# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2841683

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name             | Execution Date |
|------------------|----------------|
| SEAN P. MCDEVITT | 05/02/2014     |
| P. KEITH KELLY   | 05/02/2014     |
| IAN S. RUMSEY    | 05/02/2014     |
| JOSEPH MRUK      | 05/02/2014     |

#### **RECEIVING PARTY DATA**

| Name:           | FIRST RF CORPORATION   |
|-----------------|------------------------|
| Street Address: | 5340 AIRPORT BOULEVARD |
| City:           | BOULDER                |
| State/Country:  | COLORADO               |
| Postal Code:    | 80301                  |

#### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 14268626 |

### **CORRESPONDENCE DATA**

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

**Phone:** (303) 449-6210

Email: chris@kulishlaw.com

Correspondent Name: CHRISTOPHER J. KULISH
Address Line 1: 1531 NORWOOD AVENUE
Address Line 4: BOULDER, COLORADO 80304

| ATTORNEY DOCKET NUMBER: | 6002.0008               |
|-------------------------|-------------------------|
| NAME OF SUBMITTER:      | CHRISTOPHER J. KULISH   |
| SIGNATURE:              | /Christopher J. Kulish/ |
| DATE SIGNED:            | 05/05/2014              |

### **Total Attachments: 8**

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PATENT 502795088 REEL: 032820 FRAME: 0133

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source=FIRST\_RF\_6002-0008\_USPTO\_Assignment\_Kelly#page1.tif
source=FIRST\_RF\_6002-0008\_USPTO\_Assignment\_Kelly#page2.tif

PATENT REEL: 032820 FRAME: 0134

WHEREAS, I, Sean P. McDevitt of 4865 Sterling Drive, Boulder, Colorado 80301, Ian S. Rumsey of 4865 Sterling Drive, Boulder, Colorado 80301, and Joseph Mruk of 4865 Sterling Drive, Boulder, Colorado 80301, and P. Keith Kelly of 4316 Beverly Drive, Berthoud, Colorado 80513; have invented a certain new and useful invention entitled "Crossed-Dipole Antenna Array Structure" for which a United States patent application was filed on May 2, 2014, 2014, accorded Application No. 14/268,626, and further identified as Attorney Docket No. 6002.0008.

NOW, THEREFORE, be it known that I, one of the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, FIRST RF Corporation, a Delaware corporation having a place of business at 5340 Airport Boulevard, Boulder, Colorado 80301, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation. divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues, the right to claim priority and other patent rights, obtained for the invention in the United States or any other country; I also assign any right, title or interest in and to the said invention which has not already been transferred to the assignee; I warrant that I have made no assignment of the invention, application or patent therefor to a party other than FIRST RF Corporation, and I am under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner for Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to FIRST RF Corporation, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date:  $\frac{5/2/2014}{}$ 

Sean P. McDevitt

Patent Application No. 14/268,626 Attorney DocketNo. 6002,0008

| STATE OF COLORADO                                                         | )<br>) ss.                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COUNTY OF BOULDER                                                         | )                                                                                                                                                                                                                            |
| McDevitt, known to me to be the and acknowledged to me that he expressed. | olic in and for said County and State, personally appeared Sean P. ne person whose name is subscribed to the foregoing assignment, the executed the same for the purposes and considerations therein a diseal of office this |

WHEREAS, I, Ian S. Rumsey of 4865 Sterling Drive, Boulder, Colorado 80301, together with Joseph Mruk of 4865 Sterling Drive, Boulder, Colorado 80301, P. Keith Kelly of 4316 Beverly Drive, Berthoud, Colorado 80513, and Sean P. McDevitt of 4865 Sterling Drive, Boulder, Colorado 80301; have invented a certain new and useful invention entitled "Crossed-Dipole Antenna Array Structure" for which a United States patent application was filed on May 2, 2014, 2014, accorded Application No. 14/268,626, and further identified as Attorney Docket No. 6002.0008.

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IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

| Date: _ | 5/2/2014 | By: Justy     |
|---------|----------|---------------|
|         |          | Ian S. Rumsey |

Patent Application No. 14/268,626 Attorney DocketNo. 6002,0008

| STATE OF COLORADO | )     |
|-------------------|-------|
|                   | ) ss. |
| COUNTY OF BOLLDER | )     |

Before me, a Notary Public in and for said County and State, personally appeared Ian S. Rumsey, known to me to be the person whose name is subscribed to the foregoing assignment, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 2 day of May, 2014

Notary Public

My Commission Expires 04/29/2015

My Commission Expires: \_

PATENT REEL: 032820 FRAME: 0138

WHEREAS, I, Joseph Mruk of 4865 Sterling Drive, Boulder, Colorado 80301, together with P. Keith Kelly of 4316 Beverly Drive, Berthoud, Colorado 80513, Sean P. McDevitt of 4865 Sterling Drive, Boulder, Colorado 80301, and Ian S. Rumsey of 4865 Sterling Drive, Boulder, Colorado 80301; have invented a certain new and useful invention entitled "Crossed-Dipole Antenna Array Structure" for which a United States patent application was filed on May 2, 2014, 2014, accorded Application No. 14/268,626, and further identified as Attorney Docket No. 6002.0008.

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The Commissioner for Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to FIRST RF Corporation, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date: S/3/14

By: Joseph Mruk

Patent Application No. 14/268,626 Attorney DocketNo. 6002.0008

| STATE OF COLORADO | )     |
|-------------------|-------|
|                   | ) ss. |
| COUNTY OF BOULDER | )     |
|                   |       |

Before me, a Notary Public in and for said County and State, personally appeared Joseph Mruk, known to me to be the person whose name is subscribed to the foregoing assignment, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 2 day of Way 2014.

My Commission Expires 04/29/2015

My Commission Expires:

Notary Public

**PATENT** REEL: 032820 FRAME: 0140

WHEREAS, I, P. Keith Kelly of 4316 Beverly Drive, Berthoud, Colorado 80513, together with Sean P. McDevitt of 4865 Sterling Drive, Boulder, Colorado 80301, Ian S. Rumsey of 4865 Sterling Drive, Boulder, Colorado 80301; have invented a certain new and useful invention entitled "Crossed-Dipole Antenna Array Structure" for which a United States patent application was filed on May 2, 2014, 2014, accorded Application No. 14/268,626, and further identified as Attorney Docket No. 6002,0008.

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The Commissioner for Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to FIRST RF Corporation, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date:  $\frac{5/2}{14}$ 

By: P. Keith Kelly

Patent Application No. 14/268,626 Attorney DocketNo. 6002.0008

| STATE OF COLORADO | )         |
|-------------------|-----------|
| COUNTY OF BOULDER | ) ss<br>) |
|                   |           |

Before me, a Notary Public in and for said County and State, personally appeared P. Keith Kelly, known to me to be the person whose name is subscribed to the foregoing assignment, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 2 day of 112 , 2014

MARIO MARIO TARIO TARIO

My Commission Expires: 4/

Notary Public

PATENT REEL: 032820 FRAME: 0142

RECORDED: 05/05/2014