503360512 06/22/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	UBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DA	ATA				
		Name	Execution Date		
JEAN-FREDERIC CHIR	ON		06/22/2015		
NADIM KHLAT			05/25/2015		
RECEIVING PARTY DA	ТА				
Name:		RO DEVICES, INC.			
Street Address:	7628 TI	HORNDIKE ROAD			
City:	GREEN	GREENSBORO			
State/Country:	NORTH	I CAROLINA			
Postal Code:	27409				
	1				
PROPERTY NUMBERS	Total: 1				
Property Type		Number			
		14212199			
Application Number:		14212199			
Application Number:	ATA				
Application Number: CORRESPONDENCE D Fax Number:	ΑΤΑ	(919)238-2301			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be	ATA				
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p	ATA e sent to provideo	(919)238-2301 • the e-mail address first; if that is			
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source=2867-1151_Dec_Assignment_signed#page1.tif source=2867-1151_Dec_Assignment_signed#page2.tif source=2867-1151_Dec_Assignment_signed#page3.tif source=2867-1151_Dec_Assignment_signed#page4.tif

As the below named inventor. I hereby declare that: This declaration is directed to: The attached application; or United States application or PCT international application number <u>14/212,199</u> , filed on <u>3/14/2014</u> . The above-identified application is made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful fulse statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than (ive (5) years, or both. WHEREAS, <u>RF Micro Devices</u> , 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 Read, Greensboro North Carolina, 27409 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, tide, and interest in and to said invention as described in the specification executed by me concurrently herewith, and any and all Letters Patent which shall be granted therefor. NOW, THEREFORE, To All Whom II May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the said assignor, have sold, assigned, transferred and set over unto the said ASSIGNEE. Its successors and assigns, the entir right, file 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 my be granted as fully and clutierly as the same would have been held and enjoyed by me bad this assignment and sale noriseant and agree to and with the said A	Title of	ENVELOPE TRACKING POWER SUPPLY VOLTAGE DYNAMIC
This declaration is directed to: The attached application: or United States application or PCT international application number <u>14/212,199</u> , filed on <u>3/14/2014</u> . The above-identified application is made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. WHEREAS. <u>RF Micro Devices</u> , 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, Greensboro, North Carolina, 27409 (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 me 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. I, the staid assigner, have sold, assigned, transferred and set fuely or wright bravely be granted and sufficiency of which is hareby acknowledged. I the staid assigner, have sold, assigner, transferred and set over unto the said ASSIGNEE is successors and assigns, the entire right, title and interest in and to the above-mentioned application and invention and in any and on any and all cultures patent of he United States which hung hereafter be granted therefor, more sold, assigner, there sold assigner, transfer and set over unto the said ASSIGNEE is interest, and for its own use and behal and the as and behalf of its successors and assigns, to the full end of the term for which said Letters Patent my be granted as fully and culturely as the same would have been held and enjoyed by me had this assignment and sale not been made.	Invention	RANGE REDUCTION
☑ United States application or PCT international application number 14/212.199, filed on 3/14/2014. The above-identified application is made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful fulse statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. WHEREAS, <u>RF.Micro.Dexices.Inc.</u> , 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, Greensboro, North Carolina, 27409 (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 me 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. I, the said assign, the entire fight, title and interest in and to bab above-mentioned application and invention and in any and all Letters Patent of the United States which may hereafter be granted therefor, and in any and all any and all continuations, continuations, in-pan, 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 successors and assign, to the full end of the said ASSIGNEE, its successors and enjoyed by me had this assignuent and sale not becen made. L the said assigner, transfer and set over unto the said ASSIGNEE the rights to the priority application and be abled and enjoyed by the said ASSIGNEE to right and enjoyed by me had this assignuent and sale not been made. L the said assigner, transfer and set over unto the said ASSIGNEE the rights to the priority app	As the below h	and arvenior. I acreby declare mat:
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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 relssue of the same without charge to the said ASSIGNEE, its successors or assigns, but at its or their expense.

I hereby request the Commissioner for Patents to issue the Letters Patent in accordance with this instrument.

For the consideration aforesaid, I 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 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 I 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 I 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 the said ASSIGNEE, its successor, assignee or nominee, but at its or their expense.

IN WITNESS WHEREOF, I hereunto set my hand and seal.

LEGAL NAME OF INVENTOR

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Inventor: Jean-Free	deric Chiron
Signature:	
	Comment V

Date: 22 june 2015

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Title of	ENVELOPE TRACKING POWER SUPPLY VOLTAGE DYNAMIC
Invention As the below i	ANGE REDUCTION tamed inventor, I hereby declare that:
THIS OCCUPAN	on is directed to: The attached application; or United States application or PCT international application number <u>14/212,199</u> , filed on <u>3/14/2014</u> .
The above-ide	ntified application is made or authorized to be made by me.
I believe that I application.	am the original inventor or an original joint inventor of a claimed invention in the
l hereby ackno U.S.C. 1001 b	wledge that any willful false statement made in this declaration is punishable under 18 y fine or imprisonment of not more than five (5) years, or both.
North Caroling right, title, and	<u>F Micro Devices. Inc.</u> , a corporation duly organized and existing under the laws of the Carolina and having a principal place of business at 7628 Thorndike Road, Greensboro, 27409 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire interest in and to said invention as described in the specification executed by me arewith, and any and all Letters Patent which shall be granted therefor.
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IN WITNESS WHEREOF, I hereunto set my hand and seal.

LEGAL NAME OF INVENTOR Date: 25 May 2015 Inventor: Nadim Khlat Signature:

RECORDED: 06/22/2015