

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

EPAS ID: PAT6588630

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Execution Date
FLANDERS ELECTRIC MOTOR SERVICE, LLC	03/01/2021

**RECEIVING PARTY DATA**

<b>Name:</b>	REGIONS BANK, AS ADMINISTRATIVE AGENT
<b>Street Address:</b>	1180 WEST PEACHTREE STREET, N.W.
<b>Internal Address:</b>	SUITE 1000
<b>City:</b>	ATLANTA
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30309

**PROPERTY NUMBERS Total: 22**

Property Type	Number
Patent Number:	8261855
Patent Number:	8567523
Patent Number:	9316053
Patent Number:	8261856
Patent Number:	9194183
Patent Number:	9995128
Patent Number:	10494868
Patent Number:	8265833
Patent Number:	8577557
Patent Number:	8965636
Patent Number:	9284167
Patent Number:	10114383
Patent Number:	10732646
Patent Number:	9678508
Patent Number:	9329596
Patent Number:	8910751
Patent Number:	10072397
Patent Number:	8788155
Patent Number:	9328482

PATENT

Property Type	Number
Patent Number:	9334631
Patent Number:	9328483
Patent Number:	10048154

**CORRESPONDENCE DATA**

**Fax Number:** (404)522-8409

*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:** 4044205527

**Email:** rjk@phrd.com

**Correspondent Name:** RHONDA J. KENYERI, PARALEGAL

**Address Line 1:** 303 PEACHTREE STREET, SUITE 3600

**Address Line 4:** ATLANTA, GEORGIA 30308

**NAME OF SUBMITTER:** KATHLEEN O. CURREY

**SIGNATURE:** /koc/

**DATE SIGNED:** 03/08/2021

**Total Attachments: 13**

- source=09. Patent Security Agreement (Flanders)#page1.tif
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## PATENT SECURITY AGREEMENT

This **PATENT SECURITY AGREEMENT** (this "Agreement") dated March 1, 2021, is by and between **REGIONS BANK**, an Alabama banking corporation in its capacity as collateral and administrative agent for various financial institutions ("Lenders") having an office at 1180 West Peachtree Street, N.W., Suite 1000, Atlanta, Georgia 30309 (together with its successors in such capacity, "Administrative Agent"), and **FLANDERS ELECTRIC MOTOR SERVICE, LLC**, a Delaware limited liability company ("FEMS" or the "Company"), having its principal place of business at 8755 W. Higgins Road, Suite 650, Chicago, IL 60631.

### Recitals:

The Company desires to obtain loans and other financial accommodations from certain financial institutions (collectively, the "Lenders", and each individually, a "Lender") that are parties from time to time to that certain Credit Agreement dated on or about the date hereof (as at any time amended, restated, supplemented or otherwise modified, the "Credit Agreement") by and among Company, certain Subsidiaries and Affiliates of the Company, Administrative Agent, Lenders, and certain other parties designated as "Borrowers," "Guarantors," or "Credit Parties" thereunder from time to time.

Administrative Agent and Lenders are willing to make loans and other financial accommodations to the Company from time to time pursuant to the terms of the Credit Agreement, provided that the Company executes this Agreement.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Company hereby agrees with Administrative Agent as follows:

1. Capitalized terms used herein (including those used in the Recitals hereto), unless otherwise defined, shall have the meanings ascribed to them in the Credit Agreement.

2. To secure the prompt payment and performance of all of the Obligations and the Guaranteed Obligations (as defined in each Guaranty), the Company hereby grants, assigns and pledges to Administrative Agent, for the benefit of itself, Lenders, and the other Secured Parties, a continuing security interest in and Lien upon all of the following property of the Company, whether now owned or existing or hereafter created or acquired (collectively, the "Patent Collateral"):

(a) the entire right, title and interest of the Company in and to the patent applications and patents listed in Exhibit A attached hereto (as the same may be amended from time to time), and all re-issues, divisions, continuations, renewals, extensions and continuations-in-part thereof, including, without limitation, the right to sue for past, present and future infringements and rights corresponding thereto throughout the world (all of the foregoing being herein collectively referred to as the "Patents"); and

(b) all proceeds of the foregoing (such as, by way of example, license royalties and proceeds of infringement suits).

3. The Company represents and warrants to Administrative Agent that:

(a) Each of the Patents is subsisting and has not been adjudged invalid or unenforceable, in whole or in part;

(b) The Company is the sole and exclusive owner of the entire right, title and interest

in and to each of the Patents, free and clear of any Liens other than Permitted Liens;

(c) The Company has the unqualified right to enter into this Agreement and perform its terms; and

(d) The Company has used, and will continue to use for the duration of this Agreement, proper statutory notice in connection with its use of the Patents and has made, and will continue to make, all appropriate filings with the United States Patent and Trademark Office and any applicable foreign filing offices to maintain the Patents in existence, including, without limitation, filing all necessary documents with the United States Patent and Trademark Office and any applicable foreign filing offices for each Patent to maintain it without loss of protection therefor.

4. Until Payment in Full of all of the Obligations, the Company shall not enter into any license agreement relating to any of the Patents with any Person except non-exclusive licenses to customers, vendors, suppliers, agents or other service providers of the Company in the regular and ordinary course of the Company's business as presently conducted and for reasonable and customary compensation and shall not become a party to any agreement with any Person that is inconsistent with the Company's obligations under this Agreement.

5. If, before Payment in Full of all of the Obligations, the Company shall obtain rights to any new patentable inventions, or become entitled to the benefit of any patent application or patent for any reissue, division, continuation, renewal, extension or continuation-in-part of any Patent or any improvement on any Patent, the provisions of Section 2 hereof shall automatically apply thereto, and the Company shall give to Administrative Agent prompt notice thereof in writing.

6. The Company irrevocably authorizes and empowers Administrative Agent to modify this Agreement by amending Exhibit A to include any future patents and patent applications.

7. [Reserved].

8. At any time that an Event of Default exists Administrative Agent shall have, in addition to all other rights and remedies given it by this Agreement and the other Loan Documents, all rights and remedies of a secured party under the UCC and all other rights and remedies under Applicable Law. Without limiting the generality of the foregoing, Administrative Agent may immediately, for the benefit of Lenders, without demand of performance and without other notice (except as described in the next sentence, if required by Applicable Law), or demand whatsoever to the Company, each of which the Company hereby expressly waives, collect directly any payments due the Company in respect of the Patent Collateral, or sell at public or private sale or otherwise realize upon the whole or from time to time, any of the Patent Collateral, or any interest which the Company may have therein. The Company hereby agrees that ten (10) days written notice to the Company of any public or private sale or other disposition of any of the Patent Collateral shall be reasonable notice; provided, however, that no notice shall be required hereunder if not otherwise required by Applicable Law. At any such sale or disposition, Administrative Agent may, to the extent permitted by Applicable Law, purchase the whole or any part of the Patent Collateral sold, free from any right of redemption on the part of the Company, which right the Company hereby waives and releases. After deducting from the proceeds of such sale or other disposition of the Patent Collateral all reasonable costs and expenses incurred by Administrative Agent in enforcing its rights hereunder (including, without limitation, all reasonable attorneys' fees), Administrative Agent shall apply the remainder of such proceeds to the payment of the Obligations, in such order and manner as may be authorized or required by the Credit Agreement. Any remainder of the proceeds after Payment in

Full of all of the Obligations shall be paid over to the Company. If any deficiency shall arise, each Borrower and each Guarantor of the Obligations shall remain jointly and severally liable therefor.

9. The Company hereby makes, constitutes and appoints Administrative Agent, and any officer or agent of Administrative Agent as Administrative Agent may select, as the Company's true and lawful attorney-in-fact, with full power to do any or all of the following if an Event of Default shall exist: to endorse the Company's name on all applications, documents, papers and instruments necessary for Administrative Agent to continue the maintenance of or to use the Patents, or to grant or issue any exclusive or nonexclusive license under the Patents to any other Person to facilitate the exercise of remedies by Administrative Agent under the Loan Documents, or to assign, pledge, convey or otherwise transfer title in or dispose of any Patent Collateral to any other Person. The Company hereby ratifies all that such attorney shall lawfully do or cause to be done by virtue hereof. This power of attorney, being coupled with an interest, shall be irrevocable until Payment in Full of all of the Obligations.

10. Any and all reasonable and out-of-pocket fees, costs and expenses, of whatever kind or nature (including, without limitation, reasonable attorneys' fees and legal expenses) incurred by Administrative Agent in connection with the preparation of this Agreement and any other documents relating hereto and the consummation of this transaction, the filing or recording of any documents (including, without limitation, all taxes in connection therewith) with the United States Patent and Trademark Office or in any other public offices, the payment or discharge of any taxes, counsel fees, maintenance fees, Liens or otherwise protecting, maintaining, or preserving the Patent Collateral, or in defending or prosecuting any actions or proceedings arising out of or related to any Patent Collateral, shall be borne and paid, jointly and severally, by the Company in accordance with the Credit Agreement (it being the intent of the Company and Administrative Agent that the Company shall be responsible for the payment of all reasonable sums, fees, out-of-pocket costs and expenses, including, without limitation, all maintenance fees payable with respect to the Patents) or, if paid by Administrative Agent in its sole discretion, shall be reimbursed by the Company in accordance with the Credit Agreement.

11. The Company shall notify Administrative Agent in writing of any material infringements of the Patent Collateral. The Company shall not abandon any pending patent application or Patent, without the consent of Administrative Agent, unless the Company has determined that such patent application or Patent is no longer necessary or material to the conduct of its business.

12. Notwithstanding anything to the contrary contained in Section 11 hereof, at any time that an Event of Default exists, Administrative Agent shall have the right, but shall in no way be obligated, to bring suit instead in its own name to enforce the Patents and any license hereunder, or to defend any suit or counterclaim in its own name to protect the Patents or any license hereunder, in either of which events the Company shall at the request of Administrative Agent do any and all lawful acts (including bringing suit) and execute any and all proper documents required by Administrative Agent to aid such enforcement, or defense, and the Company shall promptly, in accordance with the Credit Agreement, reimburse and indemnify Administrative Agent for all reasonable costs and expenses incurred in the exercise of Administrative Agent's rights under this Section 12.

13. If the Company fails to comply with any of its obligations hereunder and at the time of such failure or as a result thereof an Event of Default exists, then to the extent permitted by Applicable Law, Administrative Agent may discharge such obligations in the Company's name or in Administrative Agent's name, in Administrative Agent's sole discretion, but at the Company's expense, and the Company agrees, in accordance with the Credit Agreement, jointly and severally, to reimburse Administrative Agent in full for all expenses, including, without limitation, reasonable attorneys' fees, incurred by Administrative Agent in prosecuting, defending or maintaining the Patents or Administrative Agent's interest therein pursuant to this Agreement.

14. No course of dealing between the Company and Administrative Agent or any Lender, nor any failure to exercise, nor any delay in exercising, on the part of Administrative Agent or any Lender, any right, power or privilege hereunder or under any of the other Loan Documents shall operate as a waiver thereof; nor shall any single or partial exercise of any right, power or privilege hereunder or thereunder preclude any other or further exercise thereof or the exercise of any other right, power or privilege.

15. All of Administrative Agent's rights and remedies with respect to the Patent Collateral, whether established hereby or by any of the other Loan Documents, or by any other agreements or by Applicable Law shall be cumulative and may be exercised singularly or concurrently.

16. The provisions of this Agreement are severable, and if any clause or provision shall be held invalid and unenforceable in whole or in part in any jurisdiction, then such invalidity or unenforceability shall affect only such clause or provision, or part thereof, in such jurisdiction, and shall not in any manner affect such clause or provision in any other jurisdiction, or any other clause or provision of this Agreement in any jurisdiction.

17. This Agreement, together with the other Loan Documents, constitutes and expresses the entire understanding of the parties hereto with respect to the subject matter hereof, and supersedes all prior agreements and understandings, inducements or conditions, whether expressed or implied, oral or written. This Agreement is subject to modification only by a writing signed by the parties, except as provided in Section 6 hereof.

18. The benefits and burdens of this Agreement shall inure to the benefit of and be binding upon the successors and assigns of Administrative Agent and upon the successors and permitted assigns of the Company. The Company shall not assign its rights or delegate its duties hereunder without the prior written consent of Administrative Agent.

19. The Company hereby waives notice of Administrative Agent's acceptance hereof.

20. This Agreement shall be governed by and construed in accordance with the internal laws of the State of New York.

21. This Agreement may be executed in counterparts, each of which shall be an original and all of which taken together shall constitute one agreement. Delivery of a signature page hereof by telecopy or electronic mail shall be as effective as delivery of a manually executed counterpart to Administrative Agent.


**22. To the fullest extent permitted by Applicable Law, the Company and Administrative Agent each waives the right to trial by jury in any action, suit, proceeding or counterclaim of any kind arising out of or related to this Agreement or the Patent Collateral.**

[Remainder of page intentionally left blank;  
signatures appear on the following pages.]

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed and delivered by its duly authorized representative on the day and year first above written.

COMPANY:

**FLANDERS ELECTRIC MOTOR  
SERVICE, LLC,**  
a Delaware limited liability company

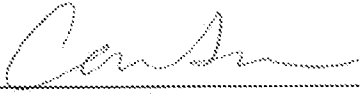
By:   
Name: **Brent Willson**  
Title: Vice President, Treasurer and Secretary

[Signatures continue on the following page]

Accepted:

ADMINISTRATIVE AGENT:

**REGIONS BANK,**  
as administrative agent

By:  \_\_\_\_\_

Name: **Carrie Glick**

Title: **Managing Director**



**EXHIBIT A**

Patents

<b>Title</b>	<b>Pub. No.</b>	<b>App. No.</b>	<b>App. Date</b>	<b>Owner</b>
[EN] METHODS AND SYSTEMS FOR DRILLING BOREHOLES	AU2010319730	AU20100319730	20101108	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] METHODS AND SYSTEMS FOR DRILLING BOREHOLES	AU2015200749	AU20150200749	20150213	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] METHODS AND SYSTEMS FOR DRILLING BOREHOLES	AU2017248445	AU20170248445	20171017	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] METHODS AND SYSTEMS FOR DRILLING BOREHOLES	AU2019206072	AU20190206072	20190718	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] METHODS AND SYSTEMS FOR DRILLING BOREHOLES	BR112012011271	BR20121111271	20101108	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] METHODS AND SYSTEMS FOR DRILLING BOREHOLES	BR122013028904	BR20131228904	20101108	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] METHODS AND SYSTEMS FOR DRILLING BOREHOLES	BR122013028906	BR20131228906	20101108	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] METHODS AND SYSTEMS FOR DRILLING BOREHOLES	BR122013028913	BR20131228913	20101108	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] METHODS AND SYSTEMS FOR DRILLING BOREHOLES	CL52273	CL20120001220	20120510	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] METHODS AND SYSTEMS FOR DRILLING BOREHOLES	US8261855	US20100940577	20101105	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] METHODS AND SYSTEMS FOR	US8567523	US20120524608	20120615	Flanders Electric Motor Service, LLC,

Title	Pub. No.	App. No.	App. Date	Owner
DRILLING BOREHOLES				successor by conversion to Flanders Electric Motor Service, Inc.
[EN] METHODS AND SYSTEMS FOR DRILLING BOREHOLES	US9316053	US20120524623	20120615	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] METHODS AND SYSTEMS FOR DRILLING BOREHOLES	US8261856	US20120524631	20120615	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] METHODS AND SYSTEMS FOR DRILLING BOREHOLES	US9194183	US20130045553	20131003	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] METHODS AND SYSTEMS FOR DRILLING BOREHOLES	US9995128	US20150926802	20151029	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] METHODS AND SYSTEMS FOR DRILLING BOREHOLES	US10494868	US20180988287	20180524	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] SYSTEMS AND METHODS FOR DETECTING JACK CONTACT WITH GROUND	AU2010319724	AU20100319724	20101108	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[PT] SISTEMAS E METODOS PARA DETECTAR CONTACTO DE MACACO COM O SOLO	BR112012011269	BR20121111269	20101108	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[ES] METODO PARA DETERMINAR EL CONTACTO DE AL MENOS UNA GATA EN UN VEHICULO CON LA TIERRA MONITOREANDO AL MENOS UNO DEL ANGULO DE INCLINACION Y DEL ANGULO DE ALABEO DEL VEHICULO, EN QUE EL CONTACTO CON LA TIERRA ES INDICADO CUANDO AL MENOS UNO DE LOS ANGULOS HA CAMBIADO POR AL MENOS UN VALOR DE PUNTO DE REFERENCIA; Y SISTEMA ASOCIADO	CL52097	CL20120001218	20120510	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] SYSTEMS AND METHODS FOR	US8265833	US20090616358	20091111	Flanders Electric Motor Service, LLC,

Title	Pub. No.	App. No.	App. Date	Owner
DETECTING JACK CONTACT WITH GROUND				successor by conversion to Flanders Electric Motor Service, Inc.
[EN] SYSTEMS AND METHODS FOR DETECTING JACK CONTACT WITH GROUND	US8577557	US20120587490	20120816	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] SYSTEMS AND METHODS FOR DETECTING JACK CONTACT WITH GROUND	US8965636	US20130060139	20131022	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] DYNAMIC JACK REFERENCE CONTROL SYSTEM AND METHOD FOR EXTENDING VEHICLE JACKS	AU2010319728	AU20100319728	20101108	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[PT] SISTEMA DE CONTROL DE REFERENCIA DE MACACO DINAMICO E METODO PARA ESTENDER MACACOS DE VEICULOS	BR112012011266	BR20121111266	20101108	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[ES] METODO PARA EXTENDER AL MENOS UNA GATA EN UN VEHICULO, QUE COMPRENDE SENSAR UN ANGULO DE INCLINACION Y/O ALABEO DEL VEHICULO, PRODUCIR VALORES DE REFERENCIA EN VELOCIDAD DE LA GATA BASADOS EN LOS ANGULOS SENSADOS, Y EXTENDER LA AL MENOS UNA GATA A VELOCIDADES QUE SE RELACIONAN CON TALES VALORES; Y SISTEMA DE CONTROL ASOCIADO	CL52272	CL20120001219	20120510	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] DYNAMIC JACK REFERENCE CONTROL SYSTEM AND METHOD FOR EXTENDING VEHICLE JACKS	US9284167	US20090616380	20091111	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] DYNAMIC JACK REFERENCE CONTROL SYSTEM AND METHOD FOR EXTENDING VEHICLE JACKS	US10114383	US20160056451	20160229	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] DYNAMIC JACK REFERENCE CONTROL SYSTEM AND METHOD FOR EXTENDING VEHICLE JACKS	US10732646	US20180131466	20180914	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.

Title	Pub. No.	App. No.	App. Date	Owner
[EN] SYSTEMS AND METHODS FOR CONTROLLING POSITIONS AND ORIENTATIONS OF AUTONOMOUS VEHICLES	AU2010319732	AU20100319732	20101108	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[PT] SISTEMAS, METODOS E MIDIA LEGIVEL POR COMPUTADOR PARA CONTROLAR POSICOES E ORIENTACOES DE VEICULOS AUTONOMOS	BR112012011674	BR20121111674	20101108	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[ES] UN METODO Y SISTEMA PARA CONTROLAR Y PRODUCIR COMANDOS DE CONTROL PARA UN VEHICULO AUTONOMO	CL54455	CL20120001256	20120514	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] SYSTEMS AND METHODS FOR CONTROLLING POSITIONS AND ORIENTATIONS OF AUTONOMOUS VEHICLES	US9678508	US20090619367	20091116	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] SYSTEMS AND METHODS FOR CONTROLLING POSITIONS AND ORIENTATIONS OF AUTONOMOUS VEHICLES	US9329596	US20140294686	20140603	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] BEARING LUBRICATION SYSTEM	US8910751	US20100795948	20100608	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] PAYLOAD MANAGEMENT SYSTEM	AU2013290553	AU20130290553	20130712	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] PAYLOAD MANAGEMENT SYSTEM	CL57221	CL20150000088	20150113	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] PAYLOAD MANAGEMENT SYSTEM	US10072397	US20170420661	20170131	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] OPTIMIZED BANK PENETRATION SYSTEM	AU2013290552	AU20130290552	20130712	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.

Title	Pub. No.	App. No.	App. Date	Owner
[EN] OPTIMIZED BANK PENETRATION SYSTEM	AU2015201830	AU20150201830	20150413	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] OPTIMIZED BANK PENETRATION SYSTEM	AU2015201831	AU20150201831	20150413	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] OPTIMIZED BANK PENETRATION SYSTEM	AU2015201832	AU20150201832	20150413	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[ES] METODO PARA OPTIMIZAR EL RENDIMIENTO DE UNA MAQUINA EN UNA PLURALIDAD DE CASOS DE CARGA QUE COMPRENDE DETERMINAR UN CASO DE CARGA MAXIMA QUE IMPLICA LA APLICACION DE UNA FUERZA MAXIMA A UN ELEMENTO DE LA MAQUINA; SISTEMA PARA OPTIMIZAR EL RENDIMIENTO DE PENETRACION EN BANCOS EN UNA PLURALIDAD DE CASOS DE CARGA	CL57222	CL20150000089	20150113	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[ES] METODO PARA OPTIMIZAR EL RENDIMIENTO DE UNA MAQUINA QUE COMPRENDE DETERMINAR UNA FUERZA DE ELEVACION DE CARGA MAXIMA, DETERMINAR UNA CARGA MAXIMA EN ELEMENTOS DE JUNTA, DONDE LA FUERZA DE ELEVACION APLICADA EXCEDE LA FUERZA DE ELEVACION DE CARGA MAXIMA DURANTE AL MENOS UNO DE UNA PLURALIDAD DE CASOS DE CARGA. (DIVISIONAL SOL. 201500089)	CL59328	CL20180000250	20180126	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[ES] METODO PARA OPTIMIZAR EL RENDIMIENTO DE UNA MAQUINA QUE COMPRENDE DETERMINAR UNA FUERZA DE ELEVACION DE CARGA MAXIMA, (DIVISIONAL SOL. 201500089)	CL2019002050	CL20190002050	20190723	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.

Title	Pub. No.	App. No.	App. Date	Owner
DETERMINAR UNA CARGA MAXIMA EN ELEMENTOS DE JUNTA, DONDE LA FUERZA DE ELEVACION APLICADA EXCEDE LA FUERZA DE ELEVACION DE CARGA MAXIMA DURANTE AL MENOS UNO DE UNA PLURALIDAD DE CASOS DE CARGA. (DIVISIONAL SOLICITUD 201800250)				
[EN] OPTIMIZED BANK PENETRATION SYSTEM	US8788155	US20130795703	20130312	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] OPTIMIZED BANK PENETRATION METHOD	US9328482	US20140309823	20140619	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] METHOD FOR CALIBRATING STRAIN TRANSDUCERS	US9334631	US20140309827	20140619	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] METHOD FOR DETERMINING LOAD ON POWER SHOVEL MEMBER	US9328483	US20140309831	20140619	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] BOOM CALIBRATION SYSTEM	AU2015247635	AU20150247635	20150416	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] BOOM CALIBRATION SYSTEM	CA2943629	CA20152943629	20150416	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] BOOM CALIBRATION SYSTEM	CL60091	CL20160002632	20161017	FLANDERS ELECTRIC MOTOR SERVICE INC
[EN] BOOM CALIBRATION SYSTEM	CO20160002963	CO20160002963	20161013	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] BOOM CALIBRATION SYSTEM	MX360840	MX20160013356	20150416	Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.
[EN] BOOM CALIBRATION SYSTEM	PE20161457	PE20160002002	20150416	Flanders Electric Motor Service, LLC,

Title	Pub. No.	App. No.	App. Date	Owner
[EN] BOOM CALIBRATION SYSTEM	US10048154	US20150687524	20150415	successor by conversion to Flanders Electric Motor Service, Inc. Flanders Electric Motor Service, LLC, successor by conversion to Flanders Electric Motor Service, Inc.

PATENT

REEL: 055520 FRAME: 0150

RECORDED: 03/08/2021