

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																														
NATURE OF CONVEYANCE:	SECURITY AGREEMENT																														
CONVEYING PARTY DATA																															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Venture Lending & Leasing V, Inc.</td> <td>07/26/2013</td> </tr> <tr> <td>Venture Lending & Leasing VI, Inc.</td> <td>07/26/2013</td> </tr> </tbody> </table>		Name	Execution Date	Venture Lending & Leasing V, Inc.	07/26/2013	Venture Lending & Leasing VI, Inc.	07/26/2013																								
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Venture Lending & Leasing VI, Inc.	07/26/2013																														
RECEIVING PARTY DATA																															
<table border="1"> <tr> <td>Name:</td> <td>Lehigh Technologies, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>120 Royal Woods Court SW</td> </tr> <tr> <td>City:</td> <td>Tucker</td> </tr> <tr> <td>State/Country:</td> <td>GEORGIA</td> </tr> <tr> <td>Postal Code:</td> <td>30084</td> </tr> </table>		Name:	Lehigh Technologies, Inc.	Street Address:	120 Royal Woods Court SW	City:	Tucker	State/Country:	GEORGIA	Postal Code:	30084																				
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PROPERTY NUMBERS Total: 21																															
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Application Number:	61494739
Application Number:	61525571
Application Number:	13315178
Application Number:	13492637
Application Number:	61705413
Application Number:	61721907
Application Number:	61763205

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	23218-74495
NAME OF SUBMITTER:	Daniel E. Sineway
Signature:	/Daniel E. Sineway/
Date:	08/05/2013

Total Attachments: 11

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT, dated as of July 26, 2013 (the "Agreement") between TRINITY CAPITAL FUND II, L.P. ("Lender") and Lehigh Technologies Inc., a Delaware corporation ("Grantor") is made with reference to the Master Loan and Security Agreement, dated as of July 26, 2013 (as amended from time to time, the "Loan Agreement"), between Lender and Grantor. Terms defined in the Loan Agreement have the same meaning when used in this Agreement.

For good and valuable consideration, receipt of which is hereby acknowledged, Grantor hereby covenants and agrees as follows:

To secure the Obligations under the Loan Agreement, Grantor grants to Lender a security interest in all right, title, and interest of Grantor in any of the following, whether now existing or hereafter acquired or created in any and all of the following property (collectively, the "Intellectual Property Collateral"):

(a) copyright rights, copyright applications, copyright registrations and like protections in each work or authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held (collectively, the "Copyrights"), including the Copyrights described in Exhibit A;

(b) trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Borrower connected with and symbolized by such trademarks (collectively, the "Trademarks"), including the Trademarks described in Exhibit B;

(c) patents, patent applications and like protections including without limitation improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same (collectively, the "Patents"), including the Patents described in Exhibit C;

(d) mask work or similar rights available for the protection of semiconductor chips or other products (collectively, the "Mask Works");

(e) trade secrets, and any and all intellectual property rights in computer software and computer software products;

(f) design rights;

(g) claims for damages by way of past, present and future infringement of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works, and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) amendments, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

The rights and remedies of Lender with respect to the security interests granted hereunder are in addition to those set forth in the Loan Agreement, and those which are now or hereafter available to Lender as a matter of law or equity. Each right, power and remedy of Lender provided for herein or in the Loan Agreement, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein, and the exercise by Lender of any one or more of such rights, powers or remedies does not preclude the simultaneous or later exercise by Lender of any other rights, powers or remedies.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

GRANTOR:

LEHIGH TECHNOLOGIES, INC.

By: 

Name: Jeff Schramm

Title: CFO

Address for Notices:

120 Royal Woods Court SW
Tucker, GA 30084

Attn: Dr. Alan Barton, CEO and Jeff Schramm, CFO

FAX: (678) 495-2201

LENDER:

TRINITY CAPITAL FUND II, L.P.

By: Trinity SBIC Partners II, LLC, Its General Partner

By: Trinity SBIC Management, Inc., Its Manager

By: 

Name: Steven L. Brown

Title: President

Address for Notices:

2121 West Chandler Boulevard, Suite 103
Chandler, Arizona 85224

Attn: Steve L. Brown

EXHIBIT A

COPYRIGHTS

Please Check if No Copyrights Exist ☒ X

EXHIBIT B
TRADEMARKS

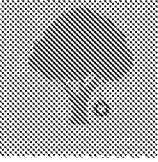
Trademark	U.S. Registration / Application Number	Registration / Application Date
LEHIGH TECHNOLOGIES	Reg. No. 3,988,256	07/05/2011
MICRODYNE	Reg. No. 4,179,740	07/24/2012
POLYDYNE	Reg. No. 3,296,561	09/25/2007
POLYDYNE-HL10	Serial No. 85/727,468	09/12/2012
	Serial No. 85/608,911	04/26/2012

EXHIBIT C

PATENTS

Invention Title	Country	Patent/ Application Number	Issue/Filing /Priority Date	Status
PROCESS AND APPARATUS FOR MAKING CRUMB RUBBER FROM VEHICLE TIRES	US	5,588,600 08/484,233	12/31/1996 6/7/1995	Issued
PROCESS AND APPARATUS FOR MANUFACTURING POWDER RUBBER	US	7,093,781 10/973,848	8/22/2006 10/26/2004	Issued
PROCESS AND APPARATUS FOR COMMUNUTING PARTICLE RUBBER	US	7,108,207 10/973,847	9/19/2006 10/26/2004	Issued
PROCESS AND APPARATUS FOR COMMUNUTING PHYTOSTEROL PARTICLES	US	7,258,288 11/201,597	8/21/2007 8/10/2005	Issued
PROCESS AND APPARATUS FOR MANUFACTURING CRUMB AND POWDER RUBBER	US	7,445,170 10/714,782	11/4/2008 11/17/2003	Issued
PROCESS AND APPARATUS FOR MANUFACTURING CRUMB AND POWDER RUBBER	EP	EP1685163 04811148.8	1/5/2011 11/16/2004	Issued
PROCESS AND APPARATUS FOR MANUFACTURING CRUMB AND POWDER RUBBER (DIV)	EP	10185855.3 (div. of 04811148.8)	11/17/2004 11/17/2003	Pending
PROCESS AND APPARATUS FOR MANUFACTURING CRUMB AND POWDER RUBBER (DIV)	AU	2010249193 (div. of 20040290694)	2/23/2012 10/16/2010	Issued

Invention Title	Country	Patent/ Application Number	Issue/Filing /Priority Date	Status
PROCESS AND APPARATUS FOR MANUFACTURING CRUMB AND POWDER RUBBER	BR	PI10416626	11/16/2004	Pending
PROCESS AND APPARATUS FOR MANUFACTURING CRUMB AND POWDER RUBBER	CA	2,546,298	11/16/2004	Allowed
PROCESS AND APPARATUS FOR MANUFACTURING CRUMB AND POWDER RUBBER	HK	07107865.0 1103684A	7/20/2007 11/17/2003	Pending
PROCESS AND APPARATUS FOR MANUFACTURING CRUMB AND POWDER RUBBER	IN	1474KOLNP2006 236077	9/22/2009 11/16/2004	Issued
PROCESS AND APPARATUS FOR MANUFACTURING CRUMB AND POWDER RUBBER	ID	W-00-2006 01488	7/25/2011 11/16/2004	Issued
PROCESS AND APPARATUS FOR MANUFACTURING CRUMB AND POWDER RUBBER	IL	W-00175722	3/30/2012 11/16/2004 11/16/2003	Issued
PROCESS AND APPARATUS FOR MANUFACTURING CRUMB AND POWDER RUBBER	KR	7011854/2006 KR20060109938	11/16/2004	Allowed
PROCESS AND APPARATUS FOR MANUFACTURING CRUMB AND POWDER RUBBER	PH	1-2006-500982	6/15/2010 11/16/2004	Issued
PROCESS AND APPARATUS FOR MANUFACTURING CRUMB AND POWDER RUBBER	SG	200603255-1 122406	2/29/2008 11/16/2004	Issued

Invention Title	Country	Patent/ Application Number	Issue/Filing /Priority Date	Status
PROCESS AND APPARATUS FOR MANUFACTURING CRUMB AND POWDER RUBBER	JP	2006-541318 2007511265	5/17/2006 11/16/2004	Published
CONICAL SHAPED IMPACT MILL	PCT	PCT/US09/48631 WO2009158482	6/25/2009	Expired
CONICAL SHAPED IMPACT MILL	PCT	PCT/US08/02939 WO/2008/123910	3/25/2008	Expired
CONICAL SHAPED IMPACT MILL	CA	2682728	3/5/2008	Pending
CONICAL SHAPED IMPACT MILL	BR	PI0809965-0	3/5/2008	Published
CONICAL SHAPED IMPACT MILL	AU	20082336851 AU2008236851	3/5/2008	Pending
CONICAL SHAPED IMPACT MILL	CN	ZL200880016066.2 200880016066.2	3/5/2008	Issued
CONICAL SHAPED IMPACT MILL	JP	2010-502076	10/2/2009 3/5/2008	Pending
CONICAL SHAPED IMPACT MILL	MX	301312 MX/a/2009/010770	7/10/2012 3/5/2008 4/5/2007	Issued
CONICAL SHAPED IMPACT MILL	EP	08726465.1 2139603	3/5/2008	Published
CONICAL SHAPED IMPACT MILL	US	7,900,860 11/784,032	3/8/2011 4/5/2007	Issued
CONICAL SHAPED IMPACT MILL (CIP OF 11/784,032)	US	7,861,958 12/146,138	1/4/2011 6/25/2008	Issued
RUBBER COMPOSITIONS AND METHODS FOR DETERMINING OPTIMIZED COMPOSITIONS BASED ON SURFACE AREA OF RUBBER PARTICLES	US	61/420,858	12/8/2010	Expired
VORTEX MILL	DE	19603627 19603627.5-09	4/23/1998 2/1/1996	Issued

Invention Title	Country	Patent/ Application Number	Issue/Filing /Priority Date	Status
VORTEX MILL (FILED IN AT, ES, FR, GB, IT)	EP	0 787 528 B1	7/14/1999 12/10/1996 2/1/1996	Issued
APPARATUS FOR CRUSHING BULK MATERIAL	DE	101 16 483 A1 20106287.9	8/17/2006 4/3/2001	Issued
APPARATUS FOR CRUSHING BULK MATERIAL (FILED IN AT, DE, IT)	EP	1247582	7/10/2013 4/3/2001	Published
SEPARATION OF MINERALS	DE	10 2006 001 937.7	1/14/2006	Abandoned
SEPARATION OF MINERALS	EP	EP 1808231 07000053.4-2316	1/14/2006	Published
WHIRLPOOL MILL AND GRINDING TOOL AND GRINDING RING FOR SAME	DE	102007051393.5-2	10/10/2007	Published
WHIRLPOOL MILL AND GRINDING TOOL AND GRINDING RING FOR SAME	EP	08018640	10/24/2008	Pending
EDDY CURRENT MILL	DE	102007057565	11/28/2007	Pending
EDDY CURRENT MILL	DE	102007060072	12/13/2007	Pending
ELASTOMERIC COMPOSITIONS COMPRISING RECLAIMED VULCANIZED ELASTOMER PARTICLES OF BROAD SIZE DISTRIBUTION AND CHEMICALLY MODIFIED VULCANIZED ELASTOMER PARTICLES	PCT	PCT/US12/41727	6/8/2012 6/8/2011	Pending
CONICAL-SHAPED IMPACT MILL	AU	2009262165	6/25/2009	Pending
VORTEX MILL	AT	ATE182088 19960119732T	7/14/1999 12/10/1996	Issued

Invention Title	Country	Patent/ Application Number	Issue/Filing /Priority Date	Status
CONICAL-SHAPED IMPACT MILL	BR	PI0914423-4	6/25/2009	Pending
CONICAL-SHAPED IMPACT MILL	CA	2,728,783	6/25/2009	Pending
CONICAL-SHAPED IMPACT MILL	CN	200980123879.6	12/23/2010	Published
PROCESS AND APPARATUS FOR MANUFACTURING CRUMB AND POWDER RUBBER	CN	201110119539.5	4/29/2011	Published
CONICAL-SHAPED IMPACT MILL	EP	09771014.9	6/25/2009	Pending
PROCESS AND APPARATUS FOR MANUFACTURING CRUMB AND POWDER RUBBER	FR	04811148.8	11/16/2004	Issued
VORTEX MILL	FR	96119732.4	12/10/1996	Issued
PROCESS AND APPARATUS FOR MANUFACTURING CRUMB AND POWDER RUBBER	DE	04811148.8	11/16/2004	Issued
CONICAL-SHAPED IMPACT MILL	IN	4899/KOLNP/2010	6/25/2009 6/25/2008	Pending
PROCESS AND APPARATUS FOR MANUFACTURING CRUMB AND POWDER RUBBER	IT	04811148.8	11/16/2004	Issued
VORTEX MILL	IT	96119732.4	12/10/1996 2/1/1996	Issued
CONICAL-SHAPED IMPACT MILL	JP	2011516654	12/24/2010	Published
CONICAL-SHAPED IMPACT MILL	MY	PI201006177	12/23/2010	Pending
CONICAL-SHAPED IMPACT MILL	MX	MX/a/2010/014548	12/21/2010	Pending
CONICAL-SHAPED IMPACT MILL	KR	10/2011-7001828	1/24/2011	Pending

Invention Title	Country	Patent/ Application Number	Issue/Filing /Priority Date	Status
PROCESS AND APPARATUS FOR MANUFACTURING CRUMB AND POWDER RUBBER	ES	1685163 04811148.8	11/16/2004 1/5/2011	Issued
VORTEX MILL	ES	0787528 96119732.4	7/14/1999 2/1/1996	Issued
PROCESS AND APPARATUS FOR MANUFACTURING CRUMB AND POWDER RUBBER	GB	1685163 04811148.8	11/16/2004 1/5/2011	Issued
VORTEX MILL	GB	0787528 96119732.4	7/14/1999 12/10/1996 2/1/1996	Issued
CONICAL-SHAPED IMPACT MILL	US	8,302,892 12/983,790	11/6/2012 1/3/2011	Issued
CONICAL-SHAPED IMPACT MILL	US	8,302,893 12/983,805	11/6/2012 1/3/2011	Issued
CONICAL-SHAPED IMPACT MILL	US	8,132,751 12/983,818	3/13/2012 1/3/2011	Issued
RUBBER COMPOSITIONS INCLUDING MICRONIZED RUBBER POWDER HAVING BROAD PARTICLE SIZE DISTRIBUTION	US	61/494,739	6/8/2011	Expired
RUBBER COMPOUNDS INCLUDING BOTH FUNCTIONALIZED AND NON-FUNCTIONALIZED MICRONIZED RUBBER POWDERS	US	61/525,571	8/19/2011	Expired
RUBBER COMPOSITIONS AND METHODS FOR DETERMINING OPTIMIZED COMPOSITIONS BASED ON SURFACE AREA OF RUBBER PARTICLES	US	13/315,178	12/8/2011	Pending

Invention Title	Country	Patent/ Application Number	Issue/Filing /Priority Date	Status
ELASTOMERIC COMPOSITIONS COMPRISING RECLAIMED VULCANIZED ELASTOMER PARTICLES OF BROAD SIZE DISTRIBUTION AND CHEMICALLY MODIFIED VULCANIZED ELASTOMER PARTICLES	US	13/492,637	6/8/2012	Pending
ELASTOMERIC COMPOSITIONS COMPRISING RECLAIMED VULCANIZED ELASTOMER PARTICLES AND IMPROVED METHODS OF MANUFACTURE THEREOF	US	61/705,413	9/25/2012	Pending
ELASTOMERIC COMPOSITIONS COMPRISING FUNCTIONALIZED RECLAIMED ELASTOMER PARTICLES	US	61/721,907	11/2/2012	Pending
ELASTOMERIC COMPOSITIONS COMPRISING RECLAIMED ELASTOMER PARTICLES	US	61/763,205	2/11/2013	Pending