

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael R. Kay</td> <td>04/15/2013</td> </tr> <tr> <td>Philippe Gorisse</td> <td>04/15/2013</td> </tr> <tr> <td>Nadim Khlal</td> <td>04/13/2013</td> </tr> <tr> <td>Andrew F. Folkmann</td> <td>04/30/2013</td> </tr> <tr> <td>Manbir Singh Nag</td> <td>04/15/2013</td> </tr> <tr> <td>Jean-Frederic Chiron</td> <td>04/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	Michael R. Kay	04/15/2013	Philippe Gorisse	04/15/2013	Nadim Khlal	04/13/2013	Andrew F. Folkmann	04/30/2013	Manbir Singh Nag	04/15/2013	Jean-Frederic Chiron	04/15/2013
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<table border="1"> <tr> <td>Name:</td> <td>RF Micro Devices, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>7628 Thorndike Road</td> </tr> <tr> <td>City:</td> <td>Greensboro</td> </tr> <tr> <td>State/Country:</td> <td>NORTH CAROLINA</td> </tr> <tr> <td>Postal Code:</td> <td>27409</td> </tr> </table>		Name:	RF Micro Devices, Inc.	Street Address:	7628 Thorndike Road	City:	Greensboro	State/Country:	NORTH CAROLINA	Postal Code:	27409				
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PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13727911</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13727911										
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CORRESPONDENCE DATA															
Fax Number:	9192382301														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	919-238-2300														
Email:	patents@wt-ip.com														
Correspondent Name:	WITHROW & TERRANOVA, P.L.L.C.														
Address Line 1:	100 REGENCY FOREST DRIVE														
Address Line 2:	SUITE 160														
Address Line 4:	CARY, NORTH CAROLINA 27518														
ATTORNEY DOCKET NUMBER:	2867-1025														

NAME OF SUBMITTER:	Julie Quetel
Signature:	/Julie Quetel/
Date:	05/07/2013
Total Attachments: 20 source=2867-1025_Assignment_signed#page1.tif source=2867-1025_Assignment_signed#page2.tif source=2867-1025_Assignment_signed#page3.tif source=2867-1025_Assignment_signed#page4.tif source=2867-1025_Assignment_signed#page5.tif source=2867-1025_Assignment_signed#page6.tif source=2867-1025_Assignment_signed#page7.tif source=2867-1025_Assignment_signed#page8.tif source=2867-1025_Assignment_signed#page9.tif source=2867-1025_Assignment_signed#page10.tif source=2867-1025_Assignment_signed#page11.tif source=2867-1025_Assignment_signed#page12.tif source=2867-1025_Assignment_signed#page13.tif source=2867-1025_Assignment_signed#page14.tif source=2867-1025_Assignment_signed#page15.tif source=2867-1025_Assignment_signed#page16.tif source=2867-1025_Assignment_signed#page17.tif source=2867-1025_Assignment_signed#page18.tif source=2867-1025_Assignment_signed#page19.tif source=2867-1025_Assignment_signed#page20.tif	

ASSIGNMENT

This Assignment made by us, **Michael R. Kay**, a citizen of the United States of America, residing at 5237 Creed Drive, City of Summerfield, State of North Carolina; **Philippe Gorisse**, a citizen of France, residing at 7 impasse Palanque, City of Brax, Country of France; **Nadim Khlat**, a citizen of France, residing at 24 rue Pierre de Fermat, City of Cugnaux, Country of France; **Andrew F. Folkmann**, a citizen of the United States of America, residing at 6300 Wayside Circle, City of Cedar Rapids, State of Iowa; **Manbir Singh Nag**, a citizen of the United States of America, residing at 5404 Gray Leigh Drive, City of Oak Ridge, State of North Carolina; and **Jean-Frederic Chiron**, a citizen of France, residing at 34 rue Louis Pasteur, City of Tournefeuille, Country of France; referred to as assignors;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **NOISE REDUCTION FOR ENVELOPE TRACKING**, for which we have applied for Letters Patent of the United States on December 27, 2012, Application Number 13/727,911, which claims the benefit of U.S. Provisional Application Number 61/580,874 filed December 28, 2011, and for which we have executed a Declaration;

WHEREAS, **RF Micro Devices, Inc.**, a corporation duly organized and existing under the laws of the State of North Carolina and having a principal place of business at 7628 Thorndike Road, City of Greensboro, State of North Carolina, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in the specification executed by us concurrently herewith, and any and all Letters Patent which shall be granted therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that for good and

valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over unto the said assignee, its successors and assigns, the entire right, title and interest in and to the above-mentioned application and invention and in and to any and all Letters Patent of the United States which may hereafter be granted therefor, and in any and to any and all continuations, continuations-in-part, substitutions, divisions or reissues of said Letters Patent, the same to be held and enjoyed by the said assignee, for its interest, and for its own use and behalf, and the use and behalf of its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made;

And for the consideration aforesaid, we hereby covenant and agree to and with the said assignee, its successors and assigns, that at the time of the execution and delivery of these presents we are the joint and lawful owners of the entire right, title and interest in and to the invention, application and Letters Patent above-mentioned and that the same are unencumbered, and that we have good right and lawful authority to sell and convey the same in the manner herein set forth;

And for the consideration aforesaid, we hereby covenant and agree to and with the said assignee, its successors and assigns, that we will, whenever its counsel or the counsel of its successors and assigns, learned in the law, shall advise that an amendment, division, continuation, continuation-in-part, or substitution of, or any other proceeding in connection with said application, including interference proceedings, is lawful and desirable, sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue of the same without

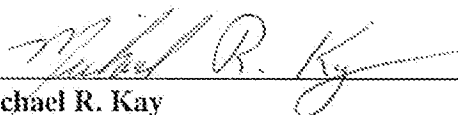
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We hereby request the Commissioner for Patents to issue the Letters Patent in accordance with this instrument;

For the consideration aforesaid, we have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the said assignee, its successors, assigns or nominee, the entire right, title and interest in and to any and all Letters Patent for said invention which may be granted in countries foreign to the United States and in and to any applications for Letters Patent which may be filed for said invention in countries foreign to the United States and in and to the invention described in said application; and we hereby authorize and empower the said assignee, its successors, assigns or nominees to apply for Letters Patent or other form of protection on said invention in its own name or in the name of its successor, assignee, or nominee, in any and all countries where it may desire to file such application and where said application may be filed by another than the inventor; and we hereby covenant and agree to sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for procurement of Letters Patent, or other form of protection, for said invention or inventions in countries foreign to the United States, and for further investing or confirming the right and title therein to the assignee, its successors, assignee, or nominee, without charge to our said assignee, its successor, assignee or nominee, but at its or their expense;

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

15-April-2013
Date



Michael R. Kay

Date

Philippe Gorisse

Date

Nadim Khat

Date

Andrew F. Folkmann

Date

Manbir Singh Nag

Date

Jean-Frederic Chiron

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And for the consideration aforesaid, we hereby covenant and agree to and with the said assignee, its successors and assigns, that at the time of the execution and delivery of these presents we are the joint and lawful owners of the entire right, title and interest in and to the invention, application and Letters Patent above-mentioned and that the same are unencumbered, and that we have good right and lawful authority to sell and convey the same in the manner herein set forth;

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Date

Michael R. Kay

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Philippe Gorisse

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Nadim Khlat

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Andrew F. Folkmann

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Manbir Singh Nag

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Jean-Frederic Chiron

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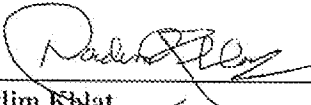
_____ Date

_____ Michael R. Kay

Date

13 April 2013
Date

Philippe Gorisse



Nadim Khlaf

Date

Andrew F. Folkmann

Date

Manbir Singh Nag

Date

Jean-Frederic Chiron

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IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Date

Michael R. Kay

Date

Philippe Gorisse

Date

Nadim Khlal

30 April 2013

Date

Andrew F. Folkmann
Andrew F. Folkmann

Date

Manbir Singh Nag

Date

Jean-Frederic Chiron

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