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TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 ETAS ID: TM459059

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST IN TRADEMARKS

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
BANK OF AMERICA, N.A.		01/22/2018	National Banking Association: UNITED STATES

RECEIVING PARTY DATA

Name:	Harvard Bioscience, Inc.
Street Address:	84 October Hill Road
City:	Holliston
State/Country:	MASSACHUSETTS
Postal Code:	01746
Entity Type:	Corporation: DELAWARE
Name:	FKAUBI, Inc.
Street Address:	84 October Hill Road
City:	Holliston
State/Country:	MASSACHUSETTS
Postal Code:	01746
Entity Type:	Corporation: DELAWARE
Name:	FKA GSI US, Inc.
Street Address:	84 October Hill Road
City:	Holliston
State/Country:	MASSACHUSETTS
Postal Code:	01746
Entity Type:	Corporation: DELAWARE
Name:	Cartesian Technologies, Inc.
Street Address:	84 October Hill Road
City:	Holliston
State/Country:	MASSACHUSETTS
Postal Code:	01746
Entity Type:	Corporation: DELAWARE
Name:	Genomic Solutions Canada, Inc.
Street Address:	84 October Hill Road
City:	Holliston
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TRADEMARK REEL: 006255 FRAME: 0573

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State/Country:	MASSACHUSETTS
Postal Code:	01746
Entity Type:	Corporation: DELAWARE
Name:	Hoefer, Inc.
Street Address:	84 October Hill Road
City:	Holliston
State/Country:	MASSACHUSETTS
Postal Code:	01746
Entity Type:	Corporation: DELAWARE
Name:	KD Scientific, Inc.
Street Address:	84 October Hill Road
City:	Holliston
State/Country:	MASSACHUSETTS
Postal Code:	01746
Entity Type:	Corporation: MASSACHUSETTS
Name:	Biochrom US, Inc.
Street Address:	84 October Hill Road
City:	Holliston
State/Country:	MASSACHUSETTS
Postal Code:	01746
Entity Type:	Corporation: DELAWARE
Name:	Warner Instruments LLC
Street Address:	84 October Hill Road
City:	Holliston
State/Country:	MASSACHUSETTS
Postal Code:	01746
Entity Type:	Limited Liability Company: DELAWARE
Name:	Denville Scientific, Inc.
Street Address:	84 October Hill Road
City:	Holliston
State/Country:	MASSACHUSETTS
Postal Code:	01746
Entity Type:	Corporation: DELAWARE
Name:	Coulbourn Instruments, LLC
Street Address:	84 October Hill Road
City:	Holliston
State/Country:	MASSACHUSETTS
Postal Code:	01746
Entity Type:	Limited Liability Company: DELAWARE
	TRADEMARK

Name:	Triangle Biosystems, Inc.
Street Address:	2224 Page Road
Internal Address:	Suite 108
City:	Durham
State/Country:	NORTH CAROLINA
Postal Code:	27703
Entity Type:	Corporation: DELAWARE

PROPERTY NUMBERS Total: 39

Property Type	Number	Word Mark
Registration Number:	1994144	DYNA QUANT
Registration Number:	2663974	RUBY
Registration Number:	2574351	READY-TO-RUN
Registration Number:	1946172	HOEFER
Registration Number:	1425327	THE STURDIER
Registration Number:	3128076	CALIBER
Registration Number:	3259250	ULTIMA
Registration Number:	4398632	CENTRIFAN
Registration Number:	2313868	ENHANCER
Registration Number:	2493062	GENETRODES
Registration Number:	2223723	BTX
Registration Number:	0826093	СРК
Registration Number:	2433199	BIOCHROM
Registration Number:	1574413	STRONGHOLD
Registration Number:	3901596	BTXPRESS
Registration Number:	1869303	CMA/MICRODIALYSIS
Registration Number:	2273647	TRU SCAN
Registration Number:	4765382	НА
Registration Number:	4851881	НВ
Registration Number:	2547737	GRAPHIC STATE
Registration Number:	2925160	
Registration Number:	3048658	COULBOURN
Registration Number:	2970145	CI
Registration Number:	4461001	BIODROP SO SIMPLE, YOU'LL WONDER WHY NO-
Registration Number:	4461000	BIODROP
Registration Number:	3570673	NANOVUE
Registration Number:	4761064	SIMPLINANO
Registration Number:	4835210	CMA
Registration Number:	3827335	DENVILLE

Property Type	Number	Word Mark
Registration Number:	3799122	EZ RACK
Registration Number:	3799447	HYBLOT
Registration Number:	3799123	SHARP
Registration Number:	4157593	ADAGIO
Registration Number:	4157594	EZ PRO
Registration Number:	4058629	PHD ULTRA
Registration Number:	4159849	LEGATO
Registration Number:	4554285	CARDIOXPRESS
Registration Number:	4533206	STIMWARE
Registration Number:	4695392	TBSI

CORRESPONDENCE DATA

Fax Number: 2125935955

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.

Phone: 212-756-2132

Email: scott.kareff@srz.com

Correspondent Name: S. Kareff c/o Schulte Roth & Zabel LLP

Address Line 1: 919 Third Avenue

Address Line 2: 19th Floor

Address Line 4: New York, NEW YORK 10022

ATTORNEY DOCKET NUMBER:	014951-1776
NAME OF SUBMITTER:	Scott Kareff (014951-1776)
SIGNATURE:	/kc for sk/
DATE SIGNED:	01/23/2018

Total Attachments: 9

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RELEASE OF SECURITY INTEREST IN TRADEMARKS

This RELEASE OF SECURITY INTEREST IN TRADEMARKS is dated as of January 22, 2018, by BANK OF AMERICA, N.A., a national banking association, as administrative agent for the Secured Parties referred to in the Security Agreement referenced below (in such capacity, together with its successors and assigns in such capacity, the "Agent") in favor of the Grantors (as defined below).

WHEREAS, (a) Agent and (b) (i) HARVARD BIOSCIENCE, INC., a Delaware corporation, (ii) FKAUBI, INC., a Delaware corporation, (iii) FKA GSI US, INC., a Delaware corporation, (iv) CARTESIAN TECHNOLOGIES, INC., a Delaware corporation, (v) GENOMIC SOLUTIONS CANADA, INC., a Delaware corporation, (vi) HOEFER, INC., a Delaware corporation, (vii) KD SCIENTIFIC, INC., a Massachusetts corporation, (viii) BIOCHROM US, INC., a Delaware corporation, (ix) WARNER INSTRUMENTS LLC, a Delaware limited liability company, (x) DENVILLE SCIENTIFIC, INC., a Delaware corporation, (xi) COULBOURN INSTRUMENTS, LLC, a Delaware corporation, and (xii) TRIANGLE BIOSYSTEMS, INC., a Delaware corporation ((i) through (xii), each, a "Grantor" and together, the "Grantors", each of which is located at the address set forth on Schedule II attached hereto), entered into that certain (i) Security and Pledge Agreement dated March 29, 2013, as amended by that certain Joinder Agreement dated as of October 30, 2014, and as ratified by that certain Confirmation of Loan Documents dated as of May 1, 2017 (as amended, modified, extended, restated, replaced, or supplemented from time to time, the "Security Agreement"), and (ii) Notice of Grant of Security Interest in Trademarks executed in connection therewith (as amended, modified, extended, restated, replaced, or supplemented from time to time, the "Trademark Agreement", and together with the Security Agreement, the "Security Documents");

WHEREAS, the Security Documents granted Agent a security interest in, among other things, certain Trademarks, Trademark registrations and Trademark applications ("<u>Trademarks</u>"), including, without limitation, the Trademarks listed on <u>Schedule I</u> attached hereto as security for certain obligations of Grantors to Agent (the "<u>Obligations</u>");

WHEREAS, Agent recorded the Trademark Agreement on May 16, 2017 at Reel 6059, Frame 0328 with the United States Patent and Trademark Office:

WHEREAS, Grantor has requested that Agent release its security interests in the Trademarks listed on Schedule I hereto.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Agent hereby fully discharges, releases and terminates its security interests in and liens on the Trademarks listed on <u>Schedule I</u> hereto and any right, title or interest of the Agent in the foregoing under the Security Documents shall hereby cease and become void.

[Signature page follows]

IN WITNESS WHEREOF, Agent has caused this Release of Security Interest in Trademarks to be duly executed as of the day and year first above written.

BANK OF AMERICA, N.A., as Agent

Name: Charlene Wright-Jones

Title: Vice President

[Signature Page to Release of Security Interest in Trademarks]

Schedule I to Release of Security Interest in Trademarks

See attached.

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BIOCHROM	PHD ULTRA F	EZ PRO H	ADAGIO H				DENVILLE CAN		HE MOUSE		SIMPLINANO						BIODROP so simple, you'll wonder why			[Gerbil design]		HR LOGO	2	ODIALYSIS)[D	HROM			ĒS		FAN			THE STUBDIER -	0.102		QUANT	US TRADEMARKS
Biochrom Limited	Harvard Apparatus, Inc.	Harvard Apparatus, Inc.	Harvard Apparatus, Inc.	Denville Scientific, Inc.	Denville Scientific, Inc.	Denville Scientific, Inc.	Coulpourn Instruments, LLC	Coulbourn Instruments, LLC	Coulbourn Instruments, LLC	CMA Microdialysis AB	Biochrom Limited		Coulboum Instruments, LLC	Coulbourn Instruments, LLC	Coulbourn Instruments, LLC	oulbourn Instruments IIIC	HABVABD BIOSCIENCE, INC.	Coulbourn Instruments, LLC	HARVARD BIOSCIENCE, INC.		HARVARD BIOSCIENCE, INC.	HARVARD BIOSCIENCE, INC.	HARVARD BIOSCIENCE, INC.	HOEFEB. INC.	HOFFER INC	HORREB INC			HOEFER INC.	OWNER									
November 17, 2009 April 7, 2009	November 22, 2011	June 12, 2010	June 12, 2010	June 8, 2010	June 8, 2010	June 8, 2010	August 31, 1999	July 19, 2005	February 8, 2005	October 20, 2015	June 23, 2015	February 3, 2009	April 7, 2009	June 24, 2008	January 7, 2014	October 11, 2012	•	July 19, 2005	January 24, 2006	February 8, 2005	March 19, 2009	November 10, 2015	August 31, 1999	December 27, 1994	January 4, 2011	January 2, 1990	March 6, 2001	March 21, 1967	February 16, 1999	September 25, 2001	February 1, 2000	September 10, 2013	July 3, 2007	August 8, 2006	January 3, 1990	aniany 0 1006	Max 28 2002	August 13, 1996	REGISTRATION/ FILING DATE
ACTIVE ACTIVE	ACTIVE	ACTIVE	ACTIVE	ACTIVE	ACTIVE	ACTIVE	ACTIVE	LAPSED	LAPSED	ACTIVE	ACTIVE	ACTIVE	LAPSED	ACTIVE	ACTIVE			ACTIVE	ACTIVE	LAPSED	ACTIVE	ACTIVE	ACTIVE	LAPSED	ACTIVE	ACTIVE	ACTIVE	ACTIVE	ACTIVE	ACTIVE	ACTIVE	ACTIVE	ACTIVE	IAPSED	I APSED	ACTIVE CATOLO	AC IVE	ACTIVE	STATUS
3712169 3602685	4058629	4157594	4157593	3499123	3799447	3799122	22/364/	2970145	2925160	4835210	4761064	3570673	3602685	3454092	4461000	4461001		2970145	3048658	2925160	2547737	4/65382 4851881	22/364/ 476500	1869303	3901596	1574413	2433199	0826093	2223723	2493062	2313868	4398632	3.259.250	3 128 076	1 425 327	1 9/16 179	2,003,974	1,994,144	APPLICATION! REISTRATION NO.
OWNED OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED			OWNED	OWNED	OWNED	OWNED	OWNED	CWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED OR LICENSED

GENEQUANT	Biochrom Limited	June 24, 2008	ACTIVE	3454092	OWNED	
LEGATO	Harvard Apparatus, Inc.	June 19, 2012	ACTIVE	4159849	OWNED	
Cardio Xpress	Multi Channel Systems GMBH	June 24, 2014	ACTIVE	4554285	OWNED	
FOREIGN TRADEMARKS	OWN ER	REGISTRATION/ FILING DATE	STATUS	APPLICATION/ REISTRATION NO. (Filing office)	OWNED OR LICENSED	
HOEFER	HOEFER. INC.	December 14, 2004	ACTIVE	867301 (WIPO)	OWNED	
ULTIMA	HOEFER, INC.	April 19, 2006	LAPSED	885629 (WIPO)	OWNED	
HOEFER	HOEFER, INC.	March 13, 1996	ACTIVE	0594531 (BX)	OWNED	
HOEFER	HOEFER, INC.	March 1, 2006	APPLICATION	004197191 (Europe - OHIM)	OWNED	
HOEFER		October 18, 1996		VR 1996 05829 (Denmark)		
ISOPRIME	HOEFER, INC	March 7, 1997	LAPSED	322214 Sweden)	OWNED	

Biochrom Austria Biochrom Benelux Biochrom China Multiread China Multiread China Genequant Europe Ultrospec France Biochrom Germany Ultrospec Germany Biochrom Hungary Biochrom Spain Genequant Spain Multiread Spain Multiread Spain Multiread Spain Genequant Japan Multiread Japan Genequant Japan Genequant Japan Multiread Japan Genequant UK Genequant UK Multiread UK Novaspec UK Ultrospec UK Ultrospec UK Ultrospec UK SIMPLINANO	READY-TO-RUN HOEFER BioDrop (UK trademark)
HARVARD BIOSCIENCE, INC. Biochrom Limited HARVARD BIOSCIENCE, INC. Biochrom Limited HARVARD BIOSCIENCE, INC. Biochrom Limited	HOEFER, N.C.
11-Jul-1968 11-Jul-1968 19-Nov-2007 13-Dec-2007 03-Jul-2007 03-Jul-1968 02-Cc1-1981 11-Jul-1968 02-Jul-2007 13-Dec-2007 13-Dec-2007 13-Dec-2007 13-Dec-2007 13-Dec-2007 13-Dec-2007 13-Dec-2007 13-Dec-2007 27-Sep-1996 11-Jul-1968 18-May-2007 24-Dec-1992 03-Jul-2007 25-Jul-1984 30-Sep-1981 17-Mar-2014	May 25, 2001 August 30, 1996 January 10, 2005 December 14, 1999 December 1, 2005 March 31, 2005 March 18, 1996 July 16, 2008 December 22, 2004 December 23, 2004 August 14, 2002 May 17, 2000 May 17, 2000 April 26, 2002 March 6, 1998 October 22, 2004 October 22, 2004 October 22, 2004 October 2, 1997 August 11, 1997 February 3, 2012 May 30, 2012
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347130 347130 964706 952440 932355 306457 347130 1031403 347130 347130 347130 952440 347130 964706 932355 952440 1714199 347130 2456030 1522174 2460239 1223574 1162119	346492 (Sweden) 39612466.6 (Germany) 968461 (Mexico) TMA520533 (Canada) 1403064 (India) KOR248345 (Thailand) 704653 (Australia) 01317951 300342297 (Hong Kong) 723357 (New Zealand) TMA565778 (Canada) 001660141 (CTM EU) 2232634 (UK) TMA560898 (Canada) 4120690 (Japan) 410000392970000 (South Korea) 177091 (Israe) 40-03771440000 (Korea) 40-03771440000 (Korea) 40-0377273 (Korea) 2605308 EU 010924314
OWNUED	OWNNED OW

PANLAB	PULMODYN	PLUGSYS	HSE LOGO	HAEMODYN	HB LOGO	HA LOGO	BTX	BioDrop So simple you'll wonder why no-one	GeneQuant Nano	QuantiMate	EZNIN	вютоисн	FLUOVAC	WPA	Spectrawave	Libra	HB LOGO	HA LOGO	BTX	NANOVUE	NANOVUE	SIMPLINANO	SIMPLINANO	SIMPLINANO
Panlab, S.L.	Hugo Sachs Elektronik – Harvard 09-Sep-1992	Hugo Sachs Elektronik – Harvard Apparatus GmbH	Hugo Sachs Elektronik – Harvard 21-Jun-1995 Apparatus GmbH	Hugo Sachs Elektronik – Harvard 09-Sep-1992 Apparatus GmbH	HARVARD BIOSCIENCE, INC.	HARVARD BIOSCIENCE. INC.	HARVARD BIOSCIENCE. INC.	Biochrom Limited	Biochrom Limited	Biochrom Limited	Biochrom Limited	Biochrom Limited	Biochrom Limited	Biochrom Limited	Biochrom Limited	Biochrom Limited	HARVARD BIOSCIENCE, INC.	HARVARD BIOSCIENCE. INC.	HARVARD BIOSCIENCE, INC.	Biochrom Limited				
28-Jan-1991	d 09-Sep-1992	d 02-Apr-1992	d 21-Jun-1995	d 09-Sep-1992	28-Feb-2014	28-Feb-2014	17-Aug-1999	31-May-2012	13-Feb-2013	25-Oct-2013	3-Jan-2014	8-Mar-2012	29-Jan-2001	15-Jul-2002	15-Jul-2002	12-Mar-2003	21-Feb-2014	21-Feb-2014	09-Jun-1998	18-Sep-2008	28-Mar-2010	05-12-2014	08-Nov-2013	07-Nov-2013
Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active
566329	591984	586257	639389	591983	1208742	1210168		2623119	011571965	012256467	012475786	2613349	2291247	2305298	2305297	2295062	TMA925286	1664445	TMA495729	006480842	6424006	401073987		
OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED	OWNED

<u>Trademarks</u>

StimWare is Registered Trademark of Triangle BioSystems, Inc. (Registration No. 4533206)

TBSI Logo is approved for Trademark of Triangle BioSystems, Inc. (Registration No. 4695392)

Schedule II to Release of Security Interest in Trademarks

Addresses of the Grantors

- (i) HARVARD BIOSCIENCE, INC.: 84 October Hill Road, Holliston, MA 01746
- (ii) FKAUBI, INC.: 84 October Hill Road, Holliston, MA 01746
- (iii) FKA GSI US, INC.: 84 October Hill Road, Holliston, MA 01746
- (iv) CARTESIAN TECHNOLOGIES, INC.: 84 October Hill Road, Holliston, MA 01746
- (v) GENOMIC SOLUTIONS CANADA, INC.: 84 October Hill Road, Holliston, MA 01746
- (vi) HOEFER, INC.: 84 October Hill Road, Holliston, MA 01746
- (vii) KD SCIENTIFIC, INC.: 84 October Hill Road, Holliston, MA 01746
- (viii) BIOCHROM US, INC.: 84 October Hill Road, Holliston, MA 01746
- (ix) WARNER INSTRUMENTS LLC: 84 October Hill Road, Holliston, MA 01746
- (x) DENVILLE SCIENTIFIC, INC.: 84 October Hill Road, Holliston, MA 01746
- (xi) COULBOURN INSTRUMENTS, LLC: 84 October Hill Road, Holliston, MA 01746
- (xii) TRIANGLE BIOSYSTEMS, INC.: 2224 Page Road, Suite 108, Durham, NC 27703

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RECORDED: 01/23/2018