

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5583023

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
HALL LABS LLC		01/01/2019
RECEIVING PARTY DATA		
Name:	SURE-FI INC.	
Street Address:	3000 SIERRA VISTA WAY	
City:	PROVO	
State/Country:	UTAH	
Postal Code:	84606	
PROPERTY NUMBERS Total: 29		
Property Type	Number	
Application Number:	15145235	
Application Number:	15378407	
Application Number:	15587760	
Application Number:	15825428	
Application Number:	15151872	
Application Number:	15198384	
Application Number:	15362026	
Application Number:	15391071	
Application Number:	15398343	
Application Number:	15411449	
Application Number:	15413734	
Application Number:	15434725	
Application Number:	15458347	
Application Number:	15480012	
Application Number:	15601413	
Application Number:	15612021	
Application Number:	15612291	
Application Number:	16007279	
Application Number:	15444798	
Application Number:	15638716	

PATENT

Property Type	Number
Application Number:	15647492
Application Number:	15669047
Application Number:	15725827
Application Number:	15725895
Application Number:	15945013
Application Number:	15964468
PCT Number:	WO2017192555
PCT Number:	WO2017192571
PCT Number:	WO2017201001

CORRESPONDENCE DATA

Fax Number:

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.

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Email: jduncan@newvistas.com
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Address Line 1: 3000 SIERRA VISTA WAY
Address Line 4: PROVO, UTAH 84606

NAME OF SUBMITTER: JEFF DUNCAN

SIGNATURE: /Jeff Duncan/

DATE SIGNED: 06/20/2019

Total Attachments: 4

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INTELLECTUAL PROPERTY ASSIGNMENT

Hall Labs, LLC ("**Assignor**") possesses the entire right, title, and interest in and to the patents, patent applications, copyrights, trade secrets, know-how, inventions, Internet domain names, and confidential information described in the attached Schedule (the "**Assigned Intellectual Property**").

Sure-Fi Inc. ("**Assignee**") desires to acquire all of Assignor's rights in and to the Assigned Intellectual Property and all patent applications, patents, and other intellectual property rights deriving or resulting therefrom.

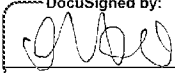
Therefore, for valuable consideration, the receipt of which is hereby acknowledged, Assignor assigns and transfers to Assignee all of Assignor's right, title, and interest in (a) the Assigned Intellectual Property; (b) with respect to all inventions included in the Assigned Intellectual Property, all improvements and modifications thereof, (c) with respect to all patent applications that are included in the Assigned Intellectual Property, all patents that may issue therefrom; (d) with respect to all patents and patent applications that are included in the Assigned Intellectual Property or that may issue therefrom, all divisions, continuations, reissues, and extensions thereof.

Assignor agrees to: (a) cooperate with Assignee, its representatives, successors, and assigns in perfecting and securing the transfer of the Assigned Intellectual Property to Assignee, including but not limited to execution, verification, acknowledgment, and delivery of such further papers, **deeds, bills of sale, assignments, and other instruments of transfer** as may be necessary or appropriate to consummate and give full effect to the assignments and transfers referenced herein; (b) cooperate with Assignee, its representatives, successors, and assigns in the prosecution of any patents and patent applications that are included in the Assigned Intellectual Property or that may issue therefrom, including any foreign counterparts; and (c) perform such other acts, at Assignee's expense, as Assignee lawfully may request to obtain and carry out the purposes of this Intellectual Property Assignment.

In witness whereof, Assignor hereby executes this Intellectual Property Assignment on this 1st day of January, 2019.

ASSIGNOR

HALL LABS, LLC

DocuSigned by:
By 
David R. Hall, Manager

SCHEDULE**Patents**

Title	Filing Date	Serial No.	Publ. No.	Patent No.
Method and System for a Dual Modulation Low Data Rate Network	5/3/2016	15/145,235		9,628,126
Sending Communication Between a Remote Device and a Control Server	12/14/2016	15/378,407	2018-0006939	10,057,163
System and Device for Evened Frequency Emission Impact Distribution using a Preamble-Based DSS Communication Link	5/5/2017	15/587,760		9,979,435
Deployment and Communications Test of Intermediate-Range Devices using a Short-Range Wireless Mobile Device	11/29/2017	15/825,428		10,178,016

Patent Applications

Title	Filing Date	Serial No.	Publ. No.
Method and System for Tamper-Proofing a Dual Modulation Network	5/11/2016	15/151,872	2017-0331846
Wireless Network Negotiation and Optimization	6/30/2016	15/198,384	2018-0007691
Controlling a Remote Device Over a Network	11/28/2016	15/362,026	2018-0007141
BroadBand Helical Microstrip Antenna	12/27/2016	15/391,071	2018-0183143
Devices and Systems for Consumer-Installed Hub-Based	1/4/2017	15/398,343	2018-0191564
Preemptive Maintenance for a Client-Server Masquerading Network	1/20/2017	15/411,449	2018-0213573
Hubs and Systems for Intermediate-Range Multi-Channel Wireless Networks Employing End-Device Type Management	1/24/2017	15/413,734	2018-0213522
Intermediate-Range Multi-Channel Wireless Device with Adaptive Redundancy for Variable Interference Environments	2/16/2017	15/434,725	2018-0234970
Broadband Microstrip Antenna	3/14/2017	15/458,347	2018-0269580
Adaptive Communication Channel Redundancy in a Hub-Based Intermediate-Range System	4/5/2017	15/480,012	2018-0295541

An Apparatus for Distributing Short-Range Wireless Signals using an Interconnection Protocol for Electronic Devices	5/22/2017	15/601,413	2018-0338331
System and Devices using a Preamble-Based DSS Communication Link and Spectrum-Impact-Smoothed Channel Sets	6/2/2017	15/612,021	2018-0352569
Implementing Channel Resynchronization System and Devices using a Preamble-Based DSS Communication Link and Spectrum-Impact-Smoothed Channel Sets	6/2/2017	15/612,291	2018-0352536
Implementing Channel Resynchronization and Abbreviated Acknowledgments			
Redundant Network System	6/13/2018	16/007,279	2018-0294929
Intermediate-Range Multi-Channel Wireless Device for Variable Interference Environments with Adaptive Redundancy and Patience Indicators	2/28/2017	15/444,798	
System and Device for Evened Frequency Emission Impact Distribution using SIS Channel Sequencing by Time-Slotted Transitions	6/30/2017	15/638,716	
System and Device using Spectrum-Impact-Smoothed Channel Sequencing and Deferred Acknowledgments	7/12/2017	15/647,492	
Wireless Stream Broadcast System using Spectrum-Impact-Smoothed Channel Sequencing and Deferred Acknowledgments	8/4/2017	15/669,047	
Deployment of Intermediate-Range Devices using a Short-Range Mobile Device	10/5/2017	15/725,827	
Deployment of Intermediate-Range Devices using a Short-Range Mobile Device	10/5/2017	15/725,895	
Normalization of Communications between Devices	4/4/2018	15/945,013	
Redundant Network System	4/27/2018	15/964,468	
Method and System for a Dual Modulation Low Data Rate Network		(PCT)	WO2017192555
System and Method for Cloud-Networked Stand-Alone Dual Modulation LAN		(PCT)	WO2017192571
Efficient Hub Switching for Mobile Devices		(PCT)	WO2017201001

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Internet Domain Names

sure-fi.biz
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Trademarks

Sure-fi (text)
Sure-Fi (text and logo)
Sure-fi (logo)
Bunker Busting 900 MHz (text)

Trade Secrets, Know-How, Inventions, and Other Confidential Information

All rights in the trade secrets, know-how, inventions and other confidential information created by or for Hall Labs, LLC or any of its affiliated entities.