



Señora

Sandra Isabel Calderón Rodríguez

Directora de Nuevas Creaciones

Superintendencia de Industria y Comercio

E. S. D.

Referencia: Solicitud de Patente PCT denominada **“CONFIGURACIÓN DEL SISTEMA DE BOMBEO EN UNA BOMBA SUMERGIBLE ELÉCTRICA”**

Asunto: Respuesta al oficio No. 4051 de 26 de marzo de 2025

Expediente No. NC2025/0003002

Juan Carlos Cuesta Quintero, mayor de edad, identificado como aparece al pie de mi firma, obrando en mi calidad de apoderado del señor **LAWRENCE BURLEIGH**, doy respuesta al Oficio No. 4051 de 26 de marzo de 2025, bajo los siguientes términos:

1. Poder

El Examinador manifiesta que, revisados los documentos de la solicitud, debe allegar el poder debidamente conferido al abogado que se menciona como apoderado en la solicitud, de acuerdo con lo establecido en el artículo 26 literal f) de la Decisión 486.

En respuesta a lo indicado por el Examinador, junto al presente memorial se adjunta el poder debidamente conferido al abogado, Juan Carlos Cuesta Quintero, apoderado del señor **LAWRENCE BURLEIGH** y las hojas sustitutas del petitorio presentado por el



solicitante el 05 de marzo de 2024, en la cual se observa que el Señor **LAWRENCE BURLEIGH**, es el solicitante e inventor de la solicitud No. PCT/US2023/030791, que ingreso a la Fase Nacional en Colombia el 07 de marzo de 2024.

Cualquier aclaración adicional, estamos prestos a presentar la información necesaria para que secontinúe con el trámite de la solicitud y se otorgue el derecho de patente para la invención de la referencia.

Cordialmente,

Juan Carlos Cuesta Quintero

C.C. 79.339.809 de Bogotá

T.P. 43.273 del C.S. de la J.

11 November 2023 (11.11.2023)

PCT

REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office use only

PCT/US23/30791

International Application No.

22 August 2023 (22.08.2023)

International Filing Date

RO/US PCT INTERNATIONAL APPLICATION

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference
(if desired) (12 characters maximum) MGHE200068WO01

Box No. I TITLE OF INVENTION	
PUMPING ARRANGEMENT IN AN ELECTRICAL SUBMERSIBLE PUMP.	
Box No. II APPLICANT ☒ This person is also inventor	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	Telephone No.
Lawrence Burleigh 1501 S. Elwood Ave. Tulsa, OK 74119	Facsimile No.
	Applicant's registration No. with the Office
E-mail authorization: Marking one of the check-boxes below authorizes the receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority to use the e-mail address indicated in this Box to send, notifications issued in respect of this international application to that e-mail address if those offices are willing to do so. ☒ as advance copies followed by paper notifications; or ☐ exclusively in electronic form (no paper notifications will be sent). E-mail address: docketing@faysharpe.com	
State (that is, country) of nationality: US	State (that is, country) of residence: US
This person is applicant for the purposes of: ☒ all designated States ☐ the States indicated in the Supplemental Box	
Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)	
☐ Further applicants and/or (further) inventors are indicated on a continuation sheet.	
Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE	
The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	☒ agent ☐ common representative
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)	Telephone No.
Eric M. Highman Lippes Mathias LLP The Halle Building, 5th Floor 1228 Euclid Avenue Cleveland, OH 44115-1843 USA	216.363.9000
	Facsimile No.
	216.363.9001
	Agent's registration No. with the Office
	43,672
E-mail authorization: Marking one of the check-boxes below authorizes the receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority to use the e-mail address indicated in this Box to send, notifications issued in respect of this international application to that e-mail address if those offices are willing to do so. ☒ as advance copies followed by paper notifications; or ☐ exclusively in electronic form (no paper notifications will be sent). E-mail address: docketing@faysharpe.com	
☐ Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.	

Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)*If none of the following sub-boxes is used, this sheet should not be included in the request.*

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

BURLEIGH, Lawrence**1501 S. Elwood Ave.****Tulsa, OK 74119**

This person is:

☐ applicant only☒ applicant and inventor☐ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

US

State (that is, country) of residence:

US

This person is applicant for the purposes of:

☒ all designated States☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is:

☐ applicant only☐ applicant and inventor☐ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

State (that is, country) of residence:

This person is applicant for the purposes of:

☐ all designated States☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is:

☐ applicant only☐ applicant and inventor☐ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

State (that is, country) of residence:

This person is applicant for the purposes of:

☐ all designated States☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is:

☐ applicant only☐ applicant and inventor☐ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

State (that is, country) of residence:

This person is applicant for the purposes of:

☐ all designated States☐ the States indicated in the Supplemental Box☐ Further applicants and/or (further) inventors are indicated on another continuation sheet.

Box No. V DESIGNATIONS				
The filing of this request constitutes under Rule 4.9(a) the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. However, ☐ DE Germany is not designated for any kind of national protection ☐ JP Japan is not designated for any kind of national protection ☐ KR Republic of Korea is not designated for any kind of national protection <i>(The check-boxes above may only be used to exclude (irrevocably) the designations concerned if, at the time of filing or subsequently under Rule 26bis.1, the international application contains in Box No. VI a priority claim to an earlier national application filed in the particular State concerned, in order to avoid the ceasing of the effect, under the national law, of this earlier national application.)</i>				
Box No. VI PRIORITY CLAIM AND DOCUMENT				
The priority of the following earlier application(s) is hereby claimed:				
Filing date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:		
		national application: country or Member of WTO	regional application: regional Office	international application: receiving Office
item (1) August 22, 2022 (22/08/2022)	2212211.3	GB		
item (2)				
item (3)				
☐ Further priority claims are indicated in the Supplemental Box.				
Furnishing the priority document(s): ☐ The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application(s) was filed with the receiving Office which, for the purposes of this international application, is the receiving Office) identified above as: ☐ all items ☐ item (1) ☐ item (2) ☐ item (3) ☐ other, see Supplemental Box ☒ The International Bureau is requested to obtain from a digital library a certified copy of the earlier application(s) identified above, using, where applicable, the access code(s) indicated below (if the earlier application(s) is available to it from a digital library): ☒ item (1) ☐ item (2) ☐ item (3) ☐ other, see Supplemental Box access code <u>A0D4</u> access code access code				
Restore the right of priority: the receiving Office is requested to restore the right of priority for the earlier application(s) identified above or in the Supplemental Box as item(s) (_____). (See also the Notes to Box No. VI; further information must be provided to support a request to restore the right of priority.)				
Incorporation by reference: where an element of the international application referred to in Article 11(1)(iii)(d) or (e) or a part of the description, claims or drawings referred to in Rule 20.5(a) is not otherwise contained in this international application but is completely contained in an earlier application whose priority is claimed on the date on which one or more elements referred to in Article 11(1)(iii) were first received by the receiving Office, that element or part is, subject to confirmation under Rule 20.6, incorporated by reference in this international application for the purposes of Rule 20.6.				
Box No. VII INTERNATIONAL SEARCHING AUTHORITY				
Choice of International Searching Authority (ISA) (if more than one International Searching Authority is competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used): ISA/ <u>US</u>				

Box No. IX CHECK LIST for EFS-Web filings - this sheet is only to be used when filing an international application with RO/US via EFS-Web			
This international application contains the following:	Number of sheets	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):	Number of items
(a) request form PCT/RO/101 (including any declarations and supplemental sheets)	5	1. ☒ fee calculation sheet	1
(b) description (excluding any sequence listing part of the description, see (f), below)	8	2. ☐ original separate power of attorney	
(c) claims	1	3. ☐ original general power of attorney	
(d) abstract	1	4. ☐ copy of general power of attorney; reference number:	
(e) drawings (if any)	5	5. ☐ priority document(s) identified in Box No. VI as item(s)	
(f) sequence listing part of the description in the form of an image file (e.g. PDF)		6. ☐ Translation of international application into (language):	
Total number of sheets (including the sequence listing part of the description if filed as an image file)	20	7. ☐ separate indications concerning deposited microorganism or other biological material	
(g) sequence listing part of the description		8. ☐ (only where item (f) is marked in the left column) copy of the sequence listing in electronic form (Annex C/ST.25 text file) not forming part of the international application but furnished only for the purposes of international search under Rule 13ter	
☐ filed in the form of an Annex C/ST.25 text file		9. ☐ (only where item (f) (in the left column) and item 8 (above) are marked) a statement confirming that "the information recorded in electronic form submitted under Rule 13ter is identical to the sequence listing as contained in the international application" as filed via EFS-Web:	
☐ WILL BE filed separately on physical data carrier(s), on the same day and in the form of an Annex C/ST.25 text file		10. ☐ copy of results of earlier search(es) (Rule 12bis.1(a))	
Indicate type and number of physical data carrier(s)		11. ☐ other (specify):	
Figure of the drawings which should accompany the abstract:		Language of filing of the international application:	English
Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE			
Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).			
/Eric Highman/ Date: 2023-08-21 Eric M. Highman, Agent for Applicant(s) Reg. No. 43,672			
For receiving Office use only			
1. Date of actual receipt of the purported international application:	2. Drawings:		
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:	☐ received:		
4. Date of timely receipt of the required corrections under PCT Article 11(2):	☐ not received:		
5. International Searching Authority (if two or more are competent): ISA /	6. ☐ Transmittal of search copy delayed until search fee is paid		
For International Bureau use only			
Date of receipt of the record copy by the International Bureau:			



GENERAL POWER OF ATTORNEY

I (we), the undersigned GUSTAVO SARTORI GUIMARÃES, by the rights that I (we) represent and acting as and Legal Representative(s) of applicant BURLEIGH, Lawrence citizen of United States of America Domiciled at 4221 Elizabeth Lane 1501 S. Elwood Ave. Tulsa OK 74119 (US) do hereby grant GENERAL POWER OF ATTORNEY to Mr. Juan Carlos Cuesta Quintero and/or Mrs. Diana Romero Calvo, members of Cuesta & Associates S.A.S., residing in Bogotá, Colombia, and identified with CC 79.339.809 and CC 52.250.482 and with professional card 43.273 CSJ and 121.002 CSJ, respectively, to act on behalf of grantor before any entity, authority and/or person, specially before those Administrative, Contentious-Administrative, Judicial and/or any other, in all matters concerning the following:

1.-To file, process, obtain and/or register, desist and/or waive to rights granted or withdraw application filed, any of the type of Intellectual and Industrial Property right, such as: Patents of Inventions and Model Utility Patents; Industrial Designs; Distinctive Signs, such as: Trademarks, Slogans, Trade Names and emblems or ensigns, and Appellations of Origin; Copyrights in any of their presentations (display); Sanitary Registrations and Plant Varieties, operating authorizations and/or licenses; as well as their renewals or extensions, assignments, changes of name and/or domicile, agreements and licenses, domain names applications, notification or/presentation of non-use actions, among others.

2. -To bring actions of opposition, observances, infringement or refutation, reconsideration, complaints, appeals or legal recourses, cancellation, nullity and other actions related with rights derived from the above-mentioned matters and against the unfair competition, as well as to intervene or participate in Civil, Commercial, Criminal, or Contentious-Administrative Trials; in actions or lawsuits or litigation's that grantor initiates or are initiated against him.

3.-For this mandate to be sufficient enough for all the matters referenced above, I (we) do hereby expressly

PODER LEGAL GENERAL

Yo (nosotros), GUSTAVO SARTORI GUIMARÃES, abajo firmante(s) por los derechos que represento(amos) en mi(nuestra) calidad de Representante Legal del solicitante BURLEIGH, Lawrence ciudadano de los de Estados Unidos de América con domicilio en 1501 S. Elwood Ave. Tulsa OK 74119 (US), por el presente instrumento confiero PODER LEGAL GENERAL a favor de Juan Carlos Cuesta Quintero y/o Diana Romero Calvo, miembros de la firma Cuesta & Asociados S.A.S., domiciliados en Bogotá, Colombia, identificados con C.C. 79.339.809 y CC 52.250.482 y Tarjetas Profesionales 43.273 CSJ y 121.002 CSJ, respectivamente, para que actuando a nombre del (de la) otorgante lo (la) represente(n) ante cualquier entidad, autoridad, y/o persona, especialmente ante las del orden Administrativo, Contencioso-Administrativo, Judicial y/o de cualquier otra que fuere, en todo lo referente a los siguientes asuntos:

1.-Solicitar, tramitar, inscribir y/o registrar, desistir y/o renunciar a cualquier solicitud presentada o derecho otorgado en cualquiera de las modalidades de Propiedad Industrial, esto es, las Patentes de Invención y Modelos de Utilidad; los Diseños Industriales; los Signos Distintivos, como: Marcas, Lemas, Nombres y Enseñas Comerciales y Denominaciones de Origen; Derechos de Autor en cualquiera de sus presentaciones (display); Registros Sanitarios y de Variedades Vegetales, autorizaciones de operación y/o licencias; así como sus renovaciones o prórrogas, transferencias, cambios de nombre y/o domicilio, contratos y licencias, solicitud de nombres de dominio, notificación de/presentación de acciones de cancelación, entre otras.

2.-Ejercer acciones de oposición, observación, impugnación, reposición, quejas, apelación o recursos legales, cancelación, nulidad y demás que se relacionen con derechos derivados de los asuntos indicados y en contra de la competencia desleal, así como intervenir en Juicios Civiles, Comerciales, Penales, Contencioso-Administrativos, en acciones o juicios que promueva o se promuevan en contra del (la) mandante.

grant full and ample general power of attorney to exercise the special rights established under article 77 of the General Procedure Code, namely, to file extra-procedural precautionary measures and evidences, and other preparatory acts of the process. Also, to move forward the entire procedure, to file precautionary measures, to lodge an ordinary cassation appeal and an annulment, as well as all subsequent proceedings as a result of the judgment and take enforced collection action in them. To conciliate, settle, submit to arbitration, waive legal proceedings, render estimated oath, make all legal claims for the purpose that it deems appropriate; and to receive the object related to the litigation or to take possession of the said object. Attorneys may execute any other act that requires a special clause for any or all provisions contained in this instrument.

4.-To exercise Judicial Proxy and to ratify or not the officious agency. Attorneys may execute any other act that requires a special clause for any or all provisions contained in this instrument, to act in or out of the Colombian territory.

5.-To substitute or delegate this General Power of Attorney to act in Colombia and abroad in favor of other or others and to revoke such substitutions or delegations.

6.-The power to act in a process enables the Attorney to receive early notification of the admission of the claim or execution order, to make a damages appraising oath and spontaneously confess. Any restriction under these faculties shall be taken as not written. The power also enables the Attorney to counterclaim and represent to the grantor in everything related with the counterclaim and intervention of other parts or third parties.

7.- It is expressly stated that attributions listed under this Power of Attorney are merely exemplifying and not limitative of other implicit attributions, therefore, the

3.- Para que este mandato sea suficiente en todos los asuntos arriba mencionados, confiero expresamente este poder general amplio y suficiente, para ejercer las facultades especiales establecidas en el artículo 77 del Código General del Proceso, esto es: solicitar medidas cautelares extraprocesales, pruebas extraprocesales y demás actos preparatorios del proceso, adelantar todo el trámite de este, solicitar medidas cautelares, interponer recursos ordinarios, de casación y de anulación y realizar las actuaciones posteriores que sean consecuencia de la sentencia y se cumplan en el mismo expediente, y cobrar ejecutivamente las condenas impuestas en aquella. Conciliar, transgredir, comprometer el pleito de árbitros, desistir del pleito, prestar juramento estimatorio, formular todas las pretensiones que estimen consecuentes; y recibir la cosa sobre la cual verse el litigio o tomar posesión de ella. Los mandatarios podrán ejecutar cualquier otro acto que requiera de cláusula especial para cualquiera o todas las disposiciones que se mencionan en este instrumento.

4.-Ejercer Procuración Judicial, y ratificar o no la agencia oficiosa. Los mandatarios podrán ejecutar cualquier otro acto que requiera de cláusula especial conferir poder en los asuntos aquí mencionados, para actuar bien dentro o fuera del territorio colombiano.

5.-Sustituir o delegar el presente Poder Legal General para actuar en Colombia y en el exterior en favor de otro u otros, y revocar tales sustituciones o delegaciones.

6.- El poder para actuar en un proceso habilita al apoderado para recibir la notificación del auto admisorio de la demanda o del mandamiento ejecutivo, prestar juramento estimatorio y confesar espontáneamente. Cualquier restricción sobre tales facultades se tendrá por no escrita. El poder también habilita al apoderado para reconvenir y representar al poderdante en todo lo relacionado con la reconvencción y la intervención de otras partes o terceros.

7.- Se deja expresa constancia que las facultades enumeradas en este mandato son meramente



attorneys -in fact- are authorized to exercise without any restriction whatsoever, all the rights granted by the law in force and/or with the legislation to be enacted in the future, related and/or resulting and/or are the consequence of the subject of this Power and regarding all hereby stated.

Granted and signed at Rio de Janeiro, Brazil, on April 03, 2025.



Signature

ejemplificativas y no limitativas de otras facultades implícitas, por cuyo motivo, los mandatarios están autorizados a ejercer, sin restricción alguna, todos los derechos de acuerdo con la ley vigente y/o con la legislación que se promulgue en el futuro, se relacionen y/o emerjan y/o sean consecuencia del objeto del presente Poder y en razón de todo lo aquí expresado.

Dado y firmado en Rio de Janeiro, Brasil, a los 03 días del mes de abril del año 2025



Firma