# 505231406 12/11/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5278176

SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY D	ΔΤΔ		1		
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JUSTIN CROOKS				05/20/2011	
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PROPERTY NUMBERS	Total: 1				
Property Type			Number		
Application Number: 16		1620	8056		
CORRESPONDENCE D Fax Number:	AIA	(360)	379-0473		
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using a fax number, if	provided	l; if tl	hat is unsuccessful, it will be sent vi		
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DATE SIGNED:		12/11/2018			
Total Attachments: 4					
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US PATENT APPLICATION Attorney's Do. No. TESE.001

#### ASSIGNMENT

Assignor:	JUSTIN CROOKS
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Assi <b>g</b> nee:	BRUCE DEVINE dba TEST EQUIPMENT PLUS
Address:	35707 NE 86TH AVENUE

# Title of

## Invention: SPECTRUM ANALYZER USING MULTIPLE INTERMEDIATE FREQUENCIES AND MULTIPLE CLOCK CONFIGURATIONS FOR RESIDUAL, SPURIOUS AND IMAGE SIGNAL REDUCTION

U.S. Patent Application:

Application Serial No.: 13/026,876

Filing Date: 14 February 2011

U.S. Patent No.:

Issued:

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers,

Serial No. 13/026,876

Page 1 of 2

Atty Dkt No. TESE.001

PATENT REEL: 047748 FRAME: 0557 execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

Executed at Vancouver, Washington, U.S.A., this 20 May 201

CROOKS

Assignor

STATE OF WASHINGTON

County of Clark

Before me this  $20^{4}$  (May 2011, personally appeared the above-named individual, JUSTIN CROOKS to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

) ) ss.

**NOTARY PUBLIC** STATE OF WASHINGTON SHEREE D. WRIGHT Appointment Expires Dec. 10, 2012

fSEAL1

Notary Public for Battle Ground, WA My commission expires: Dec. 10,2012

Atty Dkt No. TESE.001

PATENT REEL: 047748 FRAME: 0558

#### US PATENT APPLICATION Attorney's Do. No. TESE.001

#### ASSIGNMENT

Assignor:	JUSTIN CROOKS
Address:	1703 SW 6th ST Battle Ground, WA 98604
Assignee:	BRUCE DEVINE dba TEST EQUIPMENT PLUS
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## Title of Invention: METHOD AND APPARATUS FOR A USB-BASED BUS POWERED SPECTRUM ANALYZER

U.S. Patent Application:

Application Serial No.: 61/304,291

Filing Date: 12 February 2010

U.S. Patent No.:

Issued:

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawfid papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do

Serial No. 61/304,291

Atty Dkt No. TESE.001

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PATENT REEL: 047748 FRAME: 0559 everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

Executed at Vancouver, Washington, U.S.A., this  $\frac{2\mathcal{O}\mathcal{M}\mathcal{M}}{\mathcal{O}\mathcal{I}}$ 

Assignor

STATE OF WASHINGTON

County of Clark

Before me this  $20^{4}01May 201$ , personally appeared the above-named individual, JUSTIN CROOKS to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

) ss.

NOTARY PUBLIC STATE OF WASHINGTON SHEREE D. WRIGHT ppqintment Expires Dec. 10, 2012

Notary Public for Rattle Ground tershing ton My commission expires:  $\gamma$ 

Serial No. 61/304,291

Atty Dkt No. TESE.001



**RECORDED: 12/11/2018**