

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT8178649

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
SIGNAL HOUND, LLC	09/20/2023
RECEIVING PARTY DATA	
Name:	CIBC BANK USA
Street Address:	1550 WEWATTA ST., SUITE 520
City:	DENVER
State/Country:	COLORADO
Postal Code:	80202
PROPERTY NUMBERS Total: 7	
Property Type	Number
Application Number:	63324077
Patent Number:	8977519
Patent Number:	9086438
Patent Number:	10054621
Patent Number:	10145872
Patent Number:	10371731
Patent Number:	10564198
CORRESPONDENCE DATA	
Fax Number:	(303)223-1111
<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>	
Phone:	3032231100
Email:	patentdocket@bhfs.com
Correspondent Name:	BROWNSTEIN HYATT FARBER SCHRECK LLP / M.A. DYE
Address Line 1:	675 15TH STREET, SUITE 2900
Address Line 4:	DENVER, COLORADO 80202
ATTORNEY DOCKET NUMBER:	018667.0029
NAME OF SUBMITTER:	SONYA DOMINGO
SIGNATURE:	/Sonya Domingo/
DATE SIGNED:	09/20/2023

**Total Attachments: 5**

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**INTELLECTUAL PROPERTY SECURITY AGREEMENT**

September 20, 2023

WHEREAS, **SIGNAL HOUND, LLC**, a Washington limited liability company (the “Grantor”), is a party to that certain Loan and Security Agreement, dated as of the date hereof (as amended, restated, supplemented or otherwise modified from time to time, the “Loan Agreement”; capitalized terms used herein without definition shall have the meanings set forth in the Loan Agreement), among the Grantor, the other Loan Parties from time to time party thereto and CIBC BANK USA (“Lender”), pursuant to which the Grantor has pledged and granted to Lender a security interest in all of the Grantor’s right, title and interest in, to and under all of its personal property, including without limitation the Patents and Trademarks listed on Schedule A hereto; and

WHEREAS, it is a condition to the advance of the loans and other obligations secured by the Loan Agreement that the Grantor execute and deliver, and cause to be filed in the United States Patent and Trademark Office, this Intellectual Property Security Agreement (this “Intellectual Property Security Agreement”).

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged:

As collateral security for the payment in full when due (whether at stated maturity, by acceleration or otherwise) of the Obligations, the Grantor hereby pledges and grants to the Lender a security interest in all of the Grantor’s right, title, and interest in, to and under all of the Patents and Trademarks, whether now owned or hereafter acquired and whether now existing or hereafter coming into existence, of the Grantor that are issued by or filed with the United States Patent and Trademark Office, including the Patents and Trademarks listed on Schedule A hereto.

At such time as the Obligations have been Paid in Full and all Commitments of Lender under the Loan Agreement have terminated, at the sole expense of the Grantor, Lender shall execute and deliver to the Grantor such documents as the Grantor shall reasonably request to evidence the termination of this Intellectual Property Security Agreement and the security interest created hereby.

Notwithstanding the foregoing, in the event of any conflict between this Intellectual Property Security Agreement and the Loan Agreement, the Loan Agreement shall control.

This Intellectual Property Security Agreement and the rights and obligations of the parties hereunder shall be governed by, and construed in accordance with, the laws of the State of New York, without regard to principles of conflicts of laws thereof (other than Section 5-1401 of the General Obligations Law of the State of New York) that would result in the application of the laws of any other jurisdiction.

[signature page to follow]

IN WITNESS WHEREOF, the Grantor has caused this Intellectual Property Security Agreement to be duly executed and delivered as of the day and year first above written.

Signal Hound, LLC, as Grantor

By:   
Name: Harrison Osbourn  
Title: Chief Executive Officer

[Signature Page to IP Security Agreement]

**Schedule A**

**1. PATENTS AND PATENT APPLICATIONS:**

**Published Patents:**

<b>Company</b>	<b>Registration No.</b>	<b>Registration Date</b>	<b>Description</b>
Signal Hound, LLC	8977519	3/10/2015	Spectrum Analyzer using multiple intermediate frequencies and multiple clock configurations for residual, spurious and image signal reduction
Signal Hound, LLC	9086438	7/21/2015	Method and apparatus for a superspeed USB Bus powered real-time spectrum analyzer
Signal Hound, LLC	10054621	8/21/2018	Method and apparatus for a superspeed USB Bus powered real-time spectrum analyzer
Signal Hound, LLC	10145872	12/4/2018	Spectrum Analyzer using multiple intermediate frequencies and multiple clock configurations for residual, spurious and image signal reduction
Signal Hound, LLC	10371731	8/6/2019	Method and apparatus for a superspeed USB Bus powered real-time spectrum analyzer

Company	Registration No.	Registration Date	Description
Signal Hound, LLC	10564198	2/18/2020	Spectrum Analyzer using multiple intermediate frequencies and multiple clock configurations for residual, spurious and image signal reduction

Patent Applications:

Company	Application No.	Application Date	Description
Signal Hound, LLC	63324077	3/26/2022	Phase Locked Loop Frequency Synthesizer with Translation Reference Loop

2. TRADEMARKS AND TRADEMARK APPLICATIONS:

Trademark Registrations:

Company	Registration No.	Registration Date	Description
Signal Hound, LLC	3856232	10/5/2010	Signal Hound Logo
Signal Hound, LLC	4579256	8/5/2014	Signal Hound (name)