

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	DANIEL G. KNIERIM	12/21/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	TEKTRONIX, INC.	
<b>Street Address:</b>	14150 SW KARL BRAUN DRIVE	
<b>Internal Address:</b>	PO BOX 500, M/S 50-LAW	
<b>City:</b>	BEAVERTON	
<b>State/Country:</b>	OREGON	
<b>Postal Code:</b>	97077	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15347600
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<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>	503-627-1785	
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<b>Correspondent Name:</b>	MICHAEL A. NELSON TEKTRONIX, INC.	
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<b>ATTORNEY DOCKET NUMBER:</b>	11598-US1	
<b>NAME OF SUBMITTER:</b>	ANDREW J. HARRINGTON	
<b>SIGNATURE:</b>	/Andrew J. Harrington/	
<b>DATE SIGNED:</b>	07/26/2017	
<b>Total Attachments: 2</b>		
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**ASSIGNMENT**

WHEREAS, I/WE

Daniel G. Knierim	Residing at	14170 SW Barlow Road, Beaverton, OR 97008
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have invented certain new and useful improvements in

**TEST AND MEASUREMENT INSTRUMENT INCLUDING ASYNCHRONOUS TIME-  
INTERLEAVED DIGITIZER USING HARMONIC MIXING AND A LINEAR TIME-PERIOD  
FILTER**

for which I/we:

	have executed an application for Letters Patent of the United States of even date herewith;			
X	have filed an application for Letters Patent of the United States, No.	15/347,600	on	11/09/2016
X	have filed a U.S. Provisional Application, No.	14/851,937	on	09/11/2015

And

Tektronix, Inc. (hereinafter called Assignee), an Oregon corporation whose address is 14150 SW Karl Braun Drive, Beaverton, Oregon 97077-0001 desires to acquire my/our entire right, title and interest in and to said improvements and said application(s);

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, I/we hereby assign and transfer to Assignee my/our entire right, title and interest in and to said improvements throughout the world, and in and to said application(s), including any previously filed provisional application(s) and any continuation(s) or division(s) thereof, and any Letters Patent or other protective right(s) that may be granted therefor in the United States and in any and all foreign countries, including the right to file in foreign countries applications for protection of said improvements claiming priority from said application(s).

I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and corresponding officials in any and all foreign countries to issue said Letters Patent(s) or protective right(s) to Assignee as the assignee of my/our entire right, title and interest therein, for the sole use and benefit of Assignee.

I/We hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed, and will not execute, any agreement in conflict herewith.

I/We hereby agree to communicate to Assignee or its legal representatives any facts known to me/us relating to said improvements, to testify as to the same in any interference or legal proceeding concerned therewith, to execute promptly and deliver to Assignee or its legal representatives upon request any and all papers, instruments, declarations and affidavits required to apply for, obtain, maintain and enforce Letters Patent(s) or other protective right(s) for said

improvements throughout the world, and generally to do everything necessary or desirable to vest and perfect title thereto in Assignee.

This assignment is binding upon me/us and my/our heirs, successors and personal representatives, and shall inure to the benefit of Assignee, its successors, assigns and nominees.

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.

IN TESTIMONY WHEREOF, I/we hereunto set our hands and seals the day and year set opposite our respective signatures.

	INVENTOR NAME	SIGNATURE	DATE
Inventor 1	Daniel G. Knierim	<i>Daniel G. Knierim</i>	12/21/2016
Witnessed by:	GILLIAN WOLF	<i>Gillian Wolf</i>	12/21/2016