

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: TMI121668

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|---|--|-----------------------|---|
| SUBMISSION TYPE: | NEW ASSIGNMENT | | |
| NATURE OF CONVEYANCE: | ASSIGNMENT OF THE ENTIRE INTEREST AND THE GOODWILL | | |
| CONVEYING PARTY DATA | | | |
| Name | Formerly | Execution Date | Entity Type |
| JN Bidco LLC | | 03/20/2024 | Limited Liability Company: PUERTO RICO |
| RECEIVING PARTY DATA | | | |
| Company Name: | Woodward Specialty | | |
| Street Address: | SUITE 402B 90 ROAD 165 TORRE 2 | | |
| City: | Guaynabo | | |
| State/Country: | PUERTO RICO | | |
| Postal Code: | 00968 | | |
| Entity Type: | Limited Liability Company: PUERTO RICO | | |
| PROPERTY NUMBERS Total: 6 | | | |
| Property Type | Number | Word Mark | |
| Serial Number: | 90885069 | TRUDHESA | |
| Serial Number: | 87288146 | POD | |
| Serial Number: | 87279985 | IMPEL | |
| Serial Number: | 88578186 | TRUDHESA | |
| Serial Number: | 88768014 | | |
| Serial Number: | 97347411 | | |
| CORRESPONDENCE DATA | | | |
| Fax Number: | 6167522500 | | |
| <i>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.</i> | | | |
| Phone: | 6167522479 | | |
| Email: | trademarks@wnj.com,skeller@wnj.com | | |
| Correspondent Name: | R. Scott Keller | | |
| Address Line 1: | Warner Norcross + Judd LLP | | |
| Address Line 2: | 150 Ottawa Av NW Suite 1500 | | |
| Address Line 4: | Grand Rapids, MICHIGAN 49503 | | |
| ATTORNEY DOCKET NUMBER: | 213850213850 | | |
| NAME OF SUBMITTER: | Robert Keller | | |
| SIGNATURE: | Robert Keller | | |

OP \$165.00.00 90885069

DATE SIGNED:

03/26/2024

Total Attachments: 26

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INTELLECTUAL PROPERTY ASSIGNMENT

This INTELLECTUAL PROPERTY ASSIGNMENT (this "Assignment"), dated as of March 20, 2024, is made by JN Bidco LLC, a Puerto Rico limited liability company ("Assignor"), in favor of Woodward Specialty LLC, a Puerto Rico limited liability company ("Assignee").

WHEREAS, Assignor desires to convey, transfer, assign, and deliver to Assignee, and Assignee desires to accept from Assignor, all of Assignor's right, title, and interest in and to all Intellectual Property (as defined below) owned or controlled by Assignor, and Assignor has agreed to execute and deliver this Assignment.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor and Assignee hereby agree as follows:

1. Assignment. For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor agrees to assign and does hereby irrevocably assign, grant, convey and transfer to Assignee, and Assignee hereby accepts, all of Assignor's right, title and interest in and to all Intellectual Property owned by Assignor, including, but not limited to, those items set forth below (collectively, the "Assigned Intellectual Property"). "Intellectual Property" means any and all intellectual property and proprietary rights in any jurisdiction throughout the world, including rights arising from the following: (i) patents and patent applications, design rights, industrial design registrations and applications therefor, divisions, continuations, continuations-in-part, reissues, substitutes, renewals, registrations, confirmations, reexaminations, extensions and any provisional applications, and any foreign or international equivalent of any of the foregoing; (ii) trademarks (whether registered, unregistered or applied for), service marks, trade dress, service names, trade names, brand names, product names, slogans, logos, business names, corporate names, and other source or business identifiers, all registrations and applications for registration thereof, and, in each case, together with all of the goodwill associated therewith; (iii) works of authorship, copyrights and all registrations and applications for registration thereof; (iv) trade secrets and know-how; (v) rights in formulae, methods, techniques, processes, assembly procedures, software, software code (in any form, including source code and executable or object code), subroutines, test results, test vectors, user interfaces, protocols, schematics, specifications, drawings, prototypes, molds and models, and other forms of technology (whether or not embodied in any tangible form and including all tangible embodiments of the foregoing), and (vi) social media accounts, social media identifiers, and internet domain name registrations.

(a) the trademark registrations and applications and all other corresponding rights at common law or otherwise, set forth on Schedule I hereto and all issuances, extensions, and renewals thereof (the "Trademarks"), together with the goodwill of the business connected with the use of, and symbolized by, the Trademarks;

(b) the Domain Names set forth on Schedule II hereto (the "Domain Names");

(c) the patents and patent applications set forth on Schedule III hereto and all issuances, divisions, continuations, continuations-in-part, reissues, extensions, reexaminations, and renewals thereof (the "Patents");

(d) all rights of any kind whatsoever of Assignor accruing under any of the Assigned Intellectual Property provided by applicable law of any jurisdiction, by international treaties and conventions, and otherwise throughout the world;

(e) any and all royalties, fees, income, payments, and other proceeds now or hereafter due or payable with respect to any and all of the Assigned Intellectual Property; and

(f) any and all claims and causes of action with respect to any of the Assigned Intellectual Property, whether accruing before, on, or after the date hereof, including all rights to and claims for damages, restitution, and injunctive and other legal and equitable relief for past, present, and future infringement, dilution, misappropriation, violation, misuse, breach, or default, with the right but no obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages.

2. **Further Assurances.** Assignor will promptly take such actions, including, without limitation, the prompt execution and delivery of documents in recordable form, as may be reasonably requested by Assignee to vest, secure, and perfect the rights and interests of Assignee in and to the Assigned Intellectual Property.

3. **Counterparts.** This Assignment may be executed in one or more counterparts, each of which will be deemed to be an original, but all of which together shall constitute one and the same instrument.

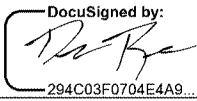
4. **Facsimile Signatures.** A signature to this Assignment delivered by telecopy or other electronic means will be deemed valid.

5. **Governing Law.** This Assignment shall be governed by and construed in accordance with the laws of the State of Delaware (regardless of the laws that might otherwise govern under applicable principles of conflicts of laws thereof).

IN WITNESS WHEREOF, Assignor and Assignee have duly executed and delivered this Assignment Agreement as of the date first above written.

ASSIGNOR:

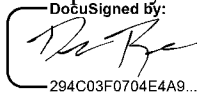
JN Bidco LLC

By:  294C03F0704E4A9...

Name: David Risk
Title: Authorized Signatory

ASSIGNEE:

Woodward Specialty LLC

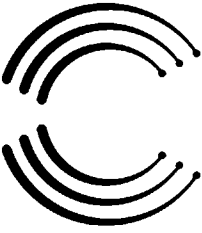
By:  294C03F0704E4A9...

Name: David Risk
Title: Authorized Signatory

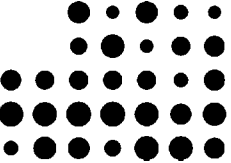
Trademark Registrations and Applications

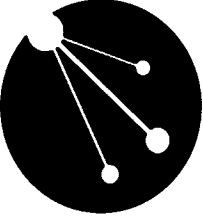
Schedule I

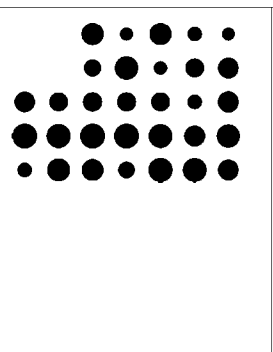
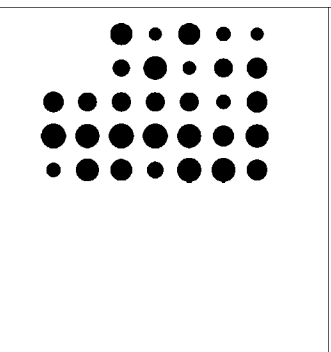
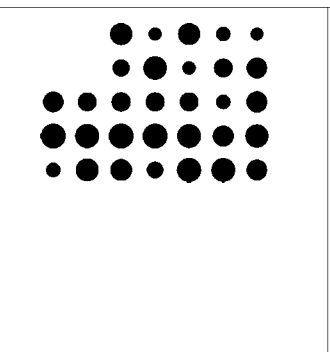
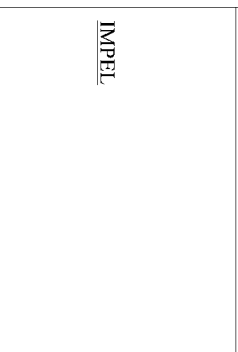
| Mark/Name | Jurisdiction | Status/Key Dates | App. No./Reg. No. | Full Goods/Services |
|---|------------------------------------|---|---------------------|--|
|  | <p>United States (Federal)</p> | <p>Application pending publication, June 28, 2023 Office Status: First Extension - Granted Filed: April 5, 2022 Register Type: Principal Register</p> | <p>SN: 97347411</p> | <p>Intl Class: 05, 10, 35, 42, 44 (Intl Class: 05) Pharmaceutical preparations for the treatment and alleviation of disorders of the central nervous system; Pharmaceutical preparations for the treatment and alleviation of migraine headaches; Pharmaceutical preparations for the treatment and alleviation of agitation and aggression; Pharmaceutical preparations for the treatment and alleviation of Parkinson's disease (Intl Class: 10) Drug delivery systems, namely, inhalers for medical use; dosing aids and apparatus for medicines, namely, drug delivery and dispensing devices and systems being inhalers for medical use; nasal, respiratory, and sinus drug delivery devices and parts therefor, namely, inhalers for medical use (Intl Class: 35) Providing information regarding patient assistance programs, namely, discount programs for enabling participants to obtain discounts on prescription drugs through enrollment with participating pharmacies (Intl Class: 42) Biomedical research services; Research and development of new products for medicinal use for others; Development and testing of pharmaceutical products and drug delivery technology; Consulting services in the fields of biotechnology, pharmaceutical research and development, laboratory testing, diagnostics, and pharmacogenetics; Pharmaceutical drug development; Drug development services in the fields of developing drug dosage and drug dosage form, drug delivery technologies, drug analytical methods, drug manufacturing research, drug packaging design, drug labeling design, and drug stability evaluations, storage design, and testing (Intl Class: 44) Providing information regarding patient assistance programs, namely, information relating to diagnostic and therapeutic properties of pharmaceuticals and dispensing pharmaceuticals and medical treatment</p> |

| Mark/Name | Jurisdiction | Status/Key Dates | App. No./Reg. No. | Full Goods/Services |
|---|----------------------------|--|-----------------------------|--|
| <u>POD</u> | United States (Federal) | Registered, March 20, 2018 Office Status: Registered Int'l Class: 10 First Use: April 13, 2014 Filed: January 3, 2017 Registered: March 20, 2018 Register Type: Principal Register | RN: 5425969 SN: 87288146 | Int'l Class: 10 (Int'l Class: 10) Drug delivery systems; Dosing aids and apparatus for medicines, namely, drug delivery and dispensing devices and systems; Dosing aids and apparatus for medicines, in particular for medicines in liquid and granulated form, namely, machines for dispensing pre-determined dosages of medication; Nasal, respiratory, and sinus drug delivery devices and parts therefor |
| <u>TRUDHESA</u> | United States (Federal) | Registered, March 1, 2022 Office Status: Registered Int'l Class: 05 First Use: September 15, 2021 Filed: August 14, 2019 Registered: March 1, 2022 Register Type: Principal Register | RN: 6660150 SN: 88578186 | Int'l Class: 05 (Int'l Class: 05) Pharmaceutical preparations for the treatment and alleviation of migraine headaches |
|  | United States (Federal) | Registered, April 5, 2022 Office Status: Registered Int'l Class: 05 First Use: September 15, 2021 Filed: January 21, 2020 Registered: April 5, 2022 Register Type: Principal Register | RN: 6694745 SN: 88768014 | Int'l Class: 05 (Int'l Class: 05) Pharmaceutical preparations for the treatment and alleviation of migraine headaches |
| <u>TRUDHESA</u> | United States (Federal) | Registered, November 22, 2022 Office Status: Registered Int'l Class: 35, 44 First Use: September 21, 2021 Filed: August 16, 2021 Registered: November 22, 2022 Register Type: Principal Register | RN: 6908531 SN: 90885069 | Int'l Class: 35, 44 (Int'l Class: 35) providing information regarding patient assistance programs, namely, discount programs for enabling participants to obtain discounts on prescription drugs through enrollment with participating pharmacies (Int'l Class: 44) providing information regarding patient assistance programs, namely, information relating to diagnostic and therapeutic properties of pharmaceuticals and dispensing pharmaceuticals and medical treatment |

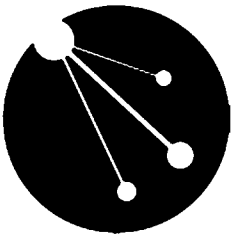
| Mark/Name | Jurisdiction | Status/Key Dates | App. No./Reg. No. | Full Goods/Services |
|-----------------|----------------------------|---|-----------------------------|--|
| <u>IMPEL</u> | United States (Federal) | Registered, December 8, 2023 Office Status: Section 8 & 15-Accepted and Acknowledged Intl Class: 10, 42 First Use: May 3, 2009 Filed: December 23, 2016 Registered: July 18, 2017 Register Type: Principal Register | RN: 5246085 SN: 87279985 | Intl Class: 10, 42 (Intl Class: 10) Drug delivery systems; Dosing aids and apparatus for medicines, namely, drug delivery and dispensing devices and systems; Dosing aids and apparatus for medicines, in particular for medicines in liquid and granulated form, namely, machines for dispensing pre-determined dosages of medication; Nasal, respiratory, and sinus drug delivery devices and parts therefor (Intl Class: 42) Biomedical research services; Research and development of new products for medicinal use for others; Development and testing of pharmaceutical products and drug delivery technology; Consulting services in the fields of biotechnology, pharmaceutical research and development, laboratory testing, diagnostics, and pharmacogenetics; Pharmaceutical drug development; Drug development services in the fields of drug dosage and drug dosage form, drug delivery technologies, drug analytical methods, drug manufacturing, drug packaging, drug labeling, and drug stability, storage, and testing |
| <u>TRUDHESA</u> | Canada | Canada Filed Pending Application Last Status Received: Pending Application, March 4, 2020 Office Status: Formalized Filed: February 12, 2020 | AN: 2011118 | Intl Class: 05 (Intl Class: 05) Goods: Pharmaceutical preparations for the treatment and alleviation of migraine headaches |
| <u>IMPELPOD</u> | Canada | Canada Filed Pending Application Last Status Received: Pending Application, July 2, 2020 Office Status: Formalized Filed: July 2, 2020 | AN: 2037728 | Intl Class: 10 (Intl Class: 10) Goods: Nasal drug delivery device, namely, a handheld medical device that allows patients to inhale medication nasally; Dosing aids and apparatus for medicines, in particular for medicines in liquid and granulated form, namely, handheld dispensers for use in dispensing pre-determined dosages of medication intranasally; |

| Mark/Name | Jurisdiction | Status/Key Dates | App. No./Reg. No. | Full Goods/Services |
|--|--------------|--|-------------------------------|---|
|  | Canada | Canada Filed Pending Application Last Status Received: Pending Application, November 16, 2022 Office Status: Formalized Filed: October 4, 2022 Expiration Date: October 4, 2032 | AN: 2222811 | Int'l Class: 05, 10, 35, 42, 44 (Int'l Class: 05) Goods: Pharmaceutical preparations; pharmaceutical preparations for the treatment and alleviation of disorders of the central nervous system; pharmaceutical preparations for the treatment and alleviation of migraine headaches; pharmaceutical preparations for the treatment and alleviation of agitation and aggression; pharmaceutical preparations for the treatment and alleviation of parkinson's disease. (Int'l Class: 10) Goods: Drug delivery systems; dosing aids and apparatus for medicines, namely, drug delivery and dispensing devices and systems; dosing aids and apparatus for medicines, in particular for medicines in liquid and granulated form, namely, machines for dispensing pre-determined dosages of medication; nasal, respiratory, and sinus drug delivery devices and parts therefor. (Int'l Class: 35) Services: Providing information regarding patient assistance programs, namely, discount programs for prescription drugs. (Int'l Class: 42) Services: Biomedical research services; research and development of new products for medicinal use for others; development and testing of pharmaceutical products and drug delivery technology; consulting services in the fields of biotechnology, pharmaceutical research and development, laboratory testing, diagnostics, and pharmacogenetics; pharmaceutical drug development; drug development services in the fields of drug dosage and drug dosage form, drug delivery technologies, drug analytical methods, drug manufacturing, drug packaging, drug labeling, and drug stability, storage, and testing. (Int'l Class: 44) Services: Providing information regarding patient assistance programs to provide pharmaceuticals and medical treatment. |
| IMPEL | Canada | Canada Registered Last Status Received: Registered, October 27, 2020 Office Status: Registered Filed: June 23, 2017 Registered: October 27, 2020 Expiration Date: October 27, 2030 | RN: TMA1086254 AN: 1844268 | Int'l Class: 10, 42, 44 (Int'l Class: 10) Goods: Nasal drug delivery device, namely, a handheld medical device that allows patients to inhale medication nasally; dosing aids and apparatus for medicines; in particular for medicines in liquid and granulated form, namely, handheld dispensers for use in dispensing pre-determined dosages of medication intranasally; |

| Mark/Name | Jurisdiction | Status/Key Dates | App. No./Reg. No. | Full Goods/Services |
|---|--------------|--|-------------------------------|---|
|  | Canada | Canada Registered Last Status Received: Registered, February 18, 2021 Office Status: Registered Filed: June 23, 2017 Registered: February 18, 2021 Expiration Date: February 18, 2031 | RN: TMA1093962 AN: 1844270 | (Int'l Class: 42) Services: Biomedical research services; research and development of new products for medicinal use for others; development and testing of pharmaceutical products and drug delivery technology; consulting services in the fields of scientific biotechnological research, pharmaceutical research and development, laboratory testing of materials, and pharmacogenetics, excluding services in the field of cardiology; pharmaceutical drug development; drug development services in the fields of drug dosage and drug dosage form, drug delivery technologies, drug analytical methods, drug manufacturing, drug packaging, drug labeling, and drug stability, storage and testing; (Int'l Class: 44) Services: Consulting services in the field of medical diagnostic services; |
| | | | | (Int'l Class: 10, 42, 44) (Int'l Class: 10) Goods: Nasal drug delivery device, namely, a handheld device that allows patients to inhale medication nasally; dosing aids and apparatus for medicines, in particular for medicines in liquid and granulated form, namely, handheld dispensers for use in dispensing pre-determined dosages of medication intranasally; (Int'l Class: 42) Services: Biomedical research services; research and development of new products for medicinal use for others; development and testing of pharmaceutical products and drug delivery technology; consulting services in the fields of scientific biotechnological research, pharmaceutical research and development, laboratory testing of materials, and pharmacogenetics; pharmaceutical drug development; drug development services in the fields of drug dosage and drug dosage form, drug delivery technologies, drug analytical methods, drug manufacturing, drug packaging, drug labeling, and drug stability, storage and testing; (Int'l Class: 44) Services: Consulting services in the field of medical diagnostic services; |

| Mark/Name | Jurisdiction | Status/Key Dates | App. No./Reg. No. | Full Goods/Services |
|---|--------------|---|-----------------------------|--|
|  | Mexico | Mexico Published Last Status Received: Published Filed: October 4, 2022 | AN: M2854278 | Int'l Class: 44 (Translation) (Int'l Class: 44) provision of information on patient assistance programs to supply pharmaceutical products and medical treatments. |
|  | Mexico | Mexico Published Last Status Received: Published Filed: October 4, 2022 | AN: M2854274 | Int'l Class: 05 (Translation) (Int'l Class: 05) pharmaceutical preparations; pharmaceutical preparations for the treatment and alleviation of disorders of the central nervous system; pharmaceutical preparations for the treatment and relief of migraine headaches; pharmaceutical preparations for the treatment and alleviation of agitation and aggressiveness; Pharmaceutical preparations for the treatment and alleviation of Parkinson's disease. |
|  | Mexico | Mexico Published Last Status Received: Published Filed: October 4, 2022 | AN: M2854275 | Int'l Class: 10 (Translation) (Int'l Class: 10) drug release systems; medicament dosing aids and apparatuses, namely, drug delivery systems and systems; aids and apparatus for dosing medicaments, in particular for medicaments in liquid form and in granulated form, namely, machines for administering predetermined doses of medicaments; respiratory, nasal and sinus devices for the administration of drugs and their parts. |
|  | Mexico | Mexico Registered Last Status Received: Registered Filed: June 22, 2017 Registered: November 18, 2022 Expiration Date: June 22, 2027 | RN: 2477867 AN: M1934521 | Int'l Class: 10 (Translation) (Int'l Class: 10) drug release systems; medicament dosing aids and apparatuses, namely, drug delivery systems and systems; aids and apparatus for dosing medicaments, in particular for medicaments in liquid form and in granulated form, namely, machines for administering predetermined doses of |

| Mark/Name | Jurisdiction | Status/Key Dates | App. No./Reg. No. | Full Goods/Services |
|------------------|---------------|--|-----------------------------|--|
| <u>IMPEL</u> POD | Mexico | Mexico Registered Last Status Received: Registered Filed: September 13, 2018 Registered: November 17, 2023 Expiration Date: September 13, 2028 | RN: 2627198 AN: M2099268 | Int'l Class: 10 (Translation) (Int'l Class: 10) drug release systems; medicament dosing aids and apparatuses, namely, drug delivery systems and systems; aids and apparatus for dosing medicaments, in particular for medicaments in liquid form and in granulated form, namely, machines for administering predetermined doses of medicaments; respiratory, nasal and sinus devices for the administration of drugs. |
| <u>TRUDHESA</u> | Mexico | Mexico Registered Last Status Received: Registered Filed: February 12, 2020 Registered: October 5, 2020 Expiration Date: February 12, 2030 | RN: 2152309 AN: M2329211 | Int'l Class: 05 (Translation) (Int'l Class: 05) Pharmaceutical preparations for the treatment and relief of migraines and headaches. |
| POD | International | International (AU, CN, EM, GB, IN, JP, KR, MX) Registered Last Status Received: Registered, January 29, 2018 Registered: June 23, 2017 Expiration Date: June 23, 2027 | RN: 1361766 | Int'l Class: 10 (Int'l Class: 10) Drug delivery systems; dosing aids and apparatus for medicines, namely, drug delivery and dispensing devices and systems; dosing aids and apparatus for medicines, in particular for medicines in liquid and granulated form, namely, machines for dispensing pre-determined dosages of medication; nasal, respiratory, and sinus drug delivery devices and parts therefor. |



Mark/Name
Jurisdiction
Status/Key Dates

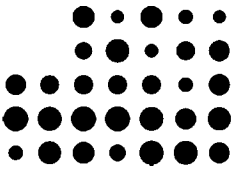
International
International (AU, CN, EM, GB, IN, JP, KR, and MX)
Registered
Last Status Received: Registered, October 1, 2019
Registered: June 23, 2017
Expiration Date: June 23, 2027

App. No./Reg. No.
RN: 1362565
Full Goods/Services
Int'l Class: 10
(Int'l Class: 10)
Drug delivery systems; dosing aids and apparatus for medicines, namely, drug delivery and dispensing devices and systems; dosing aids and apparatus for medicines, in particular for medicines in liquid and granulated form, namely, machines for dispensing pre-determined dosages of medication; nasal, respiratory, and sinus drug delivery devices and parts therefor.

Mark/Name
Jurisdiction
Status/Key Dates

International
International (AT, AU, CN, EM, GB, IN, JP, KR, and MX)
Registered
Last Status Received: Registered, February 3, 2023
Registered: June 22, 2017
Expiration Date: June 22, 2027

App. No./Reg. No.
RN: 1361080
Full Goods/Services
Int'l Class: 10
(Int'l Class: 10)
Drug delivery systems; dosing aids and apparatus for medicines, namely, drug delivery and dispensing devices and systems; dosing aids and apparatus for medicines, in particular for medicines in liquid and granulated form, namely, machines for dispensing pre-determined dosages of medication; nasal, respiratory, and sinus drug delivery devices and parts therefor.

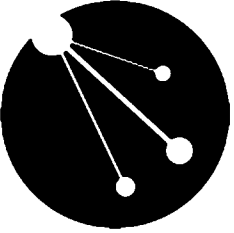


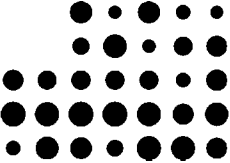

Mark/Name
Jurisdiction
Status/Key Dates

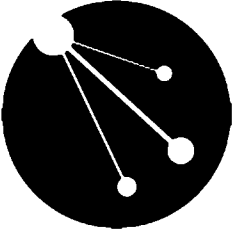
International
International (AU, CA, CN, EM, GB, JP, KR, and MX)
Registered
Last Status Received: Registered, April 6, 2023
Registered: October 4, 2022
Expiration Date: October 4, 2032

App. No./Reg. No.
RN: 1696890
Full Goods/Services
Int'l Class: 05, 10, 35, 42, 44
(Int'l Class: 05)
Pharmaceutical preparations; pharmaceutical preparations for the treatment and alleviation of disorders of the central nervous system; pharmaceutical preparations for the treatment and alleviation of migraine headaches; pharmaceutical preparations for the treatment and alleviation of agitation and aggression; pharmaceutical preparations for the treatment and alleviation of parkinson's disease.
(Int'l Class: 10)
Drug delivery systems; dosing aids and apparatus for medicines, namely, drug delivery and dispensing devices and systems; dosing aids and apparatus for medicines, in particular for medicines in liquid and granulated form, namely, machines for dispensing pre-determined dosages of medication; nasal, respiratory, and sinus drug delivery devices and parts therefor.
(Int'l Class: 35)
Providing information regarding patient assistance programs, namely, discount programs for prescription drugs.
(Int'l Class: 42)
Biomedical research services; research and development of

| Mark/Name | Jurisdiction | Status/Key Dates | App. No./Reg. No. | Full Goods/Services |
|--------------|----------------|---|-------------------|--|
| | | | | <p>new products for medicinal use for others; development and testing of pharmaceutical products and drug delivery technology; consulting services in the fields of biotechnology, pharmaceutical research and development, laboratory testing, diagnostics; and pharmacogenetics; pharmaceutical drug development; drug development services in the fields of drug dosage and drug dosage form, drug delivery technologies, drug analytical methods, drug manufacturing, drug packaging, drug labeling, and drug stability, storage, and testing.</p> <p>(Int'l Class: 44) Providing information regarding patient assistance programs to provide pharmaceuticals and medical treatment.</p> |
| <u>IMPEL</u> | United Kingdom | United Kingdom Registered Last Status Received: Registered, January 23, 2018 Filed: June 22, 2017 Registered: January 23, 2018 Expiration Date: June 22, 2027 | AN: UK00801361080 | <p>Int'l Class: 10 (Int'l Class: 10) Drug delivery systems; dosing aids and apparatus for medicines, namely, drug delivery and dispensing devices and systems; dosing aids and apparatus for medicines, in particular for medicines in liquid and granulated form, namely, machines for dispensing pre-determined dosages of medication; nasal, respiratory, and sinus drug delivery devices and parts therefor.</p> |
| <u>POD</u> | United Kingdom | United Kingdom Registered Last Status Received: Registered, January 26, 2018 Filed: June 23, 2017 Registered: January 26, 2018 Expiration Date: June 23, 2027 | AN: UK00801361766 | <p>Int'l Class: 10 (Int'l Class: 10) Drug delivery systems; dosing aids and apparatus for medicines, namely, drug delivery and dispensing devices and systems; dosing aids and apparatus for medicines, in particular for medicines in liquid and granulated form, namely, machines for dispensing pre-determined dosages of medication; nasal, respiratory, and sinus drug delivery devices and parts therefor.</p> |

| Mark/Name | Jurisdiction | Status/Key Dates | App. No./Reg. No. | Full Goods/Services |
|---|----------------|--|--------------------------------|---|
|  | United Kingdom | United Kingdom Registered Last Status Received: Registered, February 06, 2018 Filed: June 23, 2017 Registered: February 6, 2018 Expiration Date: June 23, 2027 | AN: UK00801362565 | Int'l Class: 10 (Int'l Class: 10) Drug delivery systems; dosing aids and apparatus for medicines, namely, drug delivery and dispensing devices and systems; dosing aids and apparatus for medicines, in particular for medicines in liquid and granulated form, namely, machines for dispensing pre-determined dosages of medication; nasal, respiratory, and sinus drug delivery devices and parts therefor. |
| TRUDHESA | United Kingdom | United Kingdom Registered Last Status Received: Registered, June 13, 2020 Filed: February 12, 2020 Registered: June 13, 2020 Expiration Date: February 12, 2030 | AN: UK00918194677 | Int'l Class: 05 (Int'l Class: 05) Pharmaceutical preparations for the treatment and alleviation of migraine headaches. |
| TRUDHESA | United Kingdom | United Kingdom Registered Last Status Received: Registered, August 08, 2020 Filed: February 12, 2020 Registered: August 8, 2020 Expiration Date: February 12, 2030 | AN: UK00003466091 | Int'l Class: 05 (Int'l Class: 05) Pharmaceutical preparations for the treatment and alleviation of migraine headaches. |
| TRUDHESA | European Union | European Union Registered Last Status Received: Registered, June 16, 2020 Filed: February 12, 2020 Registered: June 13, 2020 Expiration Date: February 12, 2030 | RN: 018194677 AN: 018194677 | Int'l Class: 05 (Int'l Class: 05) Pharmaceutical preparations for the treatment and alleviation of migraine headaches. |

| Mark/Name | Jurisdiction | Status/Key Dates | App. No./Reg. No. | Full Goods/Services |
|--|--------------|---|----------------------------|---|
|  | Australia | Australia Registered Last Status Received: Registered Office Status: Protected: Registered/protected Filed: October 4, 2022 Registered: October 4, 2022 Intl Reg Date: October 4, 2022 Expiration Date: October 4, 2032 | RN: 2315410 AN: 2315410 | Intl Class: 05, 10, 35, 42, 44 (Intl Class: 05) Pharmaceutical preparations; pharmaceutical preparations for the treatment and alleviation of disorders of the central nervous system; pharmaceutical preparations for the treatment and alleviation of migraine headaches; pharmaceutical preparations for the treatment and alleviation of agitation and aggression; pharmaceutical preparations for the treatment and alleviation of parkinson's disease. (Intl Class: 10) Drug delivery systems; dosing aids and apparatus for medicines, namely, drug delivery and dispensing devices and systems; dosing aids and apparatus for medicines, in particular for medicines in liquid and granulated form, namely, machines for dispensing pre-determined dosages of medication; nasal, respiratory, and sinus drug delivery devices and parts therefor. (Intl Class: 35) Providing information regarding patient assistance programs, namely, discount programs for prescription drugs. (Intl Class: 42) Biomedical research services; research and development of new products for medicinal use for others; development and testing of pharmaceutical products and drug delivery technology; consulting services in the fields of biotechnology, pharmaceutical research and development, laboratory testing, diagnostics, and pharmacogenetics; pharmaceutical drug development; drug development services in the fields of drug dosage and drug dosage form, drug delivery technologies, drug analytical methods, drug manufacturing, drug packaging, drug labeling, and drug stability, storage, and testing. (Intl Class: 44) Providing information regarding patient assistance programs to provide pharmaceuticals and medical treatment. |
|  | Australia | Australia Registered Last Status Received: Registered Office Status: Registered: Registered/protected Filed: September 13, 2019 Registered: September 13, 2019 Expiration Date: September 13, 2029 | RN: 2037078 AN: 2037078 | Intl Class: 10 (Intl Class: 10) Drug delivery systems; dosing aids and apparatus for medicines, namely, drug delivery and dispensing devices and systems; dosing aids and apparatus for medicines, in particular for medicines in liquid and granulated form, namely, machines for dispensing pre-determined dosages of medication; nasal, respiratory, and sinus drug delivery devices and parts therefor |

| Mark/Name | Jurisdiction | Status/Key Dates | App. No./Reg. No. | Full Goods/Services |
|---|--------------|---|---------------------------------|--|
| | | | | |
| <u>POD</u> | Australia | Australia Registered Last Status Received: Registered Office Status: Protected Registered/protected Filed: June 23, 2017 Registered: June 23, 2017 Int'l Reg Date: June 23, 2017 Expiration Date: June 23, 2027 | RN: 1868238 AN: 1868238 | Int'l Class: 10 (Int'l Class: 10) Drug delivery systems; dosing aids and apparatus for medicines, namely, drug delivery and dispensing devices and systems; dosing aids and apparatus for medicines, in particular for medicines in liquid and granulated form, namely, machines for dispensing pre-determined dosages of medication; nasal, respiratory, and sinus drug delivery devices and parts therefor |
| TRUDHESA | Australia | Australia Registered Last Status Received: Registered Office Status: Registered Registered/protected Filed: February 12, 2020 Registered: February 12, 2020 Expiration Date: February 12, 2030 | RN: 2068247 AN: 2068247 | Int'l Class: 05 (Int'l Class: 05) Pharmaceutical preparations for the treatment and alleviation of migraine headaches |
|  | Australia | Australia Registered Last Status Received: Registered Office Status: Protected Registered/protected Filed: June 23, 2017 Registered: June 23, 2017 Int'l Reg Date: June 23, 2017 Expiration Date: June 23, 2027 | RN: 1869972 AN: 1869972 | Int'l Class: 10 (Int'l Class: 10) Drug delivery systems; dosing aids and apparatus for medicines, namely, drug delivery and dispensing devices and systems; dosing aids and apparatus for medicines, in particular for medicines in liquid and granulated form, namely, machines for dispensing pre-determined dosages of medication; nasal, respiratory, and sinus drug delivery devices and parts therefor |
| <u>IMPELPOD</u> | China | China Registered Last Status Received: Registered Office Status: 商标注册申请 - 申请 收文 - 结束 Filed: August 14, 2018 | RN: 32866749 AN: 32866749-10 | Int'l Class: 10 (Int'l Class: 10) Medical apparatus and instruments. Medical aerosol dispenser, Promote drug inhalation of medical apparatus and instruments, The pharmaceutical preparations import medical instrument of the body, Inhalers, Insufflators, |

| Mark/Name | Jurisdiction | Status/Key Dates | App. No./Reg. No. | Full Goods/Services |
|-----------|--------------|---|---------------------------------|---|
| 英倍尔 | China | China Registered Last Status Received: Registered Office Status: 商标注册申请 - 申请 收文 - 结束 Filed: July 21, 2017 Registered: July 21, 2018 Expiration Date: July 20, 2028 | RN: 25444110 AN: 25444110-10 | Int'l Class: 10 (Int'l Class: 10) Medical aerosol dispenser, Medical apparatus and instruments, Promote drug inhalation of medical apparatus and instruments, The pharmaceutical preparations import medical instrument of the body, Inhalers, Insufflators, |
| TRUDHESA | China | China Registered Last Status Received: Registered Office Status: 商标注册申请 - 申请 收文 - 结束 Filed: February 13, 2020 Registered: October 21, 2020 Expiration Date: October 20, 2030 | RN: 44059589 AN: 44059589-5 | Int'l Class: 05 (Int'l Class: 05) Migraine pain treatment and pharmaceutical preparations, |
| TRUDHESA | India | India Registered Last Status Received: Registered Filed: February 14, 2020 Registered: November 2, 2020 Expiration Date: February 14, 2030 | AN: 4441189 | Int'l Class: 05 (Int'l Class: 05) Pharmaceutical preparations for the treatment and alleviation of migraine headaches |
| IMPELPOD | Japan | Japan Registered Last Status Received: Registered, May 10, 2019 Filed: June 4, 2018 Registered: May 10, 2019 Expiration Date: May 10, 2029 | RN: 6142856 AN: 2018-073552 | Int'l Class: 10 (Translation) (Int'l Class: 10) Medical devices for transporting drugs into the body, medical aids and devices for dispensing fixed doses of drugs, medical devices for transporting and distributing drugs into the body, drugs in liquid and granular form Medical aids and devices for the dispensing of medicines, medical devices for the |

| Mark/Name | Jurisdiction | Status/Key Dates | App. No./Reg. No. | Full Goods/Services |
|-----------------|-------------------|---|-------------------------------------|---|
| | | | | delivery of medicaments of a predetermined volume, medicines for the delivery of nasal / respiratory and sinus medications Equipment and parts thereof, medical equipment |
| <u>TRUDHESA</u> | Japan | Japan Registered Last Status Received: Registered, October 06, 2020 Filed: February 13, 2020 Registered: October 6, 2020 Expiration Date: October 6, 2030 | RN: 6300807 AN: 2020-015209 | Intl Class: 05 (Translation) (Intl Class: 05) Drugs and drugs for treating and mitigating migraine (excluding pesticides) |
| <u>IMPELPOD</u> | Republic of Korea | Republic of Korea Registered Last Status Received: Registered Filed: May 15, 2018 Registered: February 14, 2019 | RN: 40-1447269 AN: 4020180065479 | Intl Class: 10 (Translation) (Intl Class: 10) Devices for delivering drugs into the body (drug delivery systems, namely, apparatus for delivering medication into human body) Devices and devices for drug delivery and administration (dosing aids and apparatus for medicines, namely), drug delivery and dispensing devices and apparatus) Dosing aids and apparatus for medicines, in particular for medicines in liquid and granulated form, namely, machines for dispensing pre-determined dosages of medication) nasal, respiratory, and sinus drug delivery devices and parts therefor |
| <u>TRUDHESA</u> | Republic of Korea | Republic of Korea Registered Last Status Received: Registered Filed: February 12, 2020 Registered: November 12, 2020 | RN: 40-1661992 AN: 4020200022924 | Intl Class: 05 (Translation) (Intl Class: 05) Pharmaceutical preparations for the treatment and alleviation of migraine headaches |

Schedule II

Domain Names

- IMPELNP.COM
- impelvva.com
- impelnp.biz
- impelnp.co
- impelnp.co.uk
- impelnp.io
- impelnp.online
- impelnp.us
- impelnponline.com
- myimpelnp.com
- IMPELNEUROPHARMA.COM
- IMPELRX.COM
- aboutdhe.com
- aboutdhe.info
- aboutdhe.net
- aboutdhe.org
- trudhesa.com
- trudhesa.info
- trudhesa.net
- trudhesa.org
- trudhesahcp.com
- trudhesahcp.info
- trudhesahcp.net
- trudhesahcp.org
- tulifta.com
- tulifta.info
- tulifta.net
- tulifta.org
- tuliftahcp.com
- tuliftahcp.info
- tuliftahcp.net
- tuliftahcp.org
- reroutemigrainerelief.com
- reroutemigrainereliefhcp.com
- impelpharma.biz
- impelpharma.co.uk
- impelpharma.com
- impelpharma.info
- impelpharma.io
- impelpharma.mobi
- impelpharma.net
- impelpharma.org
- impelpharma.us
- impelpharmaceuticals.biz

- impelpharmaceuticals.co.uk
- impelpharmaceuticals.com
- impelpharmaceuticals.info
- impelpharmaceuticals.io
- impelpharmaceuticals.mobi
- impelpharmaceuticals.net
- impelpharmaceuticals.org
- impelpharmaceuticals.us
- impelrx.biz
- impelrx.co.uk
- impelrx.info
- impelrx.io
- impelrx.mobi
- impelrx.net
- impelrx.org
- impelrx.us
- impelpharma.co
- impelpharma.online
- impelpharmaceuticals.co
- impelpharmaceuticals.online
- impelrx.co
- impelrx.online
- hightechdeliveryformigraine.com
- impelboothexperience.com
- impelboothonline.com
- impelmigrainebooth.com
- treatmigrainethroughthenose.com
- aboutdhephi.com
- dhephirx.com

Schedule III

| <u>Title</u> | <u>Patent Number</u> | <u>Publication Date</u> | <u>Application Number</u> | <u>Application Date</u> |
|---|----------------------|-------------------------|---------------------------|-------------------------|
| INTRANASAL DEVICE WITH INLET INTERFACE | <i>Pending</i> | 20200504 | CA3081680 | 20181121 |
| INTRANASAL DEVICE WITH INLET INTERFACE | CN111372635 | 20220816 | ZL201880075221.1 | 20181121 |
| INTRANASAL DEVICE WITH INLET INTERFACE | EP3713626 | 20210818 | EP18880741.6 | 20181121 |
| INTRANASAL DEVICE WITH INLET INTERFACE | HK62021024307.2 | 20210430 | HK40034724 | 20210126 |
| INTRANASAL DEVICE WITH INLET INTERFACE | US11395887 | 20220726 | US16198312 | 20181121 |
| INTRANASAL DEVICE WITH INLET INTERFACE | US11878110 | 20240123 | US17835256 | 20220608 |
| SINGLE-USE NASAL DELIVERY DEVICE | <i>Pending</i> | 20221018 | BR20211123049 | 20200515 |
| SINGLE-USE NASAL DELIVERY DEVICE | <i>Pending</i> | 20201126 | AU2020277313 | 20200515 |
| SINGLE-USE NASAL DELIVERY DEVICE | <i>Pending</i> | 20211112 | CA3140374 | 20200515 |
| SINGLE-USE NASAL DELIVERY DEVICE | <i>Pending</i> | 20220208 | CN202080046714 | 20200515 |
| SINGLE-USE NASAL DELIVERY DEVICE | <i>Pending</i> | 20230621 | EP20808724 | 20200515 |
| SINGLE-USE NASAL DELIVERY DEVICE | HK20226054694.4 | 20220826 | HK40066820 | 20220607 |
| SINGLE-USE NASAL DELIVERY DEVICE | <i>Pending</i> | 20220128 | IN202147057493 | 20211210 |
| SINGLE-USE NASAL DELIVERY DEVICE | <i>Pending</i> | 20220713 | JP2021568728 | 20200515 |
| SINGLE-USE NASAL DELIVERY DEVICE | <i>Pending</i> | 20220125 | KR1020217041344 | 20200515 |
| SINGLE-USE NASAL DELIVERY DEVICE | <i>Pending</i> | 20230619 | RU2021137288 | 20200515 |
| SINGLE-USE NASAL DELIVERY DEVICE | US11878109 | 20240123 | US16875906 | 20200515 |
| REPEATED ADMINISTRATION OF DIHYDROERGOTAMINE FOR TREATMENT OF FREQUENT MIGRAINE HEADACHES | <i>Pending</i> | 20221027 | AU2021207626 | 20210113 |
| REPEATED ADMINISTRATION OF DIHYDROERGOTAMINE FOR TREATMENT OF FREQUENT MIGRAINE HEADACHES | <i>Pending</i> | 20220920 | BR112022013796 | 20210113 |
| REPEATED ADMINISTRATION OF DIHYDROERGOTAMINE FOR TREATMENT OF FREQUENT MIGRAINE HEADACHES | <i>Pending</i> | 20220711 | CA3167555 | 20210113 |

| <u>Title</u> | <u>Patent Number</u> | <u>Publication Date</u> | <u>Application Number</u> | <u>Application Date</u> |
|---|----------------------|-------------------------|---------------------------|-------------------------|
| REPEATED ADMINISTRATION OF DIHYDROERGOTAMINE FOR TREATMENT OF FREQUENT MIGRAINE HEADACHES | <i>Pending</i> | 20221101 | CN2021800209857.0 | 20210113 |
| REPEATED ADMINISTRATION OF DIHYDROERGOTAMINE FOR TREATMENT OF FREQUENT MIGRAINE HEADACHES | <i>Pending</i> | 20231227 | EP21741027.3 | 20210113 |
| REPEATED ADMINISTRATION OF DIHYDROERGOTAMINE FOR TREATMENT OF FREQUENT MIGRAINE HEADACHES | <i>Pending</i> | 20230120 | HK20226064577 | 20221124 |
| REPEATED ADMINISTRATION OF DIHYDROERGOTAMINE FOR TREATMENT OF FREQUENT MIGRAINE HEADACHES | <i>Pending</i> | 20230320 | JP2022-543038 | 20210113 |
| REPEATED ADMINISTRATION OF DIHYDROERGOTAMINE FOR TREATMENT OF FREQUENT MIGRAINE HEADACHES | <i>Pending</i> | 20220923 | KR1020227028096 | 20210113 |
| REPEATED ADMINISTRATION OF DIHYDROERGOTAMINE FOR TREATMENT OF FREQUENT MIGRAINE HEADACHES | <i>Pending</i> | <i>Unpublished</i> | US18482856 | 20231007 |
| REPEATED ADMINISTRATION OF DIHYDROERGOTAMINE FOR TREATMENT OF FREQUENT MIGRAINE HEADACHES | <i>Pending</i> | 20210805 | US17148154 | 20210113 |
| NASAL DRUG DELIVERY DEVICE | AU2019418744 | 20230803 | AU2019418744 | 20191217 |
| NASAL DRUG DELIVERY DEVICE | <i>Pending</i> | 20210629 | CA3125430 | 20191217 |
| NASAL DRUG DELIVERY DEVICE | <i>Pending</i> | 20220527 | CL2021001755 | 20210701 |
| NASAL DRUG DELIVERY DEVICE | CN113473967 | 20220909 | CN201906692137 | 20191217 |
| NASAL DRUG DELIVERY DEVICE | <i>Pending</i> | 20210902 | EA202191856 | 20191217 |
| NASAL DRUG DELIVERY DEVICE | EP3906017 | 20221228 | EP1907973 | 20191217 |
| NASAL DRUG DELIVERY DEVICE | HK62022053022.9 | 20220624 | HK40063806 | 20220506 |
| NASAL DRUG DELIVERY DEVICE | IL284362 | 20230601 | IL28436221 | 20191217 |
| NASAL DRUG DELIVERY DEVICE | <i>Pending</i> | 20210730 | IN202147033648 | 20210727 |
| NASAL DRUG DELIVERY DEVICE | JP7213991 | 20230127 | JP2022517757 | 20191217 |
| NASAL DRUG DELIVERY DEVICE | <i>Pending</i> | 20210903 | KR102021703935 | 20191217 |
| NASAL DRUG DELIVERY DEVICE | <i>Pending</i> | 20210805 | MX2021008082 | 20191217 |
| NASAL DRUG DELIVERY DEVICE | NZ777687 | 20231222 | NZ777687 | 20191217 |

| <u>Title</u> | <u>Patent Number</u> | <u>Publication Date</u> | <u>Application Number</u> | <u>Application Date</u> |
|--|----------------------|-------------------------|---------------------------|-------------------------|
| NASAL DRUG DELIVERY DEVICE | <i>Pending</i> | 20210729 | SG20211107019 | 20191217 |
| NASAL DRUG DELIVERY DEVICE WITH DETACHABLE NOZZLE | US11759585 | 20230919 | US17420640 | 20191217 |
| NASAL DRUG DELIVERY DEVICE | <i>Pending</i> | 20221130 | ZA20210004682 | 20210705 |
| INTRANASAL DELIVERY OF OLANZAPINE BY PRECISION OLFATORY DEVICE | AU2019205329 | 20230420 | AU20190205329 | 20190104 |
| INTRANASAL DELIVERY OF OLANZAPINE BY PRECISION OLFATORY DEVICE | <i>Pending</i> | 20200703 | CA3087698 | 20190104 |
| INTRANASAL DELIVERY OF OLANZAPINE BY PRECISION OLFATORY DEVICE | <i>Pending</i> | 20201027 | CN201980016880 | 20190104 |
| INTRANASAL DELIVERY OF OLANZAPINE BY PRECISION OLFATORY DEVICE | <i>Pending</i> | 20211013 | EP19735694 | 20190104 |
| INTRANASAL DELIVERY OF OLANZAPINE BY PRECISION OLFATORY DEVICE | HK62021029305.1 | 20210709 | HK40039329 | 20210414 |
| INTRANASAL DELIVERY OF OLANZAPINE BY PRECISION OLFATORY DEVICE | <i>Pending</i> | 20200911 | IN202047033486 | 20200805 |
| INTRANASAL DELIVERY OF OLANZAPINE BY PRECISION OLFATORY DEVICE | <i>Pending</i> | 20210401 | JP2020537508 | 20190104 |
| INTRANASAL DELIVERY OF OLANZAPINE BY PRECISION OLFATORY DEVICE | <i>Pending</i> | 20201014 | KR1020207022587 | 20190104 |
| INTRANASAL DELIVERY OF OLANZAPINE BY PRECISION OLFATORY DEVICE | US11278492 | 20220322 | US16240563 | 20190104 |
| INTRANASAL DELIVERY OF OLANZAPINE BY PRECISION OLFATORY DEVICE | US11752100 | 20230912 | US17574511 | 20220112 |
| INTRANASAL DELIVERY OF OLANZAPINE BY PRECISION OLFATORY DEVICE | <i>Pending</i> | 20231116 | US18357927 | 20230724 |
| RESPIRATORY TRACT DELIVERY OF LEVODOPA AND DOPA DECARBOXYLASE INHIBITOR FOR TREATMENT OF PARKINSON'S DISEASE | <i>Pending</i> | 20210611 | CN201980061336 | 20190719 |

| <u>Title</u> | <u>Patent Number</u> | <u>Publication Date</u> | <u>Application Number</u> | <u>Application Date</u> |
|--|----------------------|-------------------------|---------------------------|-------------------------|
| RESPIRATORY TRACT DELIVERY OF LEVODOPA AND DOPA DECARBOXYLASE INHIBITOR FOR TREATMENT OF PARKINSON'S DISEASE | <i>Pending</i> | 20220406 | EP19838654 | 20190719 |
| RESPIRATORY TRACT DELIVERY OF LEVODOPA AND DOPA DECARBOXYLASE INHIBITOR FOR TREATMENT OF PARKINSON'S DISEASE | <i>Pending</i> | 20211125 | JP2021502918 | 20190719 |
| RESPIRATORY TRACT DELIVERY OF LEVODOPA AND DOPA DECARBOXYLASE INHIBITOR FOR TREATMENT OF PARKINSON'S DISEASE | <i>Pending</i> | 20210329 | KR1020217004903 | 20190719 |
| RESPIRATORY TRACT DELIVERY OF LEVODOPA AND DOPA DECARBOXYLASE INHIBITOR FOR TREATMENT OF PARKINSON'S DISEASE | US11517548 | 20221206 | US16517423 | 20190719 |
| RESPIRATORY TRACT DELIVERY OF LEVODOPA AND DOPA DECARBOXYLASE INHIBITOR FOR TREATMENT OF PARKINSON'S DISEASE | US11690819 | 20230704 | US17682033 | 20220228 |
| RESPIRATORY TRACT DELIVERY OF LEVODOPA AND DOPA DECARBOXYLASE INHIBITOR FOR TREATMENT OF PARKINSON'S DISEASE | <i>Pending</i> | 20230928 | US18313330 | 20230506 |
| NASAL DRUG DELIVERY DEVICE | AU2012223160 | 20160818 | AU20120223160 | 20120305 |
| NASAL DRUG DELIVERY DEVICE | AU2016256665 | 20181122 | AU20160256665 | 20161107 |
| NASAL DRUG DELIVERY DEVICE | BR112013022249 | 20221025 | BR20131122249 | 20120305 |
| NASAL DRUG DELIVERY DEVICE | BR122021002471 | 20221025 | BR122021002471 | 20120305 |
| NASAL DRUG DELIVERY DEVICE | CA2828884 | 20210427 | CA2828884 | 20120305 |
| NASAL DRUG DELIVERY DEVICE | CA3111516 | 20230523 | CA3111516 | 20120305 |
| NASAL DRUG DELIVERY DEVICE | CN103917265 | 20170215 | CN201280021497 | 20120305 |
| NASAL DRUG DELIVERY DEVICE | DE602012069911 | 20200528 | DE201260069911T | 20120305 |
| NASAL DRUG DELIVERY DEVICE | DE602012078550 | 20220811 | DE201260078550T | 20120305 |
| NASAL DRUG DELIVERY DEVICE | EP2680913 | 20200506 | EP20120752463 | 20120305 |
| NASAL DRUG DELIVERY DEVICE | EP3679971 | 20220727 | EP20200158982 | 20120305 |

| <u>Title</u> | <u>Patent Number</u> | <u>Publication Date</u> | <u>Application Number</u> | <u>Application Date</u> |
|--|----------------------|-------------------------|---------------------------|-------------------------|
| NASAL DRUG DELIVERY DEVICE | IN409215 | 20221021 | 7465/DELNP/2013 | 20130823 |
| NASAL DRUG DELIVERY DEVICE | JP6339371 | 20180606 | JP20130556677T | 20120305 |
| NASAL DRUG DELIVERY DEVICE | RU2612506 | 20170309 | RU20130144395 | 20120305 |
| NASAL DRUG DELIVERY DEVICE | RU2728583 | 20200730 | RU20170105845 | 20120305 |
| NASAL DRUG DELIVERY DEVICE | US10507295 | 20191217 | US15338097 | 20161028 |
| NASAL DRUG DELIVERY DEVICE | US11730903 | 20230822 | US16664588 | 20191025 |
| NASAL DRUG DELIVERY DEVICE | US9550036 | 20170124 | US14017048 | 20130903 |
| NASAL DRUG DELIVERY DEVICE | <i>Pending</i> | <i>Unpublished</i> | US18346244 | 20230702 |
| IN-LINE NASAL DELIVERY DEVICE | AU2016321345 | 20180419 | AU20160321345 | 20160909 |
| IN-LINE NASAL DELIVERY DEVICE | <i>Pending</i> | 20180308 | CA2998182 | 20160909 |
| IN-LINE NASAL DELIVERY DEVICE | CN108601916 | 20210709 | CN201680060459 | 20160909 |
| IN-LINE NASAL DELIVERY DEVICE | DE602016069688 | 20220317 | DE201660069688T | 20160909 |
| IN-LINE NASAL DELIVERY DEVICE | EP3341059 | 20220302 | EP20160845229 | 20160909 |
| IN-LINE NASAL DELIVERY DEVICE | HK18111496.6 | 20190524 | HK1252257 | 20180906 |
| IN-LINE NASAL DELIVERY DEVICE | IL257845 | 20220701 | IL20160257845 | 20160909 |
| IN-LINE NASAL DELIVERY DEVICE | IN503471 | 20180413 | IN201847012776 | 20180404 |
| IN-LINE NASAL DELIVERY DEVICE | JP6753927 | 20200909 | JP20180513344T | 20160909 |
| IN-LINE NASAL DELIVERY DEVICE | JP7001777 | 20220210 | JP20200139519 | 20160909 |
| IN-LINE NASAL DELIVERY DEVICE | <i>Pending</i> | 20180518 | KR20187009528 | 20160909 |
| IN-LINE NASAL DELIVERY DEVICE | MA42708 | 20180704 | MA20160042708 | 20160909 |
| IN-LINE NASAL DELIVERY DEVICE | MX397293 | 20221109 | MX20180002895 | 20160909 |
| IN-LINE NASAL DELIVERY DEVICE | NZ741171 | 20220128 | NZ20160741171 | 20160909 |
| IN-LINE NASAL DELIVERY DEVICE | US11266799 | 20220308 | US15759447 | 20160909 |
| IN-LINE NASAL DELIVERY DEVICE | <i>Pending</i> | <i>Unpublished</i> | US18538917 | 20131213 |
| IN-LINE NASAL DELIVERY DEVICE | ZA201801543 | 20220831 | ZA20180001543 | 20180306 |
| INTRANASAL DELIVERY OF DIHYDROERGOTAMINE BY PRECISION OLFACTORY DEVICE | AU2019205318 | 20220203 | AU2019205318 | 20190104 |

| <u>Title</u> | <u>Patent Number</u> | <u>Publication Date</u> | <u>Application Number</u> | <u>Application Date</u> |
|--|----------------------|-------------------------|---------------------------|-------------------------|
| INTRANASAL DELIVERY OF DIHYDROERGOTAMINE BY PRECISION OLFACTORY DEVICE | CA3088942 | 20230103 | CA3088942 | 20190104 |
| INTRANASAL DELIVERY OF DIHYDROERGOTAMINE BY PRECISION OLFACTORY DEVICE | <i>Pending</i> | 20201113 | CN201980016882 | 20190104 |
| INTRANASAL DELIVERY OF DIHYDROERGOTAMINE BY PRECISION OLFACTORY DEVICE | DE602019022249 | 20221208 | DE201960022249T | 20190104 |
| INTRANASAL DELIVERY OF DIHYDROERGOTAMINE BY PRECISION OLFACTORY DEVICE | EP3735244 | 20221123 | EP20190735973 | 20190104 |
| INTRANASAL DELIVERY OF DIHYDROERGOTAMINE BY PRECISION OLFACTORY DEVICE | ES2937440 | 20230328 | ES20190735973 | 20190104 |
| INTRANASAL DELIVERY OF DIHYDROERGOTAMINE BY PRECISION OLFACTORY DEVICE | HK40039614 | 20230414 | HK20216029274 | 20210414 |
| INTRANASAL DELIVERY OF DIHYDROERGOTAMINE BY PRECISION OLFACTORY DEVICE | IN202047033483 | 20200918 | IN202047033483 | 20200805 |
| INTRANASAL DELIVERY OF DIHYDROERGOTAMINE BY PRECISION OLFACTORY DEVICE | JP7317020 | 20230728 | JP20200537473T | 20190104 |
| INTRANASAL DELIVERY OF DIHYDROERGOTAMINE BY PRECISION OLFACTORY DEVICE | <i>Pending</i> | 20201014 | KR1020207022585 | 20190104 |
| INTRANASAL DELIVERY OF DIHYDROERGOTAMINE BY PRECISION OLFACTORY DEVICE | <i>Pending</i> | 20221010 | RU2020125871 | 20190104 |
| INTRANASAL DELIVERY OF DIHYDROERGOTAMINE BY PRECISION OLFACTORY DEVICE | US11185497 | 20221130 | US17062364 | 20201002 |
| INTRANASAL DELIVERY OF DIHYDROERGOTAMINE BY PRECISION OLFACTORY DEVICE | <i>Pending</i> | 20220407 | US17492136 | 20211001 |
| INTRANASAL DEVICE WITH DIP TUBE | <i>Pending</i> | 20210818 | EP18881599 | 20181121 |
| INTRANASAL DEVICE WITH DIP TUBE | HK62021025263.6 | 20210521 | HK40036055 | 20210208 |
| INTRANASAL DEVICE WITH DIP TUBE | JP7191099 | 20221216 | JP20200528005T | 20181121 |
| INTRANASAL DEVICE WITH DIP TUBE | US11571532 | 20230207 | US16198403 | 20181121 |
| NOZZLES FOR NASAL DRUG DELIVERY | AU2012253569 | 20180215 | AU20120253569 | 20120509 |

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|---|----------------------|-------------------------|---------------------------|-------------------------|
| NOZZLES FOR NASAL DRUG DELIVERY | AU2018200530 | 20190808 | AU20180200530 | 20180123 |
| NOZZLES FOR NASAL DRUG DELIVERY | BR112013028572 | 20221025 | BR20131128572 | 20120509 |
| NOZZLES FOR NASAL DRUG DELIVERY | CA2835208 | 20190820 | CA2835208 | 20120509 |
| NOZZLES FOR NASAL DRUG DELIVERY | CN103619485 | 20170808 | CN201280029975 | 20120509 |
| NOZZLES FOR NASAL DRUG DELIVERY | CN107376071 | 20210709 | CN201710572447 | 20120509 |
| NOZZLES FOR NASAL DRUG DELIVERY | DE602012075398 | 20210512 | DE201260075398T | 20120509 |
| NOZZLES FOR NASAL DRUG DELIVERY | EP2707146 | 20210428 | EP20120781605 | 20120509 |
| NOZZLES FOR NASAL DRUG DELIVERY | EP3851142 | 20210721 | EP20210161728 | 20120509 |
| NOZZLES FOR NASAL DRUG DELIVERY | IN406303 | 20220916 | IN2013DNN09576 | 20131106 |
| NOZZLES FOR NASAL DRUG DELIVERY | JP6645735 | 20200214 | JP20140510444T | 20120509 |
| NOZZLES FOR NASAL DRUG DELIVERY | JP6959708 | 20211105 | JP20170145911 | 20120509 |
| NOZZLES FOR NASAL DRUG DELIVERY | RU2618084 | 20170502 | RU20130154420 | 20120509 |
| NOZZLES FOR NASAL DRUG DELIVERY | RU2741249 | 20210122 | RU20170113604 | 20120509 |
| NOZZLES FOR NASAL DRUG DELIVERY | US10940278 | 20210309 | US15890266 | 20180206 |
| NOZZLES FOR NASAL DRUG DELIVERY | US11007332 | 20210518 | US15844474 | 20171215 |
| NOZZLES FOR NASAL DRUG DELIVERY | US11890412 | 20211021 | US17164371 | 20210201 |
| NOZZLES FOR NASAL DRUG DELIVERY | <i>Pending</i> | <i>Unpublished</i> | US18505101 | 20231108 |
| NOZZLES FOR NASAL DRUG DELIVERY | US9919117 | 20180320 | US14075126 | 20131108 |
| INTRANASAL DELIVERY OF LEVODOPA POWER BY PRECISION OLFACTORY DEVICE | <i>Pending</i> | 20200703 | CA3087696 | 20190104 |
| INTRANASAL DELIVERY OF LEVODOPA POWER BY PRECISION OLFACTORY DEVICE | <i>Pending</i> | 20201020 | CN201980016881 | 20190104 |
| INTRANASAL DELIVERY OF LEVODOPA POWER BY PRECISION OLFACTORY DEVICE | <i>Pending</i> | 20211006 | EP3735298 | 20190104 |
| INTRANASAL DELIVERY OF LEVODOPA POWER BY PRECISION OLFACTORY DEVICE | <i>Pending</i> | 20201014 | KR20207022586 | 20190104 |
| INTRANASAL DELIVERY OF LEVODOPA POWER BY PRECISION OLFACTORY DEVICE | <i>Pending</i> | 20220922 | US17498381 | 20211011 |
| MEDICAL UNIT DOSE CONTAINER | CA2909954 | 20210323 | CA2909954 | 20140428 |

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|-----------------------------|----------------------|-------------------------|---------------------------|-------------------------|
| MEDICAL UNIT DOSE CONTAINER | DE602014048612 | 20190718 | DE201460048612T | 20140428 |
| MEDICAL UNIT DOSE CONTAINER | EP2991713 | 20190619 | EP14727320 | 20140428 |
| MEDICAL UNIT DOSE CONTAINER | US10537692 | 20200121 | US14787455 | 20140428 |
| MEDICAL UNIT DOSE CONTAINER | US1191910 | 20211207 | US16695147 | 20191125 |

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