

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7269882

<b>SUBMISSION TYPE:</b>	RESUBMISSION
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>RESUBMIT DOCUMENT ID:</b>	507131028
<b>SEQUENCE:</b>	2

**CONVEYING PARTY DATA**

Name	Execution Date
DANIEL MEASUREMENT AND CONTROL, LLC	07/24/2020

**RECEIVING PARTY DATA**

<b>Name:</b>	EMERSUB CVIII, INC.
<b>Street Address:</b>	8000 W. FLORISSANT AVE.
<b>City:</b>	ST. LOUIS
<b>State/Country:</b>	MISSOURI
<b>Postal Code:</b>	63136

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	16149068

**CORRESPONDENCE DATA**

**Fax Number:** (303)938-9995

*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:** 303-938-9999

**Email:** patents@olgip.com

**Correspondent Name:** THE OLLILA LAW GROUP LLC

**Address Line 1:** 2569 PARK LANE, SUITE 202

**Address Line 4:** LAFAYETTE, COLORADO 80026

<b>ATTORNEY DOCKET NUMBER:</b>	35060/004
<b>NAME OF SUBMITTER:</b>	CURTIS J OLLILA
<b>SIGNATURE:</b>	/Curtis J Ollila/
<b>DATE SIGNED:</b>	04/08/2022

**Total Attachments: 25**

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## Intellectual Property Assignment Agreement

This INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT ("IP Assignment") is entered into by and between Daniel Measurement and Control, LLC, a Delaware limited liability company ("Assignor"), and Emersub CVIII, Inc., a Delaware corporation ("Assignee"), effective as of 11:54 p.m. EDT on the 24<sup>th</sup> day of July, 2020 (the "Effective Date").

WHEREAS, Assignor owns certain intellectual property as described herein; and

WHEREAS, Assignor desires to assign to Assignee and Assignee desires to acquire the entire right, title and interest in and to the intellectual property including any and all goodwill associated with the intellectual property.

NOW, THEREFORE, for valuable consideration of ten dollars (\$10.00) furnished by Assignee to Assignor, the receipt and sufficiency of which are hereby acknowledged, the parties hereby agree to the following:

1. Assignment. Assignor hereby assigns, transfers, sells and conveys to Assignee the whole and entire right, title, and interest in and to the intellectual property identified on Exhibit A along with any and all associated proprietary and other information related to the intellectual property identified on Exhibit A, including but not limited to all patents and patent applications, all trademarks and service marks and goodwill associated therewith, all copyrights, copyright registrations, and copyrightable works, all domain names, and all inventions, technology, data, trade secrets and know-how, and any goodwill associated with the foregoing (collectively, "Intellectual Property"). The rights assigned herein include the right to sue for and the remedies resulting from past and future infringement of the Intellectual Property, and the right to sue for and the remedies resulting from past and future infringement of the Intellectual Property, and rights of protection of interest therein under the Laws of all jurisdictions. With respect to any copyrights or copyrightable works contained within the Intellectual Property, the foregoing assignment includes all so-called moral rights, and to the extent that moral rights may not be assigned, Assignor hereby waives any and all moral rights Assignor may have in the Intellectual Property, under 17 U.S.C. §106A or otherwise, for any and all uses of the Intellectual Property. Assignor represents and warrants that it has not entered into any contract or made any commitments that will or may impair Assignee's rights hereunder.

2. General.

2.1. Assignor covenants, agrees and undertakes to take all steps requested by Assignee, all assignments, lawful oaths and any other papers which are reasonably necessary for securing to Assignee or for maintaining for Assignee any and all of the Intellectual Property, all without further compensation to the Assignor.

2.2. Assignor agrees that it is hereby legally bound, upon request and at the expense of Assignee or its successors or assigns or a legal representative thereof, to supply all

information and evidence of which Assignor has knowledge or possession relating to the Intellectual Property (and the business identified by the Intellectual Property), and to testify in any legal proceeding relating thereto.

2.3. Assignor hereby authorizes Assignee to file patent applications in any or all countries for any patent applications, inventions, and discoveries of the Intellectual Property or resulting therefrom in Assignor's name or in the name of Assignee or otherwise as Assignee may deem advisable, under any treaty, convention or otherwise.

2.4. Assignor hereby constitutes and appoints Assignee as Assignor's true and lawful attorney in fact, with full power of substitution in Assignor's name and stead, but for Assignee's benefit, to take any and all steps, including proceedings at law, in equity or otherwise to execute, acknowledge and deliver any and all instruments and assurances necessary or expedient in order to vest the aforesaid Intellectual Property and causes of action more effectively in Assignee or to protect the same, or to enforce any claim or right of any kind with respect thereto. This includes any rights with respect to the Intellectual Property that may have accrued in Assignor's favor up to the Effective Date. Assignor hereby declares that the foregoing power is coupled with an interest and is irrevocable.

2.5. This IP Assignment may be executed in counterparts, each of which will be deemed an original, but all of which together constitute one and the same original. This IP Assignment may not be amended except by an instrument in writing signed by each of the parties hereto.

2.6. This IP Assignment shall be governed by and construed under the laws of the State of Delaware without giving effect to choice or conflicts of law principles thereunder.

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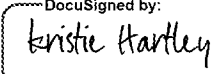
**IN WITNESS WHEREOF**, the parties have executed this IP Assignment as a sealed instrument effective as of the date first above written.

Assignor

Assignee

**DANIEL MEASUREMENT AND CONTROL, LLC**

**EMERSUB CVIII, INC.**

By:  \_\_\_\_\_  
Name: Kristie Hartley  
Title: Vice President, Finance & CFO

By:  \_\_\_\_\_  
Name: John A. Sperino  
Title: President & Secretary

**EXHIBIT A**  
**Intellectual Property**

*[see attached]*

## Turbine Meters or Control Valves (M&amp;C) Patents

DAN Docket #	Type	Country	Status	Application #	Filing Date	Patent #	Issued Date	Exp Date
DAN-10-235BR1	M&C	BR	Granted	BR112013010374-4	10/17/2011	BR112013010374-4	2/27/2020	10/17/2031
DAN-10-235CA1	M&C	CA	Granted	2815530	10/17/2011	2,815,530	8/2/2016	10/17/2031
DAN-10-235CN1	M&C	CN	Granted	201110328917	10/26/2011	102455209	1/27/2016	10/26/2031
DAN-10-235CN2	M&C	CN	Granted	201120412918.9	10/26/2011	ZL 201120412918.9	4/4/2013	10/26/2031
DAN-10-235DE01	M&C	DE	Granted	11836866.1	10/17/2011	602011064142.5	12/18/2019	10/17/2031
DAN-10-235EP1	M&C	EP	Granted	11836866.1	10/17/2011	2633274	12/18/2019	10/17/2031
DAN-10-235FR01	M&C	FR	Granted	11836866.1	10/17/2011	2633274	12/18/2019	10/17/2031
DAN-10-235GB01	M&C	GB	Granted	11836866.1	10/17/2011	2633274	12/18/2019	10/17/2031
DAN-10-235IN1	M&C	IN	n	3872/DELNP/2013	10/17/2011			
DAN-10-235MX1	M&C	MX	Granted	MX/a/2013/004574	10/17/2015	324506	10/15/2014	10/17/2031
DAN-10-235NL01	M&C	NL	Granted	11836866.1	10/17/2011	2633274	12/18/2019	10/17/2031
DAN-10-235RU1	M&C	RU	Granted	2013118986	10/17/2011	2532895	9/12/2014	10/17/2031
DAN-10-235US1	M&C	US	Granted	12/911,899	10/26/2010	8,640,523	2/4/2014	10/26/2030
DAN-13-003CA1	M&C	CA	n	2920105	8/4/2014			
DAN-13-003CN2	M&C	CN	Granted	201410380220.1	8/2/2014	104344058	11/10/2017	8/2/2034
DAN-13-003DE1	M&C	DE	Granted	14832672.1	8/4/2014	60 2014 048 342.9	6/12/2019	8/4/2034
DAN-13-003EP1	M&C	EP	Granted	14832672.1	8/4/2014	3027941	6/12/2019	8/4/2034
DAN-13-003FR1	M&C	FR	Granted	14832672.1	8/4/2014	3027941	6/12/2019	8/4/2034
DAN-13-003GB1	M&C	GB	Granted	14832672.1	8/4/2014	3027941	6/12/2019	8/4/2034
DAN-13-003IN01	M&C	IN	n	201617003677	8/4/2014			
DAN-13-003KR2	M&C	KR	n	10-2016-7005455	8/4/2014			
DAN-13-003MX1	M&C	MX	Published	MX/a/2016/001478	8/4/2014			
DAN-13-003NL1	M&C	NL	Granted	14832672.1	8/4/2014	3027941	6/12/2019	8/4/2034
DAN-13-003US3	M&C	US	Published	14/450,448	8/4/2014			
DAN-14-01AU1	M&C	AU	Granted	2015211115	1/28/2015	2015211115	10/24/2019	1/28/2035
DAN-14-01CA1	M&C	CA	Granted	2939320	1/28/2015	2,939,320	2/26/2019	1/28/2035
DAN-14-01CN1	M&C	CN	Granted	201520075973.1	2/3/2015	ZL 201520075973.1	9/9/2015	2/3/2025
DAN-14-01CN2	M&C	CN	Granted	201510055774.9	2/3/2015	104819342	1/8/2019	2/3/2035
DAN-14-01EP1	M&C	EP	Published	15743543.9	1/28/2015			
DAN-14-01IN1	M&C	IN	Published	201617027610	1/28/2015			
DAN-14-01RU1	M&C	RU	Granted	2016133833	1/28/2015	2659628	7/3/2018	1/28/2035
DAN-14-01US2	M&C	US	Granted	14/607,497	1/28/2015	9,851,018	12/26/2017	1/28/2035

## Appendix A - Ultrasonic (USM) Patents

DAN Docket #	Type	Country	Status	Application #	Filing Date	Patent #	Issued Date	Exp Date
DAN-01-112US1	USM	US	Granted	09/991,806	11/16/2001	6651514	11/25/2003	11/16/2021
DAN-01-118US1	USM	US	Granted	09/944,268	8/30/2001	6761078	7/13/2004	8/30/2021
DAN-01-124US1	USM	US	Granted	09/998,803	11/1/2001	6674690	1/6/2004	11/1/2021
DAN-02-127CN1	USM	CN	Granted	03826731.4	7/3/2003	ZL03826731.4	3/10/2010	7/3/2023
DAN-02-127DE01	USM	DE	Granted	03817821.6	7/3/2003	60352340.4	12/25/2019	7/3/2023
DAN-02-127EP1	USM	EP	Granted	03817821.6	7/3/2003	1642175	12/25/2019	7/3/2023
DAN-02-127FR01	USM	FR	Granted	03817821.6	7/3/2003	1642175	12/25/2019	7/3/2023
DAN-02-127GB01	USM	GB	Granted	03817821.6	7/3/2003	1642175	12/25/2019	7/3/2023
DAN-02-127NL01	USM	NL	Granted	03817821.6	7/3/2003	1642175	12/25/2019	7/3/2023
DAN-02-127US1	USM	US	Granted	10/038,947	1/3/2002	6816808	11/9/2004	1/3/2022
DAN-03-137US1	USM	US	Granted	10/612,692	7/2/2003	7119572	10/10/2006	9/5/2024
DAN-03-145BR1	USM	BR	Granted	PI0414205-5	9/8/2004	PI0414205-5	6/16/2015	6/16/2025
DAN-03-145CA1	USM	CA	Granted	2538155	9/8/2004	2538155	4/19/2011	9/8/2024
DAN-03-145CN1	USM	CN	Granted	200480029497.4	9/8/2004	ZL200480029497.4	11/18/2009	9/8/2024
DAN-03-145GB1	USM	GB	Granted	0604665.0	9/8/2004	GB2421793	3/21/2007	9/8/2024
DAN-03-145HK1	USM	HK	Granted	06110695.1	9/8/2004	HK1089230	8/31/2007	9/8/2024
DAN-03-145US2	USM	US	Granted	10/657,689	9/8/2003	6950768	9/27/2005	9/8/2023
DAN-03-146US1	USM	US	Granted	10/656,571	9/5/2003	6837113	1/4/2005	9/5/2023
DAN-03-148CN1	USM	CN	Granted	200480020185.7	7/14/2004	ZL200480020185.7	9/10/2008	7/14/2024
DAN-03-148DE1	USM	DE	Granted	04756945.4	7/14/2004	1644833	9/23/2015	7/14/2024
DAN-03-148EP1	USM	EP	Granted	04756945.4	7/14/2004	1644833	9/23/2015	7/14/2024
DAN-03-148FR1	USM	FR	Granted	04756945.4	7/14/2004	1644833	9/23/2015	7/14/2024
DAN-03-148GB1	USM	GB	Granted	04756945.4	7/14/2004	1644833	9/23/2015	7/14/2024
DAN-03-148US2	USM	US	Granted	10/657,384	9/8/2003	7013240	3/14/2006	10/19/2023
DAN-05-158BR1	USM	BR	Granted	PI0614405-5	7/21/2006	PI0614405-5	12/26/2017	12/26/2027
DAN-05-158CA1	USM	CA	Granted	2619008	7/21/2006	2,619,008	9/18/2012	7/21/2026
DAN-05-158CN1	USM	CN	Granted	200680038303.6	7/21/2006	200680038303.6	8/29/2012	7/21/2026
DAN-05-158IN1	USM	IN	Published	1712/DELNP/2008	7/21/2006			
DAN-05-158MX1	USM	MX	Granted	MX/a/2008002212	7/21/2006	277157	7/8/2010	7/21/2026
DAN-05-158US1	USM	US	Granted	11/204,068	8/15/2005	7152490	12/26/2006	8/15/2025
DAN-05-161BR1	USM	BR	Granted	PI0610904-7	5/16/2006	PI0610904-7	1/30/2018	1/30/2028
DAN-05-161CA1	USM	CA	Granted	2605943	5/16/2006	2605943	11/16/2010	5/16/2026
DAN-05-161CN1	USM	CN	Granted	200680019574.7	5/16/2006	200680019574	1/30/2013	5/16/2026
DAN-05-161DE1	USM	DE	Granted	06759872.2	5/16/2006	1886131	12/4/2013	5/16/2026
DAN-05-161EP1	USM	EP	Granted	06759872.2	5/16/2006	1886131	12/4/2013	5/16/2026
DAN-05-161FR1	USM	FR	Granted	06759872.2	5/16/2006	1886131	12/4/2013	5/16/2026
DAN-05-161GB1	USM	GB	Granted	06759872.2	5/16/2006	1886131	12/4/2013	5/16/2026
DAN-05-161HK1	USM	HK	Granted	08102101.4	5/16/2006	1108733	5/2/2014	5/16/2026
DAN-05-161IN1	USM	IN	Granted	8752/DELNP/2007	5/16/2006	259443	3/12/2014	5/16/2026
DAN-05-161MX1	USM	MX	Granted	MX/a/2007/013611	5/16/2006	276340	6/3/2010	5/16/2026
DAN-05-161NL1	USM	NL	Granted	06759872.2	5/16/2006	1886131	12/4/2013	5/16/2026
DAN-05-161RU1	USM	RU	Granted	2007147721	5/16/2006	2446393	3/27/2012	5/16/2026
DAN-05-161US2	USM	US	Granted	11/382,160	5/8/2006	7,373,808	5/20/2008	5/8/2026
DAN-05-165BR1	USM	BR	Granted	PI0615155-8	7/21/2006	PI0615155-8	7/24/2018	7/24/2028
DAN-05-165CA1	USM	CA	Granted	2617625	7/21/2006	2,617,625	5/28/2013	7/21/2026
DAN-05-165CN1	USM	CN	Granted	2006800291515.8	7/21/2006	ZL2006800291515.8	12/8/2010	7/21/2026
DAN-05-165DE1	USM	DE	Granted	06788129.2	7/21/2006	60 2006 054 127.9	11/15/2017	7/21/2026
DAN-05-165EP1	USM	EP	Granted	06788129.2	7/21/2006	1913648	11/15/2017	7/21/2026
DAN-05-165FR1	USM	FR	Granted	06788129.2	7/21/2006	1913648	11/15/2017	7/21/2026
DAN-05-165GB1	USM	GB	Granted	06788129.2	7/21/2006	1913648	11/15/2017	7/21/2026
DAN-05-165HK1	USM	HK	Granted	08105724.4	7/21/2006	1111812	7/20/2018	7/21/2026
DAN-05-165IN1	USM	IN	Granted	1199/DELNP/2008	7/21/2006	289930	11/24/2017	7/21/2026
DAN-05-165MX1	USM	MX	Granted	MX/a/2008/002049	7/21/2006	282787	1/13/2011	7/21/2026
DAN-05-165NL1	USM	NL	Granted	06788129.2	7/21/2006	1913648	11/15/2017	7/21/2026
DAN-05-165RU1	USM	RU	Granted	2008109057	7/21/2006	2381598	2/10/2010	7/21/2026



DAN-05-165US3	USM	US	Granted	11/301,136	12/12/2005	7397168	7/8/2008	12/12/2025
DAN-05-166BR1	USM	BR	Granted	PI0615188-4	7/26/2006	PI 0615188-4	9/26/2017	9/26/2027
DAN-05-166CN1	USM	CN	Granted	200680031041	7/21/2006	200680031041.0	4/4/2012	7/21/2026
DAN-05-166IN1	USM	IN	Published	1550/DELNP/2008	7/26/2006			
DAN-05-166RU1	USM	RU	Granted	2008111024	7/26/2006	2471153	12/27/2012	7/26/2026
DAN-05-166US2	USM	US	Granted	11/459,077	7/21/2006	7,624,616	12/1/2009	7/16/2027
DAN-05-166US3	USM	US	Granted	12/605,495	10/26/2009	8122754	2/28/2012	8/23/2025
DAN-05-167BR1	USM	BR	Granted	PI0615187-6	7/21/2006	PI 0615187-6	11/27/2018	11/27/2028
DAN-05-167CA1	USM	CA	Granted	2619063	7/21/2006	2,619,063	10/16/2012	7/21/2026
DAN-05-167CN1	USM	CN	Granted	200680030800.1	7/21/2006	ZL200680030800.1	11/10/2010	7/21/2026
DAN-05-167DE1	USM	DE	Granted	06788095.5	7/21/2006	60 2006 050 211.7	9/7/2016	7/21/2026
DAN-05-167EP1	USM	EP	Granted	06788095.5	7/21/2006	1916946	9/7/2016	7/21/2026
DAN-05-167FR1	USM	FR	Granted	06788095.5	7/21/2006	1916946	9/7/2016	7/21/2026
DAN-05-167GB1	USM	GB	Granted	06788095.5	7/21/2006	1916946	9/7/2016	7/21/2026
DAN-05-167HK1	USM	HK	Granted	08105735.1	7/21/2006	1111583	9/8/2017	7/21/2026
DAN-05-167IN1	USM	IN	Granted	1546/DELNP/2008	7/21/2006	281941	3/29/2017	7/21/2026
DAN-05-167MX1	USM	MX	Granted	MX/a/2008/002567	7/21/2006	287819	6/28/2011	7/21/2026
DAN-05-167NL1	USM	NL	Granted	06788095.5	7/21/2006	1916946	9/7/2016	7/21/2026
DAN-05-167RU1	USM	RU	Granted	2008111025	7/21/2006	2449248	4/27/2012	7/21/2026
DAN-05-167US2	USM	US	Granted	11/361,107	2/24/2006	7,290,455	11/6/2007	3/16/2026
DAN-07-168BR1	USM	BR	Granted	PI0614311-3	7/21/2006	PI0614311-3	6/19/2018	6/19/2028
DAN-07-168CA1	USM	CA	Granted	2,617,629	7/21/2006	2,617,629	10/1/2013	7/21/2026
DAN-07-168CA2	USM	CA	Granted	2821538	7/23/2013	2,821,538	1/19/2016	7/21/2026
DAN-07-168CN1	USM	CN	Granted	200680029410.2	7/21/2006	ZL200680029410.2	2/3/2010	7/21/2026
DAN-07-168DE1	USM	DE	Granted	06788181.3	7/21/2006	602006027201.4	1/18/2012	7/21/2026
DAN-07-168DE2	USM	DE	Granted	11008925.7	7/21/2006	60200605288039	6/21/2017	7/21/2026
DAN-07-168EP1	USM	EP	Granted	06788181.3	7/21/2006	1913649	1/18/2012	7/21/2026
DAN-07-168EP2	USM	EP	Granted	11008925.7	7/21/2006	2418464	6/21/2017	7/21/2026
DAN-07-168FR1	USM	FR	Granted	06788181.3	7/21/2006	1913649	1/18/2012	7/21/2026
DAN-07-168FR2	USM	FR	Granted	11008925.7	7/21/2006	2418464	6/21/2017	7/21/2026
DAN-07-168GB1	USM	GB	Granted	06788181.3	7/21/2006	1913649	1/18/2012	7/21/2026
DAN-07-168GB2	USM	GB	Granted	11008925.7	7/21/2006	2418464	6/21/2017	7/21/2026
DAN-07-168HK1	USM	HK	Granted	08105723.5	7/21/2006	1111811	6/15/2012	7/21/2026
DAN-07-168IN1	USM	IN	Granted	1197/DELNP/2008	7/21/2006	319273	8/29/2019	7/21/2026
DAN-07-168IN2	USM	IN	Applicatio n	2830/DELNP/2014	7/21/2006			
DAN-07-168MX1	USM	MX	Granted	MX/a/2008/002050	7/21/2006	281255	11/24/2010	7/21/2026
DAN-07-168MX2	USM	MX	Granted	MX/a/2010/010650	7/21/2006	314864	11/1/2013	7/21/2026
DAN-07-168NL1	USM	NL	Granted	06788181.3	7/21/2006	1913649	1/18/2012	7/21/2026
DAN-07-168NL2	USM	NL	Granted	11008925.7	7/21/2006	2418464	6/21/2017	7/21/2026
DAN-07-168RO1	USM	RO	Granted	06788181.3	7/21/2006	1913649	1/18/2012	7/21/2026
DAN-07-168RU1	USM	RU	Granted	2008109058	7/21/2006	2450247	5/10/2012	7/21/2026
DAN-07-168TR1	USM	TR	Granted	06788181.3	7/21/2006	1913649	1/18/2012	7/21/2026
DAN-07-168US1	USM	US	Granted	11/301,140	12/12/2005	7,307,373	12/11/2007	12/12/2025
DAN-07-168US2	USM	US	Granted	11/938,608	11/12/2007	8,011,083	9/6/2011	12/10/2027
DAN-07-179CA1	USM	CA	Granted	2686623	5/6/2008	2,686,623	7/2/2013	5/6/2028
DAN-07-179CA2	USM	CA	Granted	2813121	4/15/2013	2813121	7/5/2016	5/6/2028
DAN-07-179DE1	USM	DE	Granted	08755081.0	5/6/2008	60 2008 048 826.8	2/22/2017	5/6/2028
DAN-07-179EP1	USM	EP	Granted	08755081.0	5/6/2008	2153177	2/22/2017	5/6/2028
DAN-07-179FR1	USM	FR	Granted	08755081.0	5/6/2008	2153177	2/22/2017	5/6/2028
DAN-07-179GB1	USM	GB	Granted	08755081.0	5/6/2008	2153177	2/22/2017	5/6/2028
DAN-07-179HK1	USM	HK	Granted	10101805.1	5/6/2008	HK1135765	3/29/2018	5/6/2028
DAN-07-179IN1	USM	IN	Granted	7202/DELNP/2009	5/6/2008	301054	9/14/2018	5/6/2028
DAN-07-179MX1	USM	MX	Granted	MX/a/2009/012154	5/6/2008	285541	4/11/2011	5/6/2028
DAN-07-179NL1	USM	NL	Granted	08755081.0	5/6/2008	2153177	2/22/2017	5/6/2028
DAN-07-179RU1	USM	RU	Granted	2009145812	5/6/2008	2509853	3/20/2014	5/6/2028
DAN-07-179US1	USM	US	Granted	11/746,695	5/10/2007	7557490	7/7/2009	6/26/2027

DAN-07-179US2	USM	US	Granted	12/477,218	6/3/2009	7,900,338	3/8/2011	5/25/2027
DAN-07-180CN1	USM	CN	Granted	200880020392	6/9/2008	ZL200880020392.0	10/19/2011	6/9/2028
DAN-07-180MX1	USM	MX	Granted	MX/a/2009/013068	6/9/2008	285266	4/1/2011	6/9/2028
DAN-07-180RU1	USM	RU	Granted	2010101120	6/9/2008	2424493	7/20/2011	6/9/2028
DAN-07-180US1	USM	US	Granted	11/763,783	6/15/2007	7,779,710	8/24/2010	2/2/2028
DAN-07-185US1	USM	US	Granted	11/837,605	8/13/2007	7,874,051	1/25/2011	4/19/2029
DAN-07-186BR1	USM	BR	Granted	PI0818423-2	10/15/2008	PI0818423-2	6/25/2019	6/25/2029
DAN-07-186CA1	USM	CA	Granted	2702666	10/15/2008	2,702,666	2/18/2014	10/15/2028
DAN-07-186CN1	USM	CN	Granted	200880111193.0	10/15/2008	200880111193.0	3/12/2014	10/15/2028
DAN-07-186CZ1	USM	CZ	Granted	08839856.5	10/15/2008	2203721	5/8/2013	10/15/2028
DAN-07-186DE1	USM	DE	Granted	08839856.5	10/15/2008	602008024473.3	5/8/2013	10/15/2028
DAN-07-186EP1	USM	EP	Granted	08839856.5	10/15/2008	2203721	5/8/2013	10/15/2028
DAN-07-186FR1	USM	FR	Granted	08839856.5	10/15/2008	2203721	5/8/2013	10/15/2028
DAN-07-186GB1	USM	GB	Granted	08839856.5	10/15/2008	2203721	5/8/2013	10/15/2028
DAN-07-186IN1	USM	IN	Granted	2785/DELNP/2010	10/15/2008	295019	3/27/2018	10/15/2028
DAN-07-186MX1	USM	MX	Granted	MX/a/2010/004212	10/15/2008	293241	12/7/2011	10/15/2028
DAN-07-186NL1	USM	NL	Granted	08839856.5	10/15/2008	2203721	5/8/2013	10/15/2028
DAN-07-186RU1	USM	RU	Granted	2010119544	10/15/2008	2514071	2/26/2014	10/15/2028
DAN-07-186US1	USM	US	Granted	11/872,839	10/16/2007	8170812	5/1/2012	12/5/2028
DAN-08-184BR1	USM	BR	Applicatio n	PI0822020-4	12/16/2008			
DAN-08-184CA1	USM	CA	Granted	2711253	12/16/2008	2,711,253	6/19/2018	12/16/2028
DAN-08-184CN1	USM	CN	Granted	200880124373.2	12/16/2008	200880124373	6/12/2013	12/16/2028
DAN-08-184MX1	USM	MX	Granted	MX/a/2010/007317	12/16/2008	308259	3/27/2013	12/16/2028
DAN-08-184RU1	USM	RU	Granted	2010133260	12/16/2008	2490599	8/20/2013	12/16/2028
DAN-08-184US1	USM	US	Granted	11/971,010	1/8/2008	7,911,306	3/22/2011	5/12/2029
DAN-08-192BR1	USM	BR	Applicatio n	PI0908710-9	9/15/2010			
DAN-08-192CA1	USM	CA	Granted	2716489	8/20/2010	2,716,489	7/9/2013	3/6/2029
DAN-08-192CN1	USM	CN	Granted	200980109776.4	9/19/2010	101978351	9/3/2014	3/6/2029
DAN-08-192DE1	USM	DE	Granted	09721401.9	3/6/2009	2255283	5/30/2018	3/6/2029
DAN-08-192EP1	USM	EP	Granted	09721401.9	3/6/2009	2255283	5/30/2018	3/6/2029
DAN-08-192FR1	USM	FR	Granted	09721401.9	3/6/2009	2255283	5/30/2018	3/6/2029
DAN-08-192GB1	USM	GB	Granted	09721401.9	3/6/2009	2255283	5/30/2018	3/6/2029
DAN-08-192IN1	USM	IN	Granted	5335/CHENP/2010	8/26/2010	302308	10/22/2018	8/26/2030
DAN-08-192MX1	USM	MX	Granted	MX/a/2010/009535	8/30/2010	293024	12/5/2011	3/6/2029
DAN-08-192NL1	USM	NL	Granted	09721401.9	3/6/2009	2255283	5/30/2018	3/6/2029
DAN-08-192RU1	USM	RU	Granted	2010142654	3/6/2009	2443010	2/20/2012	3/6/2029
DAN-08-192US1	USM	US	Granted	12/051,126	3/19/2008	7,885,790	2/8/2011	2/14/2029
DAN-08-193BR1	USM	BR	Granted	PI0907546-1	3/4/2009	PI0907546-1	9/17/2019	9/17/2029
DAN-08-193CA1	USM	CA	Granted	2714298	3/4/2009	2,714,298	5/15/2012	3/4/2029
DAN-08-193CN1	USM	CN	Granted	200980107311.5	3/4/2009	200980107311	11/20/2013	3/4/2029
DAN-08-193CZ1	USM	CZ	Granted	09717580.6	3/4/2009	2247884	6/19/2013	3/4/2029
DAN-08-193DE1	USM	DE	Granted	09717580.6	3/4/2009	2247884	6/19/2013	3/4/2029
DAN-08-193EP1	USM	EP	Granted	09717580.6	3/4/2009	2247884	6/19/2013	3/4/2029
DAN-08-193FR1	USM	FR	Granted	09717580.6	3/4/2009	2247884	6/19/2013	3/4/2029
DAN-08-193GB1	USM	GB	Granted	09717580.6	3/4/2009	2247884	6/19/2013	3/4/2029
DAN-08-193MX1	USM	MX	Granted	MX/a/2010/008859	8/12/2010	311743	7/26/2013	3/4/2029
DAN-08-193NL1	USM	NL	Granted	09717580.6	3/4/2009	2247884	6/19/2013	3/4/2029
DAN-08-193RU1	USM	RU	Granted	2010140460	3/4/2009	2443932	2/27/2012	3/4/2029
DAN-08-193US1	USM	US	Granted	12/041,691	3/4/2008	8177238	5/15/2012	9/21/2030
DAN-08-193US2	USM	US	Granted	13/416,028	3/9/2012	9,625,068	4/18/2017	9/21/2030
DAN-08-194US1	USM	US	Granted	12/036,500	2/25/2008	7,917,321	3/29/2011	3/22/2029
DAN-08-202BR1	USM	BR	Granted	PI0913290-2	11/30/2012	PI0913290-2	7/2/2019	7/2/2029
DAN-08-202CA1	USM	CA	Granted	2721966	4/20/2009	2,721,966	7/2/2013	4/20/2029
DAN-08-202CN2	USM	CN	Granted	200980123396.6	12/20/2010	102066881	7/9/2014	4/20/2029
DAN-08-202DE1	USM	DE	Granted	09794846.7	4/20/2009	2324328	11/15/2017	4/20/2029
DAN-08-202EP1	USM	EP	Granted	09794846.7	4/20/2009	2324328	11/15/2017	4/20/2029

DAN-08-202FR1	USM	FR	Granted	09794846.7	4/20/2009	2324328	11/15/2017	4/20/2029
DAN-08-202GB1	USM	GB	Granted	09794846.7	4/20/2009	2324328	11/15/2017	4/20/2029
DAN-08-202IN1	USM	IN	Granted	6826/CHENP/2010	10/25/2010	288494	10/17/2017	10/25/2030
DAN-08-202MX1	USM	MX	Granted	MX/a/2010/012569	4/20/2009	305069	11/9/2012	4/20/2029
DAN-08-202NL1	USM	NL	Granted	09794846.7	4/20/2009	2324328	11/15/2017	4/20/2029
DAN-08-202RU1	USM	RU	Granted	2011104408	2/8/2010	2473049	1/20/2013	4/20/2029
DAN-08-202US1	USM	US	Granted	12/169,175	7/8/2008	8,155,895	4/10/2012	1/25/2031
DAN-08-204BR1	USM	BR	Granted	PI0912799-2	11/17/2010	PI0912799-2	11/19/2019	11/17/2030
DAN-08-204CA1	USM	CA	Granted	2721971	6/9/2009	2,721,971	1/22/2013	6/9/2029
DAN-08-204CN1	USM	CN	Granted	200980119769.2	11/29/2010	200980119769	10/23/2013	6/9/2029
DAN-08-204DE1	USM	DE	Granted	09794876.4	6/9/2009	602009041860.2	10/19/2016	6/9/2029
DAN-08-204EP1	USM	EP	Granted	09794876.4	6/9/2009	EP2310809	10/19/2016	6/9/2029
DAN-08-204FR1	USM	FR	Granted	09794876.4	6/9/2009	EP2310809	10/19/2016	6/9/2029
DAN-08-204GB1	USM	GB	Granted	09794876.4	6/9/2009	EP2310809	10/19/2016	6/9/2029
DAN-08-204HU1	USM	HU	Granted	09794876.4	6/9/2009	EP2310809	10/19/2016	6/9/2029
DAN-08-204IN1	USM	IN	Granted	7394/DELNP/2010	6/9/2009	310782	4/3/2019	6/9/2029
DAN-08-204MX1	USM	MX	Granted	MX/a/2010/012571	6/9/2009	291363	10/26/2011	6/9/2029
DAN-08-204NL1	USM	NL	Granted	09794876.4	6/9/2009	EP2310809	10/19/2016	6/9/2029
DAN-08-204RU1	USM	RU	Granted	2011104585	6/9/2009	2484430	6/10/2013	6/9/2029
DAN-08-204US1	USM	US	Granted	12/169,685	7/9/2008	7,752,919	7/13/2010	9/22/2028
DAN-08-205BR1	USM	BR	Granted	PI0913112-4	11/29/2010	PI0913112-4	6/18/2019	6/18/2029
DAN-08-205CA1	USM	CA	Granted	2721968	6/9/2009	2,721,968	3/5/2013	6/9/2029
DAN-08-205CN1	USM	CN	Published	201510741019.6	6/9/2010			
DAN-08-205DE1	USM	DE	Granted	09794875.6	6/9/2009	2310808	5/29/2013	6/9/2029
DAN-08-205EP1	USM	EP	Granted	09794875.6	6/9/2009	2310808	5/29/2013	6/9/2029
DAN-08-205FR1	USM	FR	Granted	09794875.6	6/9/2009	2310808	5/29/2013	6/9/2029
DAN-08-205GB1	USM	GB	Granted	09794875.6	6/9/2009	2310808	5/29/2013	6/9/2029
DAN-08-205HU1	USM	HU	Granted	09794875.6	6/9/2009	2310808	5/29/2013	6/9/2029
DAN-08-205IN1	USM	IN	Granted	7457/DELNP/2010	6/9/2009	290113	11/30/2017	6/9/2029
DAN-08-205MX1	USM	MX	Granted	MX/a/2010/012570	6/9/2009	291362	10/26/2011	6/9/2029
DAN-08-205NL1	USM	NL	Granted	09794875.6	6/9/2009	2310808	5/29/2013	6/9/2029
DAN-08-205RU1	USM	RU	Granted	2011104583	2/9/2010	2478189	3/27/2013	6/9/2029
DAN-08-205US1	USM	US	Granted	12/169,678	7/9/2008	7735380	6/15/2010	10/27/2028
DAN-09-1940BR1	USM	BR	Applicatio n	PI0908089-9	2/23/2009			
DAN-09-1940CA1	USM	CA	Granted	2712451	2/23/2009	2712451	5/10/2016	2/23/2029
DAN-09-1940CN1	USM	CN	Granted	200980106291.X	2/23/2009	101960273	5/14/2014	2/23/2029
DAN-09-1940DE1	USM	DE	Granted	09714585.8	2/23/2009	60 2009 050 208.5	1/3/2018	2/23/2029
DAN-09-1940EP1	USM	EP	Granted	09714585.8	2/23/2009	2245432	1/3/2018	2/23/2029
DAN-09-1940FR1	USM	FR	Granted	09714585.8	2/23/2009	2245432	1/3/2018	2/23/2029
DAN-09-1940GB1	USM	GB	Granted	09714585.8	2/23/2009	2245432	1/3/2018	2/23/2029
DAN-09-1940IN1	USM	IN	Granted	4606/CHENP/2010	2/23/2009	320845	9/19/2019	2/23/2029
DAN-09-1940MX1	USM	MX	Granted	MX/a/2010/009202	2/23/2009	293025	12/5/2011	2/23/2029
DAN-09-1940NL1	USM	NL	Granted	09714585.8	2/23/2009	2245432	1/3/2018	2/23/2029
DAN-09-1940RU1	USM	RU	Granted	2010139593	2/23/2009	2432594	10/27/2011	2/23/2029
DAN-09-213BR1	USM	BR	Applicatio n	PI 1013563-4	4/13/2010			
DAN-09-213CA1	USM	CA	Granted	2758843	4/13/2010	2,758,843	10/15/2013	4/13/2030
DAN-09-213CN1	USM	CN	Granted	201080024207.2	4/13/2010	ZL201080024207.2	9/24/2014	4/12/2030
DAN-09-213DE1	USM	DE	Granted	10764999.8	4/13/2010	602010037336.3	10/19/2016	4/13/2030
DAN-09-213EP1	USM	EP	Granted	10764999.8	4/13/2010	2419968	10/19/2016	4/13/2030
DAN-09-213FR1	USM	FR	Granted	10764999.8	4/13/2010	2419968	10/19/2016	4/13/2030
DAN-09-213GB1	USM	GB	Granted	10764999.8	4/13/2010	2419968	10/19/2016	4/13/2030
DAN-09-213HK1	USM	HK	Granted	12102546.1	4/13/2010	HK1162767	1/5/2018	4/13/2030
DAN-09-213IN1	USM	IN	Granted	8310/DELNP/2011	4/13/2010	330431	1/27/2020	4/13/2030
DAN-09-213MX1	USM	MX	Granted	MX/a/2011/010805	4/13/2010	309080	4/26/2013	4/13/2030
DAN-09-213RU1	USM	RU	Granted	2011143061	4/13/2010	2496183	10/20/2013	4/13/2030
DAN-09-213US2	USM	US	Granted	12/759,175	4/13/2010	8,136,411	3/20/2012	8/31/2030

DAN-09-214BR1	USM	BR	Applicatio n	P11015978-9	5/26/2010		
DAN-09-214CA1	USM	CA	Granted	2784995	5/26/2010	2,764,995	2/2/2016 5/26/2030
DAN-09-214CN1	USM	CN	Granted	201080034858.X	5/26/2010	102803908	6/29/2016 5/26/2030
DAN-09-214EP1	USM	EP	Applicatio n	10789916.3	5/26/2010		
DAN-09-214HK1	USM	HK	Granted	13104250.2	4/9/2013	1177497	6/29/2016 4/9/2033
DAN-09-214IN1	USM	IN	Applicatio n	10340/DELNP/2011	5/26/2010		
DAN-09-214MX1	USM	MX	Granted	MX/a/2011/014047	5/26/2010	308807	4/18/2013 5/26/2030
DAN-09-214RU1	USM	RU	Granted	2011153028	5/26/2010	2530482	5/26/2010 5/26/2030
DAN-09-214US1	USM	US	Granted	12/465,424	6/16/2009	7,966,893	6/28/2011 12/8/2029
DAN-10-217BR1	USM	BR	Granted	BR1120120166620	1/6/2011	BR 11 2012 016662 0	2/4/2020 1/6/2031
DAN-10-217CA1	USM	CA	Granted	2786468	1/6/2011	2,786,468	3/8/2016 1/6/2030
DAN-10-217CN1	USM	CN	Granted	201180012626.9	1/6/2011	102792133	8/13/2014 1/6/2030
DAN-10-217DE1	USM	DE	Granted	11732114.1	1/6/2011	60 2011 049 033.8	6/6/2018 1/6/2031
DAN-10-217EP1	USM	EP	Granted	11732114.1	1/6/2011	2521899	6/6/2018 1/6/2031
DAN-10-217FR1	USM	FR	Granted	11732114.1	1/6/2011	2521899	6/6/2018 1/6/2031
DAN-10-217GB1	USM	GB	Granted	11732114.1	1/6/2011	2521899	6/6/2018 1/6/2031
DAN-10-217IN1	USM	IN	Applicatio n	6320/DELNP/2012	1/6/2011		
DAN-10-217MX1	USM	MX	Granted	MX/a/2012/007917	1/6/2011	309222	5/2/2013 1/6/2030
DAN-10-217NL1	USM	NL	Granted	11732114.1	1/6/2011	2521899	6/6/2018 1/6/2031
DAN-10-217RU1	USM	RU	Applicatio n	2012129945	1/6/2011		
DAN-10-217US1	USM	US	Granted	12/683,049	1/6/2010	8,132,469	3/13/2011 11/15/2030
DAN-10-218BR1	USM	BR	Granted	BR 11 2012 016657 3	1/3/2011	BR 11 2012 016657 3	2/4/2020 1/3/2031
DAN-10-218CA1	USM	CA	Granted	2883453	1/3/2011	2,883,453	10/11/2016 1/3/2031
DAN-10-218CA2	USM	CA	Granted	2786332	1/3/2011	2786332	4/12/2016 1/3/2031
DAN-10-218CN2	USM	CN	Granted	201510680912.2	1/3/2011	105258743	4/9/2019 1/3/2031
DAN-10-218CN3	USM	CN	Granted	201180012589.1	1/3/2011	102792132	11/25/2015 1/3/2031
DAN-10-218DE1	USM	DE	Granted	11732024.2	1/3/2011	60 2011 047 392.1	4/11/2018 1/3/2031
DAN-10-218EP1	USM	EP	Granted	11732024.2	1/3/2011	2521896	4/11/2018 1/3/2031
DAN-10-218FR1	USM	FR	Granted	11732024.2	1/3/2011	2521896	4/11/2018 1/3/2031
DAN-10-218GB1	USM	GB	Granted	11732024.2	1/3/2011	2521896	4/11/2018 1/3/2031
DAN-10-218IN1	USM	IN	Granted	6315/DELNP/2012	1/3/2011	320933	9/20/2019 1/3/2031
DAN-10-218MX1	USM	MX	Granted	MX/a/2012/007918	1/3/2011	309223	5/2/2013 1/3/2031
DAN-10-218NL1	USM	NL	Granted	11732024.2	1/3/2011	2521896	4/11/2018 1/3/2031
DAN-10-218RU1	USM	RU	Granted	2012129947	1/3/2011	2518033	4/11/2014 1/3/2031
DAN-10-218US1	USM	US	Granted	12/683,122	1/6/2010	8,186,229	5/29/2012 12/3/2030
DAN-10-219BR1	USM	BR	Granted	BR1120120166557	1/4/2011	BR 11 2012 016655 7	2/4/2020 1/4/2031
DAN-10-219CA1	USM	CA	Granted	2786325	1/4/2011	2,786,325	3/8/2016 1/4/2031
DAN-10-219CN1	USM	CN	Granted	201180008134.2	1/4/2011	102741665	3/16/2016 1/4/2031
DAN-10-219CN2	USM	CN	Granted	201510090750.7	3/14/2015	104748803	3/23/2018 1/4/2031
DAN-10-219DE1	USM	DE	Granted	11732047.3	1/4/2011	602011014617.3	3/11/2015 1/4/2031
DAN-10-219DE2	USM	DE	Granted	14194714.3	1/4/2011	602011025411.1	4/13/2016 1/4/2031
DAN-10-219EP1	USM	EP	Granted	11732047.3	1/4/2011	2521897	3/11/2015 1/4/2031
DAN-10-219EP2	USM	EP	Granted	14194714.3	1/4/2011	EP2846139	4/13/2016 1/4/2031
DAN-10-219FR1	USM	FR	Granted	11732047.3	1/4/2011	2521897	3/11/2015 1/4/2031
DAN-10-219FR2	USM	FR	Granted	14194714.3	1/4/2011	EP2846139	4/13/2016 1/4/2031
DAN-10-219GB1	USM	GB	Granted	11732047.3	1/4/2011	2521897	3/11/2015 1/4/2031
DAN-10-219GB2	USM	GB	Granted	14194714.3	1/4/2011	EP2846139	4/13/2016 1/4/2031
DAN-10-219HK1	USM	HK	Granted	13103294.2	3/18/2013	HK1175838	5/5/2017 3/18/2033
DAN-10-219IN02	USM	IN	Applicatio n	201918049686	1/4/2011		
DAN-10-219IN1	USM	IN	Granted	6321/DELNP/2012	1/4/2011	327392	12/16/2019 1/4/2031
DAN-10-219MX1	USM	MX	Granted	MX/a/2012/007920	1/4/2011	309224	5/2/2013 1/4/2031
DAN-10-219NL1	USM	NL	Granted	11732047.3	1/4/2011	2521897	3/11/2015 1/4/2031
DAN-10-219RU1	USM	RU	Granted	2012129946	1/4/2011	2518031	4/11/2014 1/4/2031

DAN-10-219US1	USM	US	Granted	12/683,036	1/6/2010	8,181,533	5/22/2012	11/21/2030
DAN-10-221BR1	USM	BR	Granted	BR1120120166514	1/4/2011	BR1120120166514	3/10/2020	1/4/2031
DAN-10-221CA1	USM	CA	Granted	2786401	1/4/2011	2,786,401	3/8/2016	1/4/2031
DAN-10-221CN1	USM	CN	Granted	201180008174.7	1/4/2011	102741666	10/29/2014	1/4/2031
DAN-10-221EP1	USM	EP	Published	11732048.1	1/4/2011			
DAN-10-221IN1	USM	IN	Applicatio n	6319/DELNP/2012	1/4/2011			
DAN-10-221MX1	USM	MX	Granted	MX/a/2012/007921	1/4/2011	311428	1/4/2011	1/4/2031
DAN-10-221RU1	USM	RU	Granted	2012128112	1/4/2011	2532651	9/10/2014	1/4/2031
DAN-10-221US1	USM	US	Granted	12/683,044	1/6/2010	8,181,534	5/22/2012	11/27/2030
DAN-10-228BR1	USM	BR	Granted	BR1120120198856	2/11/2011	BR 11 2012 019885 8	2/4/2020	2/11/2031
DAN-10-228CA1	USM	CA	Granted	2789316	2/10/2011	2,789,316	2/10/2011	2/11/2031
DAN-10-228DE1	USM	DE	Granted	11742800.3	2/10/2011	60 2011 041 080.6	8/30/2017	2/10/2031
DAN-10-228EP1	USM	EP	Granted	11742800.3	2/10/2011	2534454	8/30/2017	2/10/2031
DAN-10-228FR1	USM	FR	Granted	11742800.3	2/10/2011	2534454	8/30/2017	2/10/2031
DAN-10-228GB1	USM	GB	Granted	11742800.3	2/10/2011	2534454	8/30/2017	2/10/2031
DAN-10-228IN1	USM	IN	Applicatio n	7168/DELNP/2012	2/11/2011			
DAN-10-228MX1	USM	MX	Granted	MX/a/2012/009383	2/11/2011	312910	9/30/2013	2/11/2031
DAN-10-228RU1	USM	RU	Granted	2012134702	2/10/2011	2560139	7/21/2015	2/10/2031
DAN-10-228US1	USM	US	Granted	12/703,963	2/11/2010	8,626,466	1/7/2014	2/11/2030
DAN-10-229BR1	USM	BR	Granted	BR112012024171-0	2/24/2012	BR112012024171-0	2/27/2020	2/24/2032
DAN-10-229CA1	USM	CA	Granted	2793869	3/22/2011	2,793,869	7/19/2016	3/22/2031
DAN-10-229CN2	USM	CN	Granted	201110080145.3	3/25/2010	201110080145	2/13/2013	3/25/2030
DAN-10-229DE1	USM	DE	Granted	11760062.7	3/22/2011	60 2011 035 734.4	3/8/2017	3/22/2031
DAN-10-229EP1	USM	EP	Granted	11760062.7	3/22/2011	2550512	3/8/2017	3/22/2031
DAN-10-229FR1	USM	FR	Granted	11760062.7	3/22/2011	2550512	3/8/2017	3/22/2031
DAN-10-229GB1	USM	GB	Granted	11760062.7	3/22/2011	2550512	3/8/2017	3/22/2031
DAN-10-229IN1	USM	IN	Granted	8851/DELNP/2012	3/22/2011	314018	6/12/2019	3/22/2031
DAN-10-229MX1	USM	MX	Granted	MX/a/2012/010996	3/22/2011	309593	5/15/2013	3/22/2031
DAN-10-229NL1	USM	NL	Granted	11760062.7	3/22/2011	2550512	3/8/2017	3/22/2031
DAN-10-229RU1	USM	RU	Granted	2012140393	3/22/2011	2522125	5/15/2014	3/22/2031
DAN-10-229US2	USM	US	Granted	13/069,092	3/22/2011	8,356,522	1/22/2013	3/22/2031
DAN-10-234BR1	USM	BR	Applicatio n	BR 11 2012 033287 2	6/6/2011			
DAN-10-234CA1	USM	CA	Granted	2802406	6/6/2011	2802406	11/24/2015	6/29/2030
DAN-10-234CA2	USM	CA	Granted	2899764	8/7/2015	2,899,764	4/4/2017	6/29/2030
DAN-10-234CN2	USM	CN	Granted	201110187781.6	6/29/2011	201110187781.6	5/8/2013	6/29/2031
DAN-10-234DE1	USM	DE	Granted	11803995.7	6/6/2011	60 2011 061 120.8	8/7/2019	6/6/2031
DAN-10-234EP1	USM	EP	Granted	11803995.7	6/6/2011	2588839	8/7/2019	6/6/2031
DAN-10-234FR1	USM	FR	Granted	11803995.7	6/6/2011	2588839	8/7/2019	6/6/2031
DAN-10-234GB1	USM	GB	Granted	11803995.7	6/6/2011	2588839	8/7/2019	6/6/2031
DAN-10-234IN1	USM	IN	Applicatio n	385/DELNP/2013	6/6/2011			
DAN-10-234MX1	USM	MX	Granted	MX/a/2013/000216	6/6/2011	310076	5/31/2013	6/29/2030
DAN-10-234NL1	USM	NL	Granted	11803995.7	6/6/2011	2588839	8/7/2019	6/6/2031
DAN-10-234RU1	USM	RU	Granted	2012153704	6/6/2011	2532611	9/10/2014	6/6/2031
DAN-10-234US1	USM	US	Granted	12/825,769	6/29/2010	8,166,829	5/1/2012	11/27/2030
DAN-11-239BR1	USM	BR	Applicatio n	BR 11 2013 020393 5	8/9/2013			
DAN-11-239CA2	USM	CA	Granted	2826869	1/19/2012	2,826,869	6/21/2016	1/19/2032
DAN-11-239CN1	USM	CN	Granted	201220044947.9	2/10/2012	ZL201220044947.9	6/5/2013	2/10/2022
DAN-11-239CN2	USM	CN	Granted	201210030508.7	2/10/2012	102636226	6/17/2015	2/10/2032
DAN-11-239DE1	USM	DE	Granted	12744731.6	1/19/2012	60 2012 036 630.3	8/30/2017	1/19/2032
DAN-11-239EP1	USM	EP	Granted	12744731.6	1/19/2012	2673598	8/30/2017	1/19/2032
DAN-11-239FR1	USM	FR	Granted	12744731.6	1/19/2012	2673598	8/30/2017	1/19/2032
DAN-11-239GB1	USM	GB	Granted	12744731.6	1/19/2012	2673598	8/30/2017	1/19/2032
DAN-11-239IN1	USM	IN	Applicatio n	7181/DELNP/2013	1/19/2012			

DAN-11-239MX1	USM	MX	Granted	MX/a/2013/009162	1/19/2012	323101	8/27/2014	1/19/2032
DAN-11-239NL1	USM	NL	Granted	12744731.6	1/19/2012	2673598	8/30/2017	1/19/2032
DAN-11-239RU1	USM	RU	Granted	2013137674	1/19/2012	2456855	3/4/2015	1/19/2032
DAN-11-239US1	USM	US	Granted	13/025,223	2/11/2011	8,302,455	11/6/2012	2/11/2031
DAN-11-240BR1	USM	BR	Applicatio n	BR 11 2013 025229 4	3/27/2012			
DAN-11-240CA1	USM	CA	Applicatio n	2831648	3/27/2012			
DAN-11-240CN2	USM	CN	Granted	201210096332.5	4/1/2012	102735296	1/20/2016	4/1/2032
DAN-11-240DE1	USM	DE	Granted	12765599.1	3/27/2012	2694926	9/13/2017	3/27/2032
DAN-11-240EP1	USM	EP	Granted	12765599.1	3/27/2012	2694926	9/13/2017	3/27/2032
DAN-11-240FR1	USM	FR	Granted	12765599.1	3/27/2012	2694926	9/13/2017	3/27/2032
DAN-11-240GB1	USM	GB	Granted	12765599.1	3/27/2012	2694926	9/13/2017	3/27/2032
DAN-11-240IN1	USM	IN	Applicatio n	8622/DELNP/2013	3/27/2012			
DAN-11-240MX1	USM	MX	Granted	MX/a/2013/011382	3/27/2012	331386	7/7/2015	3/27/2032
DAN-11-240NL1	USM	NL	Granted	12765599.1	3/27/2012	2694926	9/13/2017	3/27/2032
DAN-11-240RU1	USM	RU	Granted	2013144442	3/27/2012	2575976	2/1/2016	3/27/2032
DAN-11-240US2	USM	US	Granted	13/434,492	3/29/2012	8,770,042	7/8/2014	3/29/2032
DAN-11-249AU1	USM	AU	Granted	2012312256	3/16/2014	2012312256	8/13/2015	3/16/2034
DAN-11-249BR1	USM	BR	Applicatio n	BR 11 2014 006855 0	3/21/2014			
DAN-11-249CA1	USM	CA	Granted	2849086	9/21/2012	2849086	8/22/2017	9/21/2032
DAN-11-249CN1	USM	CN	Granted	201210245103.5	7/13/2012	103017842	8/3/2016	7/13/2032
DAN-11-249EP1	USM	EP	Published Applicatio n	12833299.6	3/21/2014			
DAN-11-249IN1	USM	IN	Applicatio n	2160/DELNP/2014	3/21/2014			
DAN-11-249MX1	USM	MX	Granted	MX/a/2014/003346	9/21/2012	340848	7/27/2016	9/21/2032
DAN-11-249RU1	USM	RU	Granted	2014/111080	9/21/2012	2579636	3/10/2016	9/21/2032
DAN-11-249US1	USM	US	Granted	13/242,822	9/23/2011	9,316,517	4/19/2016	9/23/2031
DAN-11-250AU1	USM	AU	Granted	2012364830	8/30/2012	2012364830	1/15/2015	8/30/2032
DAN-11-250BR1	USM	BR	Applicatio n	BR 11 2014 017045 2	8/30/2012			
DAN-11-250CA1	USM	CA	Granted	2861762	8/30/2012	2,861,762	12/20/2016	8/30/2032
DAN-11-250CN1	USM	CN	Granted	201210448056.4	11/9/2012	103206991	10/28/2015	11/9/2032
DAN-11-250EP1	USM	EP	Applicatio n	12864708.8	8/30/2012			
DAN-11-250IN1	USM	IN	Granted	5425/DELNP/2014	8/30/2012	330849	1/30/2020	8/30/2032
DAN-11-250MX1	USM	MX	Granted	MX/a/2014/008439	8/30/2012	330808	6/17/2015	8/30/2032
DAN-11-250RU1	USM	RU	Granted	2014127751	8/30/2012	2589951	6/14/2016	8/30/2032
DAN-11-250US2	USM	US	Granted	13/598,835	8/30/2012	9,574,924	2/21/2017	8/30/2032
DAN-12-245CA1	USM	CA	Granted	2879420	9/6/2012	2,879,420	8/22/2017	9/6/2032
DAN-12-245CN1	USM	CN	Granted	201310303223	7/18/2013	103567686	5/11/2016	7/18/2033
DAN-12-245DE1	USM	DE	Granted	12881431.6	9/6/2012	60 2012 043 885.1	3/7/2018	9/6/2032
DAN-12-245EP1	USM	EP	Granted	12881431.6	9/6/2012	EP2875319	3/7/2018	9/6/2032
DAN-12-245FR1	USM	FR	Granted	12881431.6	9/6/2012	EP2875319	3/7/2018	9/6/2032
DAN-12-245GB1	USM	GB	Granted	12881431.6	9/6/2012	EP2875319	3/7/2018	9/6/2032
DAN-12-245IN1	USM	IN	Applicatio n	394/DELNP/2015	9/6/2012			
DAN-12-245MX1	USM	MX	Granted	MX/a/2015/000772	9/6/2012	351269	10/6/2017	9/6/2032
DAN-12-245NL1	USM	NL	Granted	12881431.6	9/6/2012	EP2875319	3/7/2018	9/6/2032
DAN-12-245RU1	USM	RU	Granted	2015101343	9/6/2012	2654361	5/17/2018	9/6/2032
DAN-12-245US2	USM	US	Granted	14/413,626	9/6/2012	10,591,338	3/17/2020	9/6/2032
DAN-12-246CA1	USM	CA	Granted	2879307	9/6/2012	2,879,307	8/23/2016	9/6/2032
DAN-12-246CN1	USM	CN	Granted	201310303231.5	7/18/2013	103567609	1/6/2016	7/18/2033
DAN-12-246DE1	USM	DE	Granted	12881465.4	9/6/2012	2874779	12/19/2018	9/6/2032
DAN-12-246EP1	USM	EP	Granted	12881465.4	9/6/2012	2874779	12/19/2018	9/6/2032
DAN-12-246FR1	USM	FR	Granted	12881465.4	9/6/2012	2874779	12/19/2018	9/6/2032
DAN-12-246GB1	USM	GB	Granted	12881465.4	9/6/2012	2874779	12/19/2018	9/6/2032

DAN-12-246IN1	USM	IN	Applicatio n	396/DELNP/2015	9/6/2012		
DAN-12-246MX1	USM	MX	Granted	MX/a/2015/000773	9/6/2012	355911	5/4/2018 9/6/2032
DAN-12-246NL1	USM	NL	Granted	12881465.4	9/6/2012	2874779	12/19/2018 9/6/2032
DAN-12-246RU1	USM	RU	Granted	2015101342	9/6/2012	2608864	1/25/2017 9/6/2032
DAN-12-246US2	USM	US	Granted	14/413,644	2/4/2015	9,816,850	11/14/2017 2/4/2025
DAN-12-264AU1	USM	AU	Granted	2013256259	5/2/2013	2013256259	9/15/2016 5/2/2033
DAN-12-264BR1	USM	BR	Applicatio n	BR 11 2014 024911 3	5/2/2013		
DAN-12-264CA1	USM	CA	Granted	2866541	5/2/2013	2,866,541	6/20/2017 5/2/2033
DAN-12-264CN1	USM	CN	Granted	201210244253.4	7/13/2012	ZL 201210244253.4	12/30/2015 7/13/2022
DAN-12-264DE01	USM	DE	Granted	13784659.8	5/2/2013	60 2013 061 799.6	10/16/2019 5/2/2033
DAN-12-264EP1	USM	EP	Granted	13784659.8	5/2/2013	EP2844963	10/16/2019 5/2/2033
DAN-12-264FR01	USM	FR	Granted	13784659.8	5/2/2013	EP2844963	10/16/2019 5/2/2033
DAN-12-264GB01	USM	GB	Granted	13784659.8	5/2/2013	EP2844963	10/16/2019 5/2/2033
DAN-12-264IN1	USM	IN	Published	7970/DELNP/2014	5/2/2013		
DAN-12-264MX1	USM	MX	Granted	MX/a/2014/013251	5/2/2013	336665	1/27/2016 5/2/2033
DAN-12-264NL01	USM	NL	Granted	13784659.8	5/2/2013	EP2844963	10/16/2019 5/2/2033
DAN-12-264RU1	USM	RU	Granted	2014137570	5/2/2013	2595647	8/4/2016 5/2/2033
DAN-12-264US1	USM	US	Granted	13/462,579	5/2/2012	9,097,568	8/4/2015 5/2/2032
DAN-12-265AU1	USM	AU	Granted	2013256254	5/2/2013	2013256254	8/4/2016 5/2/2033
DAN-12-265CA1	USM	CA	Granted	2866536	5/2/2013	2,866,536	6/13/2017 5/2/2033
DAN-12-265CN1	USM	CN	Granted	201310158834	5/2/2013	103453956	5/4/2016 5/2/2033
DAN-12-265IN1	USM	IN	Published	7592/DELNP/2014	5/2/2013		
DAN-12-265MX1	USM	MX	Granted	MX/a/2014/013249	5/2/2013	334864	11/18/2015 5/2/2033
DAN-12-265RU1	USM	RU	Granted	2014137565	5/2/2013	2590318	6/15/2016 5/2/2033
DAN-12-265US1	USM	US	Granted	13/462,613	5/2/2012	8,974,114	3/10/2015 5/2/2032
DAN-12-274US2	USM	US	Granted	13/928,577	6/27/2013	9,134,155	9/15/2015 6/27/2033
DAN-12-275BR1	USM	BR	Applicatio n	BR 11 2015 005052 2	9/6/2013		
DAN-12-275CA1	USM	CA	Granted	2884069	9/6/2013	2,884,069	7/25/2017 9/6/2033
DAN-12-275CN1	USM	CN	Granted	201380004083.5	5/29/2014	104136891	9/15/2017 9/6/2033
DAN-12-275DE1	USM	DE	Granted	13835181.2	9/6/2013	60 2013 049 683.8	1/9/2019 9/6/2033
DAN-12-275EP1	USM	EP	Granted	13835181.2	9/6/2013	EP2893304	1/9/2019 9/6/2033
DAN-12-275FR1	USM	FR	Granted	13835181.2	9/6/2013	EP2893304	1/9/2019 9/6/2033
DAN-12-275GB1	USM	GB	Granted	13835181.2	9/6/2013	EP2893304	1/9/2019 9/6/2033
DAN-12-275IN1	USM	IN	Applicatio n	2192/DELNP/2015	9/6/2013		
DAN-12-275MX1	USM	MX	Granted	MX/a/2015/002818	9/6/2013	341772	9/2/2016 9/6/2033
DAN-12-275NL1	USM	NL	Granted	13835181.2	9/6/2013	EP2893304	1/9/2019 9/6/2033
DAN-12-275RU1	USM	RU	Granted	2015108388	9/6/2013	2601207	10/6/2016 9/6/2033
DAN-12-275US2	USM	US	Granted	13/928,635	6/27/2013	9,310,237	4/12/2016 6/27/2033
DAN-12-276US2	USM	US	Granted	13/928,711	6/27/2013	9,024,767	5/5/2015 1/18/2034
DAN-12-277US2	USM	US	Granted	13/928,541	6/27/2013	9,134,154	9/15/2015 6/27/2033
DAN-12-278US2	USM	US	Granted	13/928,692	6/27/2013	9,134,156	9/15/2015 6/27/2033
DAN-12-279BR1	USM	BR	Applicatio n	BR 11 2015 008644 6	10/18/2013		
DAN-12-279CA1	USM	CA	Granted	2888939	10/18/2013	2888939	8/15/2017 10/18/2033
DAN-12-279CN2	USM	CN	Granted	201310496428.5	10/21/2013	103776516	5/17/2017 10/21/2033
DAN-12-279EP1	USM	EP	Applicatio n	13846885.5	10/18/2013		
DAN-12-279IN1	USM	IN	Applicatio n	3264/DELNP/2015	10/18/2013		
DAN-12-279MX1	USM	MX	Granted	MX/a/2015/004905	10/18/2013	342736	10/11/2016 10/18/2033
DAN-12-279RU1	USM	RU	Granted	2015114680	10/18/2013	2601223	10/18/2013 10/18/2033
DAN-12-279US2	USM	US	Granted	13/928,670	6/27/2013	9,151,649	10/6/2015 6/27/2033
DAN-12-280US2	USM	US	Granted	13/928,521	6/27/2013	9,797,760	10/24/2017 8/25/2036
DAN-13-001BR1	USM	BR	Applicatio n	BR1120150206093	2/25/2014		

DAN-13-001CA1	USM	CA	Granted	2902166	2/25/2014	2,902,166	1/2/2018	2/25/2034
DAN-13-001CN1	USM	CN	Granted	201420087303.7	2/27/2014	201420087303.7	8/20/2014	2/27/2024
DAN-13-001CN2	USM	CN	Granted	201410069801.3	2/27/2014	104006854	7/7/2017	2/27/2034
DAN-13-001DE01	USM	DE	Granted	14757742.3	2/25/2014	60 2014 063 534.2	4/8/2020	2/25/2034
DAN-13-001EP1	USM	EP	Granted	14757742.3	2/25/2014	2962073	4/8/2020	2/25/2034
DAN-13-001IN1	USM	IN	Applicatio n	7456/DELNP/2015	2/25/2014			
DAN-13-001MX1	USM	MX	Applicatio n	MX/a/2018/005168	2/25/2014			
DAN-13-001MX2	USM	MX	Granted	MX/a/2015/011039	2/25/2014	355647	4/26/2018	2/25/2034
DAN-13-001RU1	USM	RU	Applicatio n	2017102581	2/25/2014			
DAN-13-001RU2	USM	RU	Granted	2015135634	2/25/2014	2609436	2/1/2017	2/25/2034
DAN-13-001US1	USM	US	Granted	13/778,872	2/27/2013	9,068,870	6/30/2015	2/27/2033
DAN-13-001US2	USM	US	Granted	14/716,311	5/19/2015	10,012,521	7/3/2018	3/19/2034
DAN-13-293CA1	USM	CA	Granted	2937442	5/21/2014	2,937,442	2/13/2018	5/21/2034
DAN-13-293CN2	USM	CN	Granted	201310680585.1	12/12/2013	ZL201310680585.1	4/2/2019	12/11/2033
DAN-13-293DE01	USM	DE	Granted	14847641.9	5/21/2014	602014059463.8	1/1/2020	5/21/2034
DAN-13-293EP1	USM	EP	Granted	14847641.9	5/21/2014	3066427	1/1/2020	5/21/2034
DAN-13-293RU1	USM	RU	Granted	2016129542	5/21/2014	2627064	8/3/2017	5/21/2034
DAN-13-293US1	USM	US	Granted	14/036,079	9/25/2013	9,255,828	2/9/2016	9/25/2033
DAN-14-05BR1	USM	BR	Applicatio n	BR 1120160214218	3/6/2015			
DAN-14-05CA1	USM	CA	Granted	2943064	3/6/2015	2,943,064	2/26/2019	3/6/2035
DAN-14-05CN2	USM	CN	Granted	201510125075.7	3/20/2015	104931104	10/2/2018	3/20/2035
DAN-14-05DE01	USM	DE	Granted	15765389.0	3/6/2015	60 2015 053 777.7	6/3/2020	3/6/2035
DAN-14-05EP1	USM	EP	Granted	15765389.0	3/6/2015	3120118	6/3/2020	3/6/2035
DAN-14-05IN1	USM	IN	Applicatio n	201617031848	3/6/2015			
DAN-14-05MX1	USM	MX	Granted	MX/a/2016/012116	3/6/2015	358695	8/31/2018	3/6/2035
DAN-14-05RU1	USM	RU	Granted	2016136852	3/6/2015	2660420	7/6/2018	3/6/2035
DAN-14-05US1	USM	US	Granted	14/220,294	3/20/2014	9,295,923	3/29/2016	3/20/2034
DAN-15-01CA1	USM	CA	Applicatio n	2994148	7/28/2016			
DAN-15-01CN1	USM	CN	Granted	201510888167	7/30/2015	106404087	8/16/2019	7/30/2035
DAN-15-01CN2	USM	CN	Granted	201521002365.4	12/7/2015	205879268	1/11/2017	12/7/2035
DAN-15-01EP1	USM	EP	Published Applicatio n	16831360.9	7/28/2016			
DAN-15-01IN1	USM	IN	Applicatio n	2888/MUM/2015	7/30/2015			
DAN-15-01MX1	USM	MX	Applicatio n	MX/a/2018/001336	7/28/2016			
DAN-15-01RU1	USM	RU	Applicatio n	2018104301	7/28/2016			
DAN-15-01US1	USM	US	Granted	14/926,525	10/29/2015	9,823,103	11/21/2017	10/29/2035
DAN-15-02AU1	USM	AU	Granted	201610373	1/25/2016	367468	3/2/2016	1/25/2026
DAN-15-02BR1	USM	BR	Applicatio n	BR 30 2016 000293 2	1/28/2016			
DAN-15-02CA1	USM	CA	Granted	166486	1/21/2016	166486	11/7/2016	11/7/2026
DAN-15-02CN1	USM	CN	Granted	201630029059.3	1/27/2016	201630029059.3	8/10/2016	1/27/2026
DAN-15-02EP1	USM	EP	Granted	002961680	1/27/2016	002961680	1/27/2016	1/27/2036
DAN-15-02IN1	USM	IN	Applicatio n	IN274017	7/30/2015			
DAN-15-02MX1	USM	MX	Granted	MX/f/2016/000319	1/25/2016	54400	12/17/2018	1/25/2041
DAN-15-02MX2	USM	MX	Applicatio n	MX/f/2018/002848	9/18/2018			
DAN-15-02RU1	USM	RU	Granted	2016500175	1/22/2016	103738	6/7/2017	1/22/2041
DAN-15-04CA1	USM	CA	Applicatio n	2980072	3/9/2016			
DAN-15-04CN1	USM	CN	Granted	201610172958.8	3/24/2016	ZL201610172958.8	1/21/2020	3/23/2036



DAN-15-04EP1	USM	EP	Applicatio n	16769303.5	3/9/2016		
DAN-15-04IN1	USM	IN	Published Applicatio n	201717033319	3/9/2016		
DAN-15-04MX1	USM	MX	n	MX/a/2017/012290	3/9/2016		
DAN-15-04RU1	USM	RU	Granted	2017134352	3/9/2016	2705757	11/11/2019 3/9/2036
DAN-15-04US1	USM	US	Granted Applicatio n	14/667,261	3/24/2015	9,506,790	11/29/2016 3/24/2035
DAN-15-06CA1	USM	CA	n	2994145	7/27/2016		
DAN-15-06CN1	USM	CN	Published	201680050783.1	7/27/2016		
DAN-15-06DE01	USM	DE	Granted	16831302.1	7/27/2016	60 2016 037 664.4	6/3/2020 7/27/2036
DAN-15-06EP1	USM	EP	Granted Applicatio n	16831302.1	7/27/2016	3329225	6/3/2020 7/27/2036
DAN-15-06IN1	USM	IN	n Applicatio n	201817003425	7/27/2016		
DAN-15-06MX1	USM	MX	n	MX/a/2018/001337	7/27/2016		
DAN-15-06RU1	USM	RU	Granted	2018104303	7/27/2016	2712963	2/3/2020 7/27/2036
DAN-15-06US1	USM	US	Granted Applicatio n	14/813,886	7/30/2015	9,671,270	6/6/2017 12/10/2035
DAN-15-08BR1	USM	BR	n	BR 11 2018 001901 1	7/28/2016		
DAN-15-08CA1	USM	CA	n	2,994,149	7/28/2016		
DAN-15-08CN1	USM	CN	Published	201510796024.7	7/30/2015		
DAN-15-08CN2	USM	CN	Granted	201520921441.5	7/30/2015	205280160	6/1/2016 7/30/2035
DAN-15-08DE01	USM	DE	Granted	16831364.1	7/28/2016	60 2016 037 992.9	6/10/2020 7/28/2036
DAN-15-08EP1	USM	EP	Granted Applicatio n	16831364.1	7/28/2016	3329226	6/10/2020 7/28/2036
DAN-15-08IN1	USM	IN	n Applicatio n	2889/MUM/2015	7/30/2015		
DAN-15-08MX1	USM	MX	n	MX/a/2018/001334	7/28/2016		
DAN-15-08RU1	USM	RU	Granted	2018103488	7/28/2016	2713092	2/3/2020 7/28/2036
DAN-15-08US1	USM	US	Granted Applicatio n	14/926,563	10/29/2015	9,810,563	11/7/2017 4/27/2036
DAN-18-001CA01	USM	CA	n	3056656	9/25/2019		
DAN-18-001CN01	USM	CN	Applicatio n	201910948982.X	10/9/2019		
DAN-18-001CN02	USM	CN	Applicatio n	201921676501.6	10/8/2019		
DAN-18-001IN01	USM	IN	Applicatio n	201914039134	9/27/2019		
DAN-18-001MX01	USM	MX	Applicatio n	MX/a/2019/011724	9/27/2019		
DAN-18-001RU01	USM	RU	n	2019130401	9/26/2019		
DAN-18-001US1	USM	US	Published Applicatio n	16/149,068	10/1/2018		
DAN-18-005CN01	USM	CN	n	201811249822.8	9/24/2018		
DAN-18-005CN02	USM	CN	Granted	201821743883.5	10/25/2018	209589143	11/5/2019 10/24/2028
DAN-18-005US02	USM	US	Published Applicatio n	16/140,504	9/24/2018		
DAN-18-006CN01	USM	CN	n	201810631544.6	6/19/2018		
DAN-18-006US01	USM	US	Published	15/847,445	12/19/2017		
DAN-18-006WO01	USM	WO	Published Applicatio n	PCT/US18/66560	12/19/2018		
DAN-20-001US01	USM	US	n	16/695,488	11/26/2019		
DAN-20-001WO01	USM	WO	Published	PCT/US2019/063190	11/26/2019		

## Appendix A - Differential Pressure (DP) Patents

DAN Docket #	Type	Country	Status	Application #	Filing Date	Patent #	Issued Date	Exp Date
DAN-04-150BR1	DP	BR	Granted	PI0511260-5	5/17/2005	PI0511260-5	7/31/2018	7/31/2028
DAN-04-150CA1	DP	CA	Granted	2567186	5/17/2005	2567186	10/12/2010	5/17/2025
DAN-04-150CN1	DP	CN	Granted	200580016036.8	5/17/2005	ZL200580016036.8	6/16/2010	5/17/2025
DAN-04-150GB1	DP	GB	Granted	GB2431243	5/17/2005	0622704.5	12/3/2008	5/17/2025
DAN-04-150IN1	DP	IN	Granted	6946/DELNP/2006	5/17/2005	270269	12/8/2015	5/17/2025
DAN-04-150MX1	DP	MX	Granted	MX/a/2011/001874	5/17/2005	341010	8/4/2016	5/17/2025
DAN-04-150MX2	DP	MX	Granted	PA/a/2006/013365	5/17/2006	287099	6/1/2011	5/17/2025
DAN-04-150RU1	DP	RU	Granted	2345246	5/17/2005	2006145173	1/27/2009	5/17/2025
DAN-04-150US1	DP	US	Granted	10/849,087	5/19/2004	7,837,176	11/23/2010	9/18/2025
DAN-04-151CA1	DP	CA	Granted	2,567,152	5/17/2005	2567152	3/16/2010	5/17/2025
DAN-04-151CN1	DP	CN	Granted	200580016034.9	5/17/2005	ZL200580016034.9	5/25/2009	5/17/2025
DAN-04-151GB1	DP	GB	Granted	0622703.7	5/17/2005	GB2428485	10/1/2008	5/17/2025
DAN-04-151HK1	DP	HK	Granted	07109287.6	5/17/2005	HK1101433	12/4/2009	5/17/2025
DAN-04-151US1	DP	US	Granted	10/848,884	5/19/2004	6871666	3/29/2005	5/19/2024
DAN-04-152US1	DP	US	Granted	10/848,883	5/19/2004	7063107	6/20/2006	6/12/2024
DAN-06-172CA1	DP	CA	Granted	2640618	12/6/2006	2640618	11/27/2012	12/6/2026
DAN-06-172CN1	DP	CN	Granted	200680052793.5	12/6/2006	200680052793.5	8/22/2012	12/6/2026
DAN-06-172GB1	DP	GB	Granted	0813674.9	12/6/2006	2447825	4/20/2011	12/6/2026
DAN-06-172IN1	DP	IN	Granted	6567/DELNP/2008	12/6/2006	271933	3/10/2016	12/6/2026
DAN-06-172RU1	DP	RU	Granted	2008136782	12/6/2006	2423672	7/10/2011	12/6/2026
DAN-06-172US1	DP	US	Granted	11/352,663	2/13/2006	7,870,873	1/18/2011	10/20/2029
DAN-06-175CA1	DP	CA	Granted	2645555	3/26/2007	2,645,555	7/17/2012	3/26/2027
DAN-06-175CN1	DP	CN	Granted	200780012045.9	3/26/2007	ZL200780012045.9	8/31/2011	3/26/2027
DAN-06-175IN1	DP	IN	Granted	8049/DELNP/2008	3/26/2007	285197	7/14/2017	3/26/2027
DAN-06-175MX1	DP	MX	Granted	MX/a/2008/012498	3/26/2007	298234	4/17/2012	3/26/2027
DAN-06-175US1	DP	US	Granted	11/278,441	4/3/2006	7357371	4/15/2008	4/3/2026
DAN-07-182US1	DP	US	Granted	11/851,583	9/7/2007	7461563	12/9/2008	9/7/2027
DAN-08-187BR1	DP	BR	Granted	PI0908262-0	8/13/2010	PI0908262-0	5/24/2019	8/13/2030
DAN-08-187CA1	DP	CA	Granted	2712847	2/11/2009	2,712,847	5/28/2013	2/11/2029
DAN-08-187CN1	DP	CN	Granted	200980105455.7	2/11/2009	200980105455	2/11/2009	2/11/2029
DAN-08-187EP1	DP	EP	Granted	09715365.4	2/11/2009	2242998	1/6/2016	2/11/2029
DAN-08-187ES1	DP	ES	Granted	09715365.4	2/11/2009	2242998	1/6/2016	2/11/2029
DAN-08-187GB1	DP	GB	Granted	09715365.4	2/11/2009	2242998	1/6/2016	2/11/2029
DAN-08-187IN1	DP	IN	Granted	5356/DELNP/2010	2/11/2009	288490	10/17/2017	2/11/2029
DAN-08-187MX1	DP	MX	Granted	MX/a/2010/008345	2/11/2009	313041	9/6/2013	2/11/2029
DAN-08-187US1	DP	US	Granted	12/033,452	2/19/2008	8,215,340	7/10/2012	5/12/2031
DAN-08-203US1	DP	US	Granted	12/182,894	7/30/2008	8127792	3/6/2012	1/4/2031
DAN-08-206US2	DP	US	Granted	12/496,384	7/1/2009	8161825	4/24/2012	12/8/2030
DAN-12-283BR1	DP	BR	Applicatio n	BR 11 2015 011008 8	11/11/2013			
DAN-12-283CA1	DP	CA	Granted	2893281	11/11/2013	2,893,281	7/3/2018	11/11/2033
DAN-12-283CN2	DP	CN	Granted	201320515727.4	8/22/2013	201320515727.4	6/25/2014	8/22/2023
DAN-12-283DE01	DP	DE	Granted	13854806.0	11/11/2013	60 2013 061 079.7	9/25/2019	11/11/2033
DAN-12-283EP1	DP	EP	Granted	13854806.0	11/11/2013	2920556	9/25/2019	11/11/2033
DAN-12-283FR01	DP	FR	Granted	13854806.0	11/11/2013	2920556	9/25/2019	11/11/2033
DAN-12-283IN1	DP	IN	Applicatio n	4205/DELNP/2015	11/11/2013			
DAN-12-283MX1	DP	MX	Granted	MX/a/2015/005934	11/11/2013	362157	1/7/2019	11/11/2033
DAN-12-283MX2	DP	MX	Applicatio n	MX/a/2018/010179	11/11/2013			
DAN-12-283NL01	DP	NL	Granted	13854806.0	11/11/2013	2920556	9/25/2019	11/11/2033
DAN-12-283RU1	DP	RU	Granted	2015118057	11/11/2013	2598976	9/8/2016	11/11/2033
DAN-12-283US1	DP	US	Granted	13/676,287	11/14/2012	8,960,017	2/24/2015	5/17/2033
DAN-14-06CA1	DP	CA	Published	2967310	11/6/2015			
DAN-14-06CN1	DP	CN	Granted	201510750634.3	11/6/2015	105588613	6/28/2019	11/6/2035
DAN-14-06CN2	DP	CN	Granted	201520881921.3	11/6/2015	205209573	5/4/2016	11/6/2025
DAN-14-06EP1	DP	EP	Granted	15858015.9	11/6/2015	3215813	4/1/2020	11/6/2035
DAN-14-06GB01	DP	GB	Granted	15858015.9	11/6/2015	3215813	4/1/2020	11/6/2035

DAN-14-06MX1	DP	MX	Application	MX/a/2017/005937	11/6/2015		
DAN-14-07CA1	DP	CA	Published	2982949	4/13/2016		
DAN-14-07CN1	DP	CN	Granted	201610237287.9	4/15/2016	106052782	6/7/2019 4/15/2036
DAN-14-07EP1	DP	EP	Granted	16780646.2	4/13/2016	3283852	5/6/2020 4/13/2036
DAN-14-07GB01	DP	GB	Granted	16780646.2	4/13/2016	3283852	5/6/2020 4/13/2036
DAN-14-07IN1	DP	IN	Published	201717036841	4/13/2016		
DAN-14-07MX1	DP	MX	Application	MX/a/2017/013361	4/13/2016		
DAN-14-07RU1	DP	RU	Granted	2017137952	4/13/2016	2705659	11/11/2019 4/13/2036
DAN-14-07US2	DP	US	Granted	15/098,014	4/13/2016	9,841,303	12/12/2017 4/13/2036
DAN-14-08CA1	DP	CA	Application	2970484	12/9/2015		
DAN-14-08CN1	DP	CN	Granted	201510923144.9	12/12/2014	ZL201510923144.9	10/22/2019 12/11/2034
DAN-14-08EP1	DP	EP	Granted	15866780.8	12/9/2015	3230695	2/5/2020 12/9/2035
DAN-14-08GB01	DP	GB	Granted	15866780.8	12/9/2015	3230695	2/5/2020 12/9/2035
DAN-14-08IN1	DP	IN	Published	201717020466	12/9/2015		
DAN-14-08MX1	DP	MX	Application	MX/a/2017/007659	12/9/2015		
DAN-14-08RU1	DP	RU	Granted	2017123570	12/9/2015	2694168	7/9/2019 12/9/2035
DAN-14-08US2	DP	US	Granted	14/963,950	12/9/2015	10,036,512	7/31/2018 9/1/2036
DAN-15-005CA1	DP	CA	Application	2993298	8/11/2016		
DAN-15-005CN1	DP	CN	Granted	201510514628.8	7/22/2015	ZL201510514628.8	12/10/2019 7/22/2035
DAN-15-005MX1	DP	MX	Application	MX/a/2018/000914	7/15/2016		
DAN-15-07CA1	DP	CA	Application	2995195	8/11/2016		
DAN-15-07CN1	DP	CN	Published	201680052990	8/11/2016		
DAN-15-07EP1	DP	EP	Published	16835881	8/11/2016		
DAN-15-07IN1	DP	IN	Application	201817005199	8/11/2016		
DAN-15-07MX1	DP	MX	Application	MX/a/2018/001823	8/11/2016		
DAN-15-07RU1	DP	RU	Application	2018106307	8/11/2016		
DAN-15-07US1	DP	US	Granted	14/824,246	8/12/2015	9,933,289	4/3/2018 8/12/2035
DAN-18-004BR01	DP	BR	Application	BR 10 2019 002005 9	1/31/2019		
DAN-18-004CA01	DP	CA	Application	3031878	1/29/2019		
DAN-18-004CN01	DP	CN	Application	201810224817.5	3/19/2018		
DAN-18-004CN02	DP	CN	Granted	201820373161.9	3/19/2018		1/15/2019 3/8/2028
DAN-18-004CN02	DP	CN	Granted	208383203	3/19/2018	201820373161.9	1/15/2019 7/21/2026
DAN-18-004IN01	DP	IN	Application	201914003876	1/31/2019		
DAN-18-004MX01	DP	MX	Application	MX/a/2019/001277	1/29/2019		
DAN-18-004RU01	DP	RU	Application	2019102642	1/30/2019		
DAN-18-004US01	DP	US	Granted	15/887,610	2/2/2018		1/28/2020 2/28/2038

Appendix A - Daniel Trademarks

Table with 11 columns: Trademark, Mark Type, Class, Status, Registration No., Filing Date, Publication No., Publication Date, Class, Goods and Services, and Int. #.





## Appendix A - Differential Pressure (DP)

Trademark	Mark Type	Country	Status	Application No.	Filing Date	Registration No.	Registration Date	Class	Goods and Services	CR ref. #
DANIEL SENIOR	Word - Block Letters	India	Registered	1655032	5/3/2007	779762	3/14/2009	8	[6] IC 06 - Metallic parts & fittings for orifice measurement products and flow meters, pipes, tubing conduits, joints, material expansion and couplings, connections and fittings therefore, metal bellows and metal tubing orifice metering tubes and orifice metering parts therefore.	1787-73200
FLANGNEK	Word - Block Letters	Argentina	Registered	1474238	2/4/1985	2841076	8/25/2017	8	[6] IC 06 - All goods included in International Class 06 (per renewal registration dt 2007).	1787-04800
FLANGNEK	Word - Block Letters	Argentina	Registered	1474239	2/4/1985	2831961	6/28/2017	7	[7] IC 07 - All goods included in International Class 07 (per renewal registration dt 2007).	1787-04801
FLANGNEK	Word - Block Letters	China	Registered	5864526		5864526	11/14/2009	7	[7] IC 07 - Throttling device and parts thereof.	1787-04805
FLANGNEK	Word - Block Letters	Mexico	Registered	249890	5/31/1985	332919	9/24/1987	9	[9] IC 09 - Orifice metering equipment, such as orifice fitting, plates, sealing units, metering tubes, plate holders and parts thereof.	1787-04802
JUNIOR	Word - Block Letters	Brazil	Registered	811991369	5/17/1985	811991369	1/2/1991	8	[9] IC 09 - Scientific, medical, dental and veterinary apparatus and instruments; [09.15] Signalling, alarm, control, inspection, protection and security apparatus and instruments; [09.20] Parts and components of apparatus and instruments; [09.30].	1787-04702
JUNIOR	Word - Block Letters	China	Registered	5864532		5864532	11/14/2009	7	[7] IC 07 - Orifice fittings (parts of throttling device), orifice plates (parts of throttling device); orifice sealing units (mechanical seal); throttling device and parts thereof.	1787-04706
JUNIOR	Word - Block Letters	Mexico	Registered	249892	5/31/1980	330781	8/12/1987	9	[9] IC 09 - Orifice metering equipment, such as orifice fittings, plates, sealing units, metering tubes & parts thereof.	1787-04703
JUNIOR	Word - Block Letters	United States of America	Registered	72/240.076	3/3/1966	852.277	7/9/1988	9	[9] IC 09 - Orifice metering equipment, such as orifice fittings, plates, sealing units, metering tubes, and parts thereof.	1787-04705
PROFILER	Word - Block Letters	China	Registered	5864524		5864524	1/21/2011	9	[9] IC 09 - Flow conditioning plate (round plate with multiple holes which is used for flow conditioning for flowmeters).	1787-25700
SENIOR	Word - Block Letters	China	Registered	5864514		5864514	11/14/2009	7	[7] IC Orifice fittings (parts of throttling device); orifice plates (parts of throttling device); orifice sealing units (mechanical seal); throttling device and parts thereof, in International Class 07.	1787-09302
SENIOR	Word - Block Letters	United States of America	Registered	72/240.078	3/3/1966	852.278	7/9/1988	9	[9] IC 09 - Orifice metering equipment, such as orifice fittings, plates, sealing units, metering tubes, and parts thereof.	1787-09300
SENIOR (Class 009)	Word - Block Letters	China	Registered	8844116	11/5/2010	8844116	5/7/2014	9		1787-09303
SIMPLEX	Word - Block Letters	Argentina	Registered	2167175	8/1/1988	2.369.245	3/23/1999	7	[7] IC 07 - All goods included in Class 7, except: washing, wringing and drying machines and dish washing machines; ironing machines; centrifugal clothes dryers; mechanic sweepers; non industrial cleaning, waxing and polishing machines; agricultural machines and implements; agricultural instruments, sowers; harvesters, ploughs; building tools and tools for re-drilling wells, casing hangers and running tools for casing hangers; liquefiers; dusting and spraying apparatus for curing plants and destroying locust; milking machines	1787-03400
SIMPLEX	Word - Block Letters	India	Registered	1657633	5/11/2007	853697	3/29/2010	16	[16] IC 16 - General flow measurement technical papers printed certificates, manuals, brochures, instructional & teaching materials (other than apparatus), charts, drawings; books & publications of all kinds; computer programmes (printed), description; paper & paper articles; printed matter; periodicals; advertising materials; advertisement & publicity media (printed); office requisites (other than furniture); stationery.	1787-03411
SIMPLEX	Word - Block Letters	Mexico	Registered	84328	3/29/1990	408591	2/12/1992	7	[7] IC 07 - Orifice plate holders and parts thereof.	1787-03403
SIMPLEX	Word - Block Letters	United States of America	Registered	72/240.074	3/3/1966	858.267	10/29/1988	9	[9] IC 09 - Orifice plate holders and parts thereof	1787-03405
WELDNEK	Word - Block Letters	China	Registered			5864525	11/14/2009	7	[7] IC 07 - Throttling device and parts thereof.	1787-72900

## Appendix A - Control Valves or Turbine Meters (M&amp;C)

Trademark	Mark Type	Country	Status	Application No.	Filing Date	Registration No.	Registration Date	Class	Goods and Services	CR ref. #
DANLOAD	Word - Block Letters	India	Registered	1557624	5/11/2007	781664	3/16/2009	9	[9] IC 09 - Flow measurement apparatus namely gas and fluid flow equipment including differential orifice measurement products namely turbine meters, ultrasonic flow meters, electronic flow computers, gas chromatographs, flow measurement apparatus, gate valves, surge relief and flow control valves and valve actuators and controls and computers and computer software for controlling the gas and fluid equipment.	1787-08901
DANLOAD	Word - Block Letters	India	Registered	1557632	5/11/2007	811752	1/21/2011	16	[16] IC 16 - General flow measurement technical papers; printed certificates, manuals, brochures, instructional & teaching materials (other than apparatus); charts, drawings; books & publication for all kinds; computer programmes (printed), computer prints outs, printed operating instructions; cards of all kinds & description; paper & paper articles; printed matter; periodicals; advertising materials; advertisement & publicity media (printed); office requisites (other than furniture); stationary.	1787-25100
PETROCOUNT	Word - Block Letters	India	Registered	1557622	5/11/2007	811753	1/21/2011	9	[9] IC 09 - Flow measurement apparatus, namely gas and fluid flow equipment, including differential orifice measurement products, namely turbine meters, ultrasonic flow meters, electronic flow computers, gas chromatographs, flow measurement apparatus, gate valves, surge relief and flow control valves and valve actuators and controls and computers and computer software for controlling the gas and fluid flow equipment.	1787-25200



## Daniel Domain Name

Domain	Type	Country	Status	Application No.	Filing Date	Registration No.	Registration Date	Class	Goods and Services
DANIEL.COM	Internet Domain Name	United States of America	Registered	76/350,856	12/14/2001	2,821,563	3/9/2004	42	[42] IC 42 - Technical consulting and research in the field of oil and gas flow measurement.

## Daniel Copyrights

Title of Work	Type	Country	Status	Registration No.	Registration Date	Remarks	CR Ref. #
Computer Program	Copyright	United States of America	Registered	TX 7-210-288	3/8/2010	CUI 5 computer program. Year of completion: 2009. Date of 1st Publication: 7/1/2009. Date of expiration: 7/1/2104	1787-21600