to any of the title, rights, benefits, and privileges herein recited.

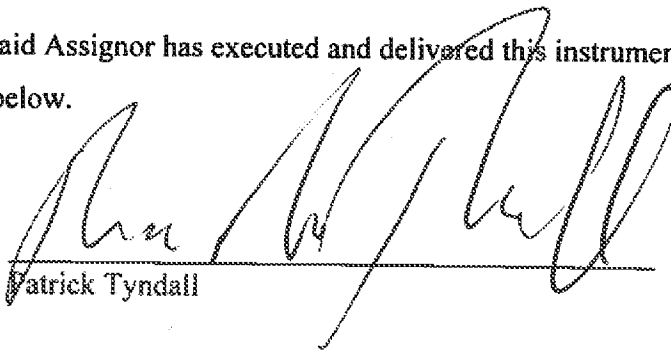
Assignor agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions thereof, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Assignor further agrees that such

Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

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IN WITNESS WHEREOF, said Assignor has executed and delivered this instrument to said Assignee on the date indicated below.

3/16/2018  
Date

  
Patrick Tyndall