

**TRADEMARK ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Security Agreement

**CONVEYING PARTY DATA**

Name	Formerly	Execution Date	Entity Type
PULSE ENGINEERING, INC.		03/20/2009	CORPORATION: DELAWARE
TECHNITROL, INC.		03/20/2009	CORPORATION: PENNSYLVANIA
AMI DODUCO, INC.		03/20/2009	CORPORATION: PENNSYLVANIA
TECHNITROL DELAWARE, INC.		03/20/2009	CORPORATION: DELAWARE

**RECEIVING PARTY DATA**

<b>Name:</b>	JPMorgan Chase Bank, N.A., as Administrative Agent
<b>Street Address:</b>	P.O. Box 258
<b>City:</b>	Houston
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77252
<b>Entity Type:</b>	National Association: UNITED STATES

**PROPERTY NUMBERS Total: 17**

Property Type	Number	Word Mark
Registration Number:	2621045	TECHNITROL
Registration Number:	2441051	COMPONENTS FOR A MODERN WORLD
Registration Number:	1921738	COPPERHEAD
Registration Number:	2902945	ANTENNA SOURCEBOOK
Registration Number:	2080733	
Registration Number:	1163486	KULDUCKIE
Registration Number:	1562026	KULGLASS
Registration Number:	1002640	KULROD
Registration Number:	1199867	LARSEN
Registration Number:	1121359	LARSEN
Registration Number:	2787947	PULSE

OP \$440.00 2621045

Registration Number:	1568116	PULSE
Registration Number:	1518684	PULSE ENGINEERING
Registration Number:	2451407	PULSEJACK
Registration Number:	2334506	SPOTS!
Registration Number:	1803124	VALOR
Registration Number:	1463364	

**CORRESPONDENCE DATA**

Fax Number: (866)826-5420  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
Phone: 3016380511  
Email: ipresearchplus@comcast.net  
Correspondent Name: IP Research Plus, Inc.  
Address Line 1: 21 Tadcaster Circle  
Address Line 2: Attn: Penelope J.A. Agodoa  
Address Line 4: Waldorf, MARYLAND 20602

ATTORNEY DOCKET NUMBER:	34261
NAME OF SUBMITTER:	Penelope J.A. Agodoa
Signature:	/pja/
Date:	04/10/2009

Total Attachments: 14  
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AMENDED AND RESTATED PATENT AND TRADEMARK SECURITY AGREEMENT dated as of March 20, 2009 (this "Agreement"), among Technitrol, Inc. (the "Company"), the Subsidiaries party hereto (the "Subsidiary Grantors" and, collectively with the Borrower, the "Grantors") and JPMORGAN CHASE BANK, N.A. ("JPMCB"), as Administrative Agent.

Reference is made to (a) the Patent and Trademark Security Agreement dated as of March 4, 2009, among the Company, the Subsidiaries of the Company party thereto and JPMCB, as Administrative Agent, as amended and restated in its entirety by this Agreement, (b) the Credit Agreement dated as of February 28, 2008, as amended and restated as of February 19, 2009 (as amended, supplemented or otherwise modified from time to time, the "Credit Agreement"), among the Company, the Lenders party thereto and JPMCB, as Administrative Agent, the Swing Line Lender and an L/C Issuer, and (c) the Domestic Collateral Agreement dated as of February 19, 2009 (as amended, supplemented or otherwise modified from time to time, the "Domestic Collateral Agreement"), among the Company, the Subsidiaries of the Company party thereto and JPMCB, as Administrative Agent (the "Administrative Agent"). The Lenders have heretofore extended credit to the Borrowers under the Credit Agreement, and the Lenders and the L/C Issuers have agreed to extend additional credit to the Borrowers under the Credit Agreement. The Grantors have entered into this Agreement in order to induce the Lenders and the L/C Issuers to make certain accommodations under the Credit Agreement and to continue to extend credit to the Borrowers. The obligation of the Lenders and the L/C Issuers to make such accommodations, and to continue to extend such credit, are conditioned upon, among other things, the execution and delivery of this Agreement. The Subsidiary Grantors are or are Affiliates of the Borrowers, will derive substantial benefits from such accommodations under the Credit Agreement and the extension of credit to the Borrowers pursuant to the Credit Agreement and are willing to execute and deliver this Agreement in order to induce the Lenders and the L/C Issuers to make additional extensions of credit under the Credit Agreement and as consideration for such extensions of credit and other accommodations under the Credit Agreement previously made. Accordingly, the parties hereto agree as follows:

SECTION 1. Defined Terms. Capitalized terms used in this Agreement and not otherwise defined herein have the meanings specified in the Domestic Collateral Agreement. The rules of construction specified in Section 1.02 of the Credit Agreement also apply to this Agreement, mutatis mutandis.

SECTION 2. Grant of Security Interest. As security for the payment or performance, as the case may be, in full of the Secured Obligations, each of the Grantors, pursuant to the Domestic Collateral Agreement, did and hereby does grant to the Administrative Agent, its successors and permitted assigns, for the benefit of the Secured Parties, a security interest in, all right, title and interest in and to any and all of the following assets and properties now owned or at any time hereafter acquired by such

Grantor or in which such Grantor now has or at any time in the future may acquire any right, title or interest (collectively, the "Patent and Trademark Collateral"):

(a) all letters patent of the United States, all registrations and recordings thereof, and all applications for letters patent of the United States, including registrations, recordings and pending applications in the United States Patent and Trademark Office, including those registered Patents (as defined in the Domestic Collateral Agreement) and Patent applications listed on Schedule I (the "Patents");

(b) all reissues, continuations, divisions, continuations-in-part, renewals or extensions thereof, and the inventions disclosed or claimed therein, including the right to make, use and/or sell the inventions disclosed or claimed therein;

(c) all trademarks, service marks, trade names, corporate names, company names, business names, fictitious business names, trade styles, trade dress, logos, other source or business identifiers, designs and general intangibles of like nature, now existing or hereafter adopted or acquired, all registrations and recordings thereof, and all registration and recording applications filed in connection therewith, including registrations and registration applications in the United States Patent and Trademark Office or any similar offices in any State of the United States, and all extensions, or renewals thereof, including those United States registered Trademarks (as defined in the Domestic Collateral Agreement) and Trademark applications listed on Schedule II (the "Trademarks");

(d) all goodwill associated with the Trademarks or symbolized thereby; and

(e) all other assets, rights and interests that uniquely reflect or embody such goodwill.

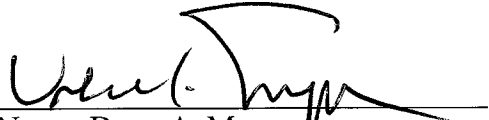
SECTION 3. Domestic Collateral Agreement. The security interests granted to the Administrative Agent herein are granted in furtherance, and not in limitation of, the security interests granted to the Administrative Agent pursuant to the Domestic Collateral Agreement. Each Grantor hereby acknowledges and affirms that the rights and remedies of the Administrative Agent with respect to the Patent and Trademark Collateral are more fully set forth in the Domestic Collateral Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the Domestic Collateral Agreement, the terms of the Domestic Collateral Agreement shall govern.

SECTION 4. Governing Law. This Agreement shall be construed in accordance with and governed by the law of the State of New York.

IN WITNESS WHEREOF, the parties hereto have duly executed this Patent and Trademark Security Agreement as of the day and year first above written.


TECHNITROL, INC.

By

  
Name: Drew A. Moyer  
Title: Sr. Vice President & CFO

AMI DODUCO, INC.

By

  
Name: Drew A. Moyer  
Title: Chief Executive Officer

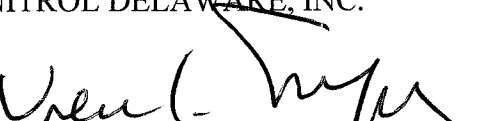
PULSE ENGINEERING, INC.

By

  
Name: Drew A. Moyer  
Title: Secretary & Treasurer

TECHNITROL DELAWARE, INC.

By

  
Name: Drew A. Moyer  
Title: President

JPMORGAN CHASE BANK, N.A., as  
Administrative Agent, on behalf of itself and  
the other Secured Parties,

By



Name:

Title:

Deborah R. Winkler  
Vice President

## Schedule I

### Patents

<u>Patent or Application #</u>	<u>Owner of Patent</u>	<u>Patent Grant Date</u>	<u>Patent Expiration Date</u>
5,015,981	Pulse Engineering, Inc.	5/14/1991	8/21/2010
5,032,953	Pulse Engineering, Inc.	7/16/1991	8/15/2010
5,212,345	Pulse Engineering, Inc.	5/18/1993	1/24/2012
5,262,745	Pulse Engineering, Inc.	11/16/1993	1/27/2012
5,455,741	Pulse Engineering, Inc.	None	None
5,973,932	Pulse Engineering, Inc.	None	None
5,986,894	Pulse Engineering, Inc.	None	None
6,005,463	Pulse Engineering, Inc.	12/21/1999	1/30/2017
6,116,963	Pulse Engineering, Inc.	None	None
6,176,741	Pulse Engineering, Inc.	None	None
6,224,425	Pulse Engineering, Inc.	None	None
6,225,560	Pulse Engineering, Inc.	5/1/2001	11/25/2017
6,325,664	Pulse Engineering, Inc.	None	None
6,395,983	Pulse Engineering, Inc.	5/28/2002	5/18/2019
6,409,548	Pulse Engineering, Inc.	6/25/2002	11/20/2020
6,471,551	Pulse Engineering, Inc.	10/29/2002	3/30/2020
6,512,175	Pulse Engineering, Inc.	1/28/2003	5/18/2019
6,585,540	Pulse Engineering, Inc.	7/1/2003	12/6/2020

6,593,840	Pulse Engineering, Inc.	None	None
6,691,398	Pulse Engineering, Inc.	2/17/2004	5/18/2019
6,769,936	Pulse Engineering, Inc.	8/3/2004	5/6/2022
6,773,302	Pulse Engineering, Inc.	8/10/2004	3/16/2021
6,848,943	Pulse Engineering, Inc.	None	None
6,877,211	Pulse Engineering, Inc.	4/12/2005	11/22/2019
6,878,012	Pulse Engineering, Inc.	4/12/2005	12/6/2020
6,912,781	Pulse Engineering, Inc.	None	None
6,962,511	Pulse Engineering, Inc.	11/8/2005	3/16/2021
7,241,181	Pulse Engineering, Inc.	7/10/2007	6/29/2024
7,367,851	Pulse Engineering, Inc.	5/6/2008	6/29/2024
11/387,226	Pulse Engineering, Inc.		
11/436,283	Pulse Engineering, Inc.		
11/399,002	Pulse Engineering, Inc.		
11/906,413	Pulse Engineering, Inc.		
11/985,156	Pulse Engineering, Inc.		
12/074,131	Pulse Engineering, Inc.		
12/074,112	Pulse Engineering, Inc.		
61/133,782	Pulse Engineering, Inc.		
61/135,243	Pulse Engineering, Inc.		




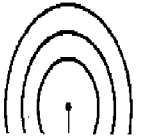
5,212,345	Pulse Engineering, Inc.	5/18/1993	1/24/2012
5,253,145	Pulse Engineering, Inc.	10/12/1993	1/24/2012
5,309,130	Pulse Engineering, Inc.	5/03/1994	10/26/2012
6,590,469	Pulse Engineering, Inc.	7/08/2003	10/27/2019
6,420,953	Pulse Engineering, Inc.	7/16/2002	12/11/2020
10/990,915	Pulse Engineering, Inc.	Pending	Pending
11/213,461	Pulse Engineering, Inc.	Pending	Pending
11/827,861	Pulse Engineering, Inc.	Pending	Pending
5600333	Pulse Engineering, Inc.	February 4th, 1997	January 26th, 2015
6509878	Pulse Engineering, Inc.	January 21st, 2003	Renewal July 21st, 2010 Expires April 2nd, 2021
7202826	Pulse Engineering, Inc.	April 10th, 2007	Renewal October 10th, 2010 Expires Dec 24th, 2023
5898408	Pulse Engineering, Inc.	April 27th, 1999	Renewal October 27th, 2010; Expires Oct 24th, 2016
6747603	Pulse Engineering, Inc.	June 8th, 2004	Renewal on Dec 8th, 2011; Expires May 3rd, 2021
RE40,020	Pulse Engineering, Inc.	1/22/2008	11/19/2018
US: 09/975,142 7003102 (Granted) Taiwan: 91123222 207233 (Granted)	Pulse Engineering, Inc.	2/21/2006	10/10/2021
PCT/US01/45568 EP144821 (EPO granted), France, Gr Brit both	Pulse Engineering, Inc.	TBD	TBD

(Abandoned). Australia 2002249788 (Abandoned) China 01823787.8 (Abandoned) Japan 2003-546557 (pending)			
US 10/000,877 7,057,486 (granted) Canada 2,466,706 (Abandoned) China ZL02823874.5 (Abandoned) Japan 2003-544773 (Abandoned)	Pulse Engineering, Inc.	6/6/2006	11/14/2021
US 10/381,062 7009482(granted) PCT pending EPO pending, others Abandoned	Pulse Engineering, Inc.	3/7/2006	9/17/2022
US CONTINUATION #1 7,109,837	Pulse Engineering, Inc.	9/19/2006	9/17/2022
US 6,188,750 (granted)	Pulse Engineering, Inc.	2/13/2001	11/19/2018
US 6,212,259 (Abandoned) RE40020 Canada 2,314,052 (pending) China 00131785.7 (pending)	Pulse Engineering, Inc.	4/3/2001	11/19/2018
US '6,404,347 (Granted)	Pulse Engineering, Inc.	6/11/2002	5/4/2021
US '6,472,992 (granted)	Pulse Engineering, Inc.	10/29/2002	5/4/2021
US 5952907 (Granted)	Pulse Engineering, Inc.	9/14/1999	4/7/2017
US 6,223,419	Pulse Engineering, Inc.	5/1/2001	2/11/2017
6,593,840	Pulse Engineering, Inc.	7/15/2003	1/31/2020
6,912,781	Pulse Engineering, Inc.	7/5/2005	1/31/2020

09/661,628 US & TW 6,642,827	Pulse Engineering, Inc.	11/4/2003	9/13/2020
10/096,605 US 7,110,931	Pulse Engineering, Inc.	9/19/2006	3/12/2021
29/141,570 US D465205	Pulse Engineering, Inc.	11/5/2002	5/9/2021
29/177,597 D485,536	Pulse Engineering, Inc.	1/20/2004	3/10/2023
29/177,596 USD487,255	Pulse Engineering, Inc.	3/2/2004	3/10/2023
6,590,469	Pulse Engineering, Inc.	7/08/2003	10/27/2019
5,258,052	AMI Doduco, Inc.	11/2/1993	


## Schedule II

### Trademarks

<u>Mark</u>	<u>Registered Owner</u>	<u>Country</u>	<u>Serial No. or Application No.</u>	<u>File Date</u>	<u>Reg. No.</u>	<u>Reg. Date</u>
TECHNITROL	Technitrol, Inc.	US	76325950	17-Oct-2001	2621045	17-Sep-2002
COMPONENTS FOR A MODERN WORLD	Technitrol, Inc.	US	76038699	02-May-2000	2441051	03-Apr-2001
COPPERHEAD	Technitrol Delaware, Inc.	US	74576554	21-Sep-1994	1921738	26-Sep-1995
ANTENNA SOURCEBOOK	Pulse Engineering, Inc.	USA	76/546810	09-Sep-2003	2902945	16-Nov-2004
	Pulse Engineering, Inc.	China	3332174	10-Oct-2002	3332174	28-Oct-2003
	Pulse Engineering, Inc.	USA	75/011958	30-Oct-1995	2080733	22-Jul-1997

<b>KÜLDUCKIE</b>	Pulse Engineering, Inc.	USA	73/204082	16-Feb-1979	1163486	04-Aug-1981
<b>Külglass</b>	Pulse Engineering, Inc.	USA	73/787756	20-Mar-1989	1562026	24-Oct-1989
<b>KULROD</b>	Pulse Engineering, Inc.	USA	73/000260	06-Sep-1973	1002640	28-Jan-1975
<b>LARSEN</b>	Pulse Engineering, Inc.	Mexico	960840	11-Sep-2008		
<b>LARSEN</b>	Pulse Engineering, Inc.	USA	73/204130	16-Feb-1979	1199867	29-Jun-1982
<b>LARSEN</b>	Pulse Engineering, Inc.	USA	73/173157	05-Jun-1978	1121359	03-Jul-1979
	Pulse Engineering, Inc.	USA	73/653127	06-Apr-1987	1463364	03-Nov-1987
<b>PULSE</b>	Pulse Engineering, Inc.	China	3004357	25-Oct-2001	3004357	07-Apr-2003
<b>PULSE</b>	Pulse Engineering, Inc.	Taiwan	90043927	25-Oct-2001	1043266	16-May-2003

PULSE	Pulse Engineering, Inc.	Taiwan	90043928	25-Oct-2001	176144	16-Jan-2003
PULSE	Pulse Engineering, Inc.	USA	76/247820	27-Apr-2001	2787947	02-Dec-2003
	Pulse Engineering, Inc.	Korea, Republic of	40-2003-17480	18-Apr-2003	634745	12-Oct-2005
	Pulse Engineering, Inc.	USA	73/787031	16-Mar-1989	1568116	28-Nov-1989
PULSE ENGINEERING	Pulse Engineering, Inc.	USA	73/644058	02-Feb-1987	1518684	03-Jan-1989
PULSEJACK	Pulse Engineering, Inc.	China	990009591	27-Jan-1999	1444313	14-Sep-2000
PULSEJACK	Pulse Engineering, Inc.	European Community	1055227	27-Jan-1999	1055227	11-May-2000
PULSEJACK	Pulse Engineering, Inc.	Japan	6563/1999	27-Jan-1999	4413384	01-Sep-2000
PULSEJACK	Pulse Engineering, Inc.	Taiwan	88003350	26-Jan-1999	937710	01-Apr-2001

PULSEJACK	Pulse Engineering, Inc.	USA	75/525466	27-Jul-1998	2451407	15-May-2001
	Pulse Engineering, Inc.	USA	75/494677	01-Jun-1998	2334506	28-Mar-2000
VALOR	Pulse Engineering, Inc.	USA	74/304761	13-Aug-1992	1803124	09-Nov-1993