

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3179241

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	SECURITY INTEREST	
CONVEYING PARTY DATA		
Name		Execution Date
AVANTECH, INC.		11/14/2014
RECEIVING PARTY DATA		
Name:	DIVERSIFIED TECHNOLOGIES SERVICES, INC.	
Street Address:	2680 WESTCOTT BLVD.	
City:	KNOXVILLE	
State/Country:	TENNESSEE	
Postal Code:	37931-3111	
PROPERTY NUMBERS Total: 26		
Property Type	Number	
Application Number:	60580420	
Application Number:	11156268	
Application Number:	61568372	
Application Number:	61623240	
Application Number:	13862009	
Application Number:	13621897	
Application Number:	13667483	
Application Number:	61788230	
Application Number:	14153277	
Application Number:	14153291	
Application Number:	12576178	
Application Number:	11636847	
Application Number:	13441834	
Application Number:	13468034	
Application Number:	13820145	
Application Number:	13900548	
Application Number:	14003795	
Application Number:	61393804	
Application Number:	61438249	
Application Number:	61450609	

Property Type	Number
Application Number:	61473020
Application Number:	61678095
Application Number:	61990513
Application Number:	11211027
Application Number:	11648819
Application Number:	14274717

CORRESPONDENCE DATA

Fax Number: (423)785-8480

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: 4237858295

Email: pliner@millermartin.com

Correspondent Name: PATRICIA P. LINER

Address Line 1: 832 GEORGIA AVENUE

Address Line 2: SUITE 1000 VOLUNTEER BUILDING

Address Line 4: CHATTANOOGA, TENNESSEE 37402-2289

ATTORNEY DOCKET NUMBER: 26087-0003

NAME OF SUBMITTER: PATRICIA P. LINER

SIGNATURE: /Patricia P. Liner/

DATE SIGNED: 01/12/2015

Total Attachments: 3

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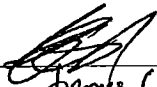
MEMORANDUM OF SECURITY AGREEMENT

(PATENTS)

Pursuant to a Security Agreement of even date herewith (the "Security Agreement"), Avantech, Inc., a South Carolina corporation (the "Pledgor"), has granted to Diversified Technologies Services, Inc., a Virginia corporation (the "Secured Party"), a continuing security interest in, and a continuing lien upon, the Collateral (as that term is defined in the Security Agreement), including the patents listed on the annexed Schedule 1, and all applications, registrations, renewals and proceeds (including accounts receivable and royalties) thereof (the "Patents"), together with the goodwill of the business connected with the use of the Patents. The Secured Party's security interest in the Patents can be terminated only in accordance with the terms of the Security Agreement.

Dated: November 14, 2014

AVANTECH, INC., a South Carolina corporation

By: 
Name: James C. Braun
Title: President & CEO

Schedule 1

Record Owner	Filing Jurisdiction	Application No.	Publication No.	Patent No.	Issue Date (or Application Date if not Issued)
Pledgor	US	60/580420			6/17/2004
Pledgor	US	11/156268			6/17/2005
Pledgor & Shaw Global Services LLC	US	61/568372			12/8/2011
Pledgor	US	61/623240			4/12/2012
Pledgor	US	13/862009			4/12/2013
Pledgor	US	13/621897	20140076808		9/18/2012
Pledgor & Shaw Global Services LLC	US	13/667483	20130161260		11/02/2012
Pledgor & Shaw Global Services LLC	PCT	PCT/US2012/063302	WO 13/085644		11/02/2012
Pledgor & Shaw Global Services LLC	EU	EP20120856076	EP 2788292		11/02/2012
Pledgor & Shaw Global Services LLC	South Korea	KR20147018845	KR20140113669		11/02/2012
Pledgor	US	61/788230			3/15/2013
Pledgor	US	14/153277	20140263073		1/13/2014
Pledgor	US	14/153291	20140263008		1/13/2014
Pledgor	PCT	PCT/US2014/025322	WO 14/151268		3/13/2014
Pledgor	US	12576178	20100020915	7708890	5/4/2010
Pledgor	US	11636847	20080135479	7645387	1/12/2010
Pledgor	US	13441834	20120305458		4/6/2012
Pledgor	US	13468034	20120273418		5/10/2012
Pledgor	US	13820145	20130153473	8753518	6/17/2014
Pledgor	US	13900548			5/23/2013

Pledgor	US	14003795	20130345488			3/24/2012
Pledgor	US	61393804				10/15/2010
Pledgor	US	61438249				1/31/2011
Pledgor	US	61450609				3/8/2011
Pledgor	US	61473020				4/7/2011
Pledgor	US	61678095				7/3/2012
Pledgor	US	61990513				5/8/2014
Pledgor	US	11211027	Reissue of 6755977 (Pub. No. 20080234225)	RE40943		10/27/2009
Pledgor	US	11648819	20100069700	8114004		2/14/2012
Pledgor	US	14274717				5/10/2014
Pledgor	PCT	PCT/US11/053185	WO 2012/050802	N/A		9/25/2011
Pledgor	PCT	PCT/US12/023051	WO 2012/106217	N/A		1/28/2012
Pledgor	PCT	PCT/US12/027647	WO 2012/122071	N/A		3/4/2012
Pledgor	EP	EP20110832996	EP2593191			9/25/2011
Pledgor	EP	EP20120742125	EP2670712			1/28/2012
Pledgor	CN	CN2011841888	CN103108677			9/25/2011
Pledgor	CN	CN2012811517	CN103402923			5/10/2012
Pledgor	RU	RU2013116933				9/25/2011