

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM549453

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Hall Research Technologies, LLC		07/31/2018	Limited Liability Company: DELAWARE
RECEIVING PARTY DATA			
Name:	Comerica Bank		
Street Address:	39200 Six Mile Road		
Internal Address:	MC 7578		
City:	Livonia		
State/Country:	MICHIGAN		
Postal Code:	48152		
Entity Type:	a Texas banking association: TEXAS		
PROPERTY NUMBERS Total: 2			
Property Type	Number	Word Mark	
Registration Number:	4197109	MINI-CAT	
Registration Number:	5020229	HR HALL RESEARCH	
CORRESPONDENCE DATA			
Fax Number:	7349302494		
<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:	7349302488		
Email:	ipfilings@bodmanlaw.com		
Correspondent Name:	Susan M. Kornfield - Bodman PLC		
Address Line 1:	201 South Division		
Address Line 2:	Suite 400		
Address Line 4:	Ann Arbor, MICHIGAN 48104		
NAME OF SUBMITTER:	SUSAN M. KORNFIELD		
SIGNATURE:	/susan m. kornfield/		
DATE SIGNED:	11/14/2019		
Total Attachments: 7			
source=Hall Research - Trademark Agreement#page1.tif			
source=Hall Research - Trademark Agreement#page2.tif			

OP \$65.00 4197109

source=Hall Research - Trademark Agreement#page3.tif
source=Hall Research - Trademark Agreement#page4.tif
source=Hall Research - Trademark Agreement#page5.tif
source=Hall Research - Trademark Agreement#page6.tif
source=Hall Research - Trademark Agreement#page7.tif

AGREEMENT

(Trademark)

THIS AGREEMENT (TRADEMARK) (this "Agreement"), dated as of July 31, 2018 between the undersigned (the "Debtor") and Comerica Bank ("Secured Party").

WITNESSETH

A. WHEREAS, pursuant to that certain Credit Agreement dated as of July 31, 2018 (as amended, restated or otherwise modified from time to time, the "Credit Agreement") by and among Debtor and Secured Party, the Secured Party has agreed, subject to the satisfaction of certain terms and conditions, to make extensions of credit to the Borrower; and

B. WHEREAS, in connection with the Credit Agreement, the Debtor has executed and delivered that certain Security Agreement, dated as of July 31, 2018, to the Secured Party (as amended or otherwise modified from time to time, the "Security Agreement"); and

C. WHEREAS, as a condition precedent to the making of the extensions of credit under the Credit Agreement, the Debtor is required to execute and deliver this Agreement and to further confirm the grant to the Secured Party interest in all of the Trademark Collateral (as defined below) to secure all Indebtedness (as defined in the Credit Agreement).

NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, and in order to induce the Secured Party to make extensions of credit to the Debtor pursuant to the Credit Agreement, Debtor agrees, for the benefit of the Secured Party, as follows:

SECTION 1. Definitions. Unless otherwise defined herein or the context otherwise requires, terms used in this Agreement, including its preamble and recitals, have the meanings provided in the Security Agreement.

SECTION 2. Grant of Security Interest. For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, to secure the prompt and complete payment and performance when due of all of the Indebtedness, Debtor does hereby mortgage, pledge and hypothecate to the Secured Party, and grant to the Secured Party a security interest in, all of the following property of such Debtor (the "Trademark Collateral"), whether now owned or hereafter acquired or existing:

(a) all license agreements with any other Person in connection with any of the Trademarks or such other Person's names or trademarks, whether a Debtor is a licensor or a licensee under any such license agreement, including, without limitation, the license agreements listed on Schedule 1.1 hereto and made a part hereof, subject, in each case, to the terms of such license agreements, and the right to prepare for sale, and to sell and advertise for sale, all inventory now or hereafter covered by such licenses;

(b) all trademarks, service marks, trade names, trade dress or other indicia of trade origin, trademark and service mark registrations, and applications for trademark or service

mark registrations (except for “intent to use” applications for trademark or service mark registrations filed pursuant to Section 1(b) of the Lanham Act, unless and until an Amendment to Allege Use or a Statement of Use under Sections 1(c) or 1(d) of said Act has been filed), and any renewals thereof, including, without limitation, each registration and application identified on *Schedule 1.1* attached hereto and made a part hereof, and including without limitation (a) the right to sue or otherwise recover for any and all past, present and future infringements and misappropriations thereof, (b) all income, royalties, damages and other payments now and hereafter due and/or payable with respect thereto (including, without limitation, payments under all Trademark Licenses entered into in connection therewith, and damages and payments for past or future infringements thereof) and (c) all rights corresponding thereto and all other rights of any kind whatsoever of Borrower accruing thereunder or pertaining thereto, together in each case with the goodwill of the business connected with the use of, and symbolized by, each such trademark, service mark, trade name, trade dress or other indicia of trade origin;

(c) all renewals of any of the items described in clauses (a) and (b);

(d) all of the goodwill of the business connected with the use of, and symbolized by each of the items described in, clauses (a), (b) and (c); and

(e) all proceeds of, and rights associated with, the foregoing, including any right to sue or claim by the Debtor against third parties for past, present, or future infringement or dilution of any Trademark, Trademark registration, or Trademark license, including any Trademark, Trademark registration or Trademark license referred to in Schedule 1.1 attached hereto, or for any injury to the goodwill associated with the use of any Trademark or for breach or enforcement of any Trademark license.

SECTION 3. Security Agreement. This Agreement has been executed and delivered by the Debtor for the purpose of registering the security interest of the Secured Party in the Trademark Collateral with the United States Patent and Trademark Office. The security interest granted hereby has been granted as a supplement to, and not in limitation of, the security interest granted to the Secured Party under the Security Agreement as security for the discharge and performance of the Indebtedness. The Security Agreement (and all rights and remedies of the Secured Party thereunder) shall remain in full force and effect in accordance with its terms.

SECTION 4. Release of Security Interest. The Secured Party shall, upon the written request of the Debtor, execute and deliver to the Debtor a proper instrument or instruments acknowledging the release of the security interest and Liens established hereby on any Trademark Collateral if the sale or other disposition of such Trademark Collateral is permitted under the terms of the Credit Agreement and, at the time of such proposed release, both before and after giving effect thereto, no Default or Event of Default has occurred and is continuing.

SECTION 5. Acknowledgment. The Debtor does hereby further acknowledge and affirm that the rights and remedies of the Secured Party with respect to the security interest in the Trademark Collateral granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which (including the remedies provided for therein) are incorporated by reference herein as if fully set forth herein.

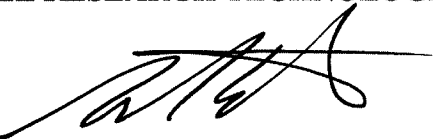
SECTION 6. Loan Documents, etc. This Agreement is a Loan Document executed pursuant to the Credit Agreement and shall (unless otherwise expressly indicated herein) be construed, administered and applied in accordance with the terms and provisions of the Credit Agreement.

SECTION 7. Counterparts. This Agreement may be executed by the parties hereto in several counterparts, each of which shall be deemed to be an original and all of which shall constitute together but one and the same agreement.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed and delivered by their respective officers thereunto duly authorized as of the day and year first above written.

DEBTOR:

HALL RESEARCH TECHNOLOGIES, LLC

By:  _____

Martin Stein

Its: Manager

SECURED PARTY:

COMERICA BANK

By: _____

Kyle F. VanDer Haag

Its: Vice President

(Signature Page to Trademark Supplement --15506026)

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed and delivered by their respective officers thereunto duly authorized as of the day and year first above written.

DEBTOR:

HALL RESEARCH TECHNOLOGIES, LLC

By: _____

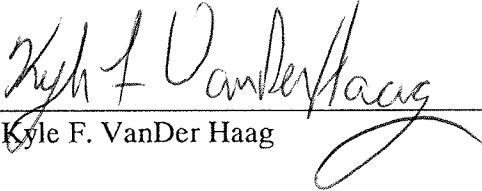
Martin Stein

Its: Manager

SECURED PARTY:

COMERICA BANK

By: _____


Kyle F. VanDer Haag

Its: Vice President

(Signature Page to Trademark Supplement -15506026)

SCHEDULE 1.1

TRADEMARK COLLATERAL

Registered U.S. Trademarks:

Trademark: Mini-CAT

G&S Classes: IC 009. US 021 023 026 036 038. G & S: Transmitters and receivers for audio and video signals for transmission over twisted pair cables. FIRST USE: 20020904. FIRST USE IN COMMERCE: 20030122.

App. No., Filing Date: Serial Number 85392316, Filing Date: August 8, 2011

Reg No., Registration Date: 4197109, August 28, 2012

Jurisdiction: U.S.

Trademark: HR Hall Research

G&S Classes: IC 009. US 021 023 026 036 038. G & S: Audio amplifiers; Audio cables; Audio mixers; Audio-video receivers; Cable connectors; Cables for electrical and optical signal transmission systems; Cables for electrical or optical signal transmission; Change-over switches; Coaxial cables; Component video cables; Computer cables; Computer hardware for communicating audio, video and data between computers via a global computer network, wide-area computer networks, and peer-to-peer computer networks; Computer hardware, namely, wireless network extenders; Computer network adapters, switches, routers and hubs; Computer network hubs, switches and routers; Computer network switches; Computer switches; Data cables; Electric switches; Electronic scalars for audio and video signals; Extension cables; Fiber optic cables; Fiber optic connectors; Fiber optics; Matrix switchers for audio and video signals; Plug adaptors; Power supply connectors and adaptors for use with portable electronic devices; Signal processors; Signal splitters for electronic apparatus; Telecommunications equipment, namely, fiber-optic transceivers, fiber optic repeaters, converters and optimizers, wave division multiplexers, free-space optics transmission systems, switches including Ethernet switches and routers, fiber-to-the-home and ethernet-over-VDSL access aggregators, terminators and repeaters, and remote presence management products, namely, switches, and console, alarm, sensor and power management devices; Video processors; Word processors. FIRST USE: 20030122. FIRST USE IN COMMERCE: 20030122.

App No., Filing Date: Serial Number 86651147, Filing Date: June 4, 2015

Reg No., Registration Date: 5020229, August 28, 2012

Jurisdiction: U.S.

U.S. Trademark Applications:

None.

Trademark License Agreements:

Trademark License Agreement dated as of February 21, 2013 by and between HDBaseT Alliance, an Oregon non-profit corporation (as Licensor) and Debtor as successor to Hall Research Technologies, a California corporation, by assignment (as Licensee).

HDMI Specification Adopter Agreement dated as of November 5, 2010 by and between HDMI Licensing, LLC (as licensee) and Debtor as successor to Hall Research Technologies, a California corporation, by assignment (as licensee), , as amended by that certain Addendum to HDMI Adopter Agreement dated as of September 23, 2013.