507279003 05/11/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7325924

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------------------|----------------|
| THE P.F. LABORATORIES, INC. | 04/08/2019 |
| PURDUE PHARMA TECHNOLOGIES, INC. | 04/08/2019 |

RECEIVING PARTY DATA

| Name: | PURDUE PHARMA L.P. |
|-----------------|--------------------|
| Street Address: | ONE STAMFORD FORUM |
| City: | STAMFORD |
| State/Country: | CONNECTICUT |
| Postal Code: | 06901-3431 |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 16900600 | |

CORRESPONDENCE DATA

Fax Number: (202)371-2540

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.

2023712600 Phone:

Email: bhsu@sternekessler.com, vballen@sternekessler.com Correspondent Name: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Address Line 1: 1100 NEW YORK AVENUE, N.W. Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER: 1861.467000H MATTHEW S. BODENSTEIN NAME OF SUBMITTER: SIGNATURE: /Matthew S. Bodenstein/ **DATE SIGNED:** 05/11/2022

Total Attachments: 9

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ASSIGNMENT

Effective as of April 8, 2019 (the "Effective Date"), each of The P.F. Laboratories, Inc., a New Jersey corporation, having a place of business at One Stamford Forum, 201 Tresser Boulevard, Stamford Connecticut 06901 ("PF"); and Purdue Pharma Technologies, Inc., a Delaware corporation, having a place of business at One Stamford Forum, Stamford Connecticut 06901 ("PPTI") (PF and PPTI are referred to individually as an "Assignor" and collectively as the "Assignors") for good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, does hereby irrevocably, sell, assign, transfer, convey and deliver to Purdue Pharma L.P., a Delaware limited partnership, having a place of business at One Stamford Forum, 201 Tresser Boulevard, Stamford Connecticut 06901 (hereinafter "Assignee"), its successors and assigns, all of such Assignor's right, title, and interest in and to the patents and patent applications set forth on Schedule 1 attached hereto and all (i) divisionals, continuations, continuations-in-part, reissues, extensions, supplementary protection certificates, reexaminations and the equivalents of any of the foregoing, (ii) rights to the inventions disclosed in any of the foregoing, (iii) patents or patent applications that claim priority or are foreign counterparts of any of the foregoing and (iv) rights to assert, claim or sue and collect damages, costs and expenses for the past, present or future infringement, misappropriation or other violation of any of the foregoing; in each case of (i), (ii), (iii) and (iv), in any jurisdiction or territory, said interest, being the entire ownership interest in the same currently held by each Assignor, to be held and enjoyed by Assignee, its successors, assigns, and legal representatives, to the full extent of their term thereof, as fully and entirely as the same would have been held and enjoyed by each Assignor if this assignment and sale had not been made.

Each Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from these applications to Assignee.

This Assignment shall be governed by and construed in accordance with the laws of the State of Delaware without regard to the conflicts of law principles thereof.

[The remainder of this page has been intentionally left blank; the next pages are the signature pages.]

IN WITNESS WHEREOF, the parties hereto, through their authorized representatives, have caused this Assignment to be duly executed and delivered as of the Effective Date.

THE P.F. LABORATORIES, INC.

Name: Edward Mahony

Title: Executive Vice President

STATE OF Connect Cut COUNTY OF Furfield

On the day of town, 2019, before me personally came Edward Wahany , who is personally known to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and did depose and say to The V.F. Labs , the entity described in and which executed the foregoing instrument, and that he or she executed and delivered said instrument pursuant to authority given by the board of directors of such entity (or other applicable authority of such entity).

> FRANCESCA DeBIASE NOTARY PUBLIC OF CONNECTICUT Comm. # 163524 My Commission Expires 2/28/2023

Notary Public

(PLACE STAMP AND SEAL ABOVE)

STATE OF Connecticut)
COUNTY OF Fair field) ss

FRANCESCA DeBIASE
NOTARY PUBLIC OF CONNECTICUT
Comm. # 163524
My Commission Expires 2/28/2023

Notary Public

(PLACE STAMP AND SEAL ABOVE)

PURDUE PHARMA L.P.

| By: I | Purdue | Pharma | Inc., | its | general | partner |
|-------|--------|--------|-------|-----|---------|---------|
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By: Jon Lowne
Title: SVP, Chief Financial Officer

STATE OF Connecticut)
COUNTY OF Fair field)

On the Oday of Mil, 2019, before me personally came be the individual whose name is subscribed to the within instrument and did depose and say to me that he or she executed the same in his or her capacity as SVI CFO of which within instrument, the entity described in and which executed the foregoing instrument, and that he or she executed and delivered said instrument pursuant to authority given by the board of directors of such entity (or other applicable authority of such entity).

FRANCESCA DeBIASE
NOTARY PUBLIC OF CONNECTICUT
Comm. # 163524
My Commission Expires 2/28/2023

Notary Public

(PLACE STAMP AND SEAL ABOVE)

Schedule I PF Labs and PPTI Assignment

| Application Parmaceutical formulation containing gelling agent (0210,434) 1 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (0210,434) 2 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (0210,412) 3 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (12653,115) 5 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (12653,115) 5 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (13749,449) 8,337,888 6 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (13765,324) 9,060,976 7 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (13765,324) 9,060,976 8 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (13990,874) 9,308,170 9 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (13990,593) 8,529,948 10 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (13990,593) 8,529,948 11 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (14743,580) 12 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (14743,580) 13 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (1476),531 14 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (1476),631 15 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (1476),631 16 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (1476),631 17 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (1476),631 18 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (1476),632 19 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (1476),632 19 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (1476),632 20 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (1476),632 21 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (1476),632 22 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (1476),003 23 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (1476),001 24 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (1476),001 25 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (1476),001 26 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (1476),001 27 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT (1476),001 28 PHARMACEUTICAL FORMULATION CONT | | PF Labs and PPTI Assignment | | |
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Schedule 1 PF Labs and PPTI Assignment

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| 39 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 40 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 41 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 42 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 43 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 44 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 45 Pharmaceutical Formulation Containing Gelling Agent 46 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 47 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 48 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 49 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 40 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 40 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 41 S/015,763 42 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 43 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 44 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 45 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 46 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 47 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 48 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 49 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 40 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGEN | 37 | PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT | 14/851,575 | 9,387,174 |
| 40 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 41 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 42 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 43 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 44 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 45 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 46 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 47 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 48 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 49 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 40 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 40 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 41 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 42 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 43 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 44 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 45 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 46 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 47 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 48 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 49 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 40 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 41 SOUTH AND ASSOCIATED AGENT 42 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 43 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 44 STARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 45 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 46 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 46 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 47 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 47 PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT 47 PHARMACEUTICAL FORMULATION CONTAI | 38 | PHARMACEUTICAL FORMULATION CONTAINING GELLING AGENT | 14/851,727 | 9,517,207 |
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| PHARMACEUTICAL FORMULATION CONTAINING OPIOID 7/ AGONIST, OPIOID ANTAGONIST AND GELLING AGENT PROCESS FOR PREPARING OXYCODONE HYDROCHLORIDE RAVING LESS THAN 25 PPM 14-HYDROXYCODEINONE PROCESS FOR PREPARING OXYCODONE HYDROCHLORIDE BI AVING LESS THAN 25 PPM 14-HYDROXYCODEINONE PROCESS FOR PREPARING OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14-HYDROXYCODEINONE PROCESS FOR PREPARING OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14-HYDROXYCODEINONE PROCESS FOR PREPARING OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14-HYDROXYCODEINONE PROCESS FOR PREPARING OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14-HYDROXYCODEINONE PROCESS FOR PREPARING OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14-HYDROXYCODEINONE PROCESS FOR PREPARING OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14-HYDROXYCODEINONE OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14- **SHYDROXYCODEINONE OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14- **SHYDROXYCODEINONE OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14- **SHYDROXYCODEINONE OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14- SHYDROXYCODEINONE OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14- HYDROXYCODEINONE OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14- HYDROXYCODEINONE OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14- HYDROXYCODEINONE OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14- HYDROXYCODEINONE OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14- HYDROXYCODEINONE OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14- HYDROXYCODEINONE OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14- HYDROXYCODEINONE OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14- HYDROXYCODEINONE OXYCODONE HYDROCHLORIDE HAVING LESS T | | | | |
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| PROCESS FOR PREPARING OXYCODONE HYDROCHLORIDE 11/391,897 | | PROCESS FOR PREPARING OXYCODONE HYDROCHLORIDE | | g 100 0 10 |
| 84 HAVING LESS THAN 25 PPM 14-HYDROXYCODEINONE 11/391,897 | 83 | HAVING LESS THAN 25 PPM 14-HYDROXYCODEINONE | 11/093,626 | 7,129,248 |
| OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14- 11/653,530 7,674,798 OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14- 186 HYDROXYCODEINONE 11/653,529 7,683,072 OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14- 187 HYDROXYCODEINONE 11/653,531 7,674,799 OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14- 188 HYDROXYCODEINONE 11/729,741 7,674,800 OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14- 189 HYDROXYCODEINONE 12/380,800 OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14- 199 HYDROXYCODEINONE 12/711,948 8,822,687 OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14- 191 HYDROXYCODEINONE 12/893,681 OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14- 191 HYDROXYCODEINONE 12/893,681 OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14- 192 HYDROXYCODEINONE 12/893,681 OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14- 194 HYDROXYCODEINONE 12/893,681 OXYCODONE COMPOSITIONS 14/725,110 94 OXYCODONE COMPOSITIONS 14/725,110 95 OXycodone Compositions 14/725,110 96 METHODS OF TREATING OXYCODONE COMPOSITIONS 15/058,379 97 PROCESS FOR PREPARING OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PP, 14-HYDROXYCODEINONE AND 15/058,912 PROCESS FOR PREPARING OXYCODONE COMPOSITIONS 15/058,912 PROCESS FOR PREPARING OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PP, 14-HYDROXYCODEINONE AND 15/058,900 PROCESS FOR PREPARING OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PP, 14-HYDROXYCODEINONE AND 15/058,900 PROCESS FOR PREPARING OXYCODONE COMPOSITIONS 15/058,900 PROCESS FOR PREPARING OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PP, 14-HYDROXYCODEINONE AND 15/058,412 PROCESS FOR PREPARING OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PP, 14-HYDROXYCODEINONE AND 15/061,416 100 COMPOSITIONS THEREOF 15/061,416 101 PROCESS FOR PREPARING OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PP, 14-HYDROXYCODEINONE AND 15/061,541 PROCESS FOR PREPARING OXYCODONE HYD | | | 11/201 907 | |
| 11/633,530 7,674,798 | 84 | HAVING LESS THAN 25 PPM 14-HYDROXYCODEINONE | 11/391,897 | - |
| OXYCODONE HYDROCHLORIDE HAVING LESS THAN 25 PPM 14- 11/653,529 7,683,072 | 0.5 | | 11/653 530 | 7 674 798 |
| 11/653,529 7,683,072 | 85 | OVYCODONE HYDROCHI ORIDE HAVING LESS THAN 25 PPM 14- | 11/033,330 | 7,074,750 |
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| 89 HYDROXYCODEINONE 12/380,800 | 88 | HYDROXYCODEINONE | 11/729,741 | 7,674,800 |
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| | | PROCESS FOR PREPARING OXYCODONE HYDROCHLORIDE | | |
| 105 COMPOSITIONS THEREOF 15/061,588 | | | | |
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Schedule 1 PF Labs and PPTI Assignment

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| # | App Title | Number | Patent No. |
| | PROCESS FOR PREPARING OXYCODONE HYDROCHLORIDE | PART SOCIETY OF EACH PART OF | 14 62 6-12 A. |
| | HAVING LESS THAN 25 PP, 14-HYDROXYCODEINONE AND | | |
| 106 | COMPOSITIONS THEREOF | 15/061,640 | |
| | PROCESS FOR PREPARING OXYCODONE HYDROCHLORIDE | | |
| | HAVING LESS THAN 25 PP, 14-HYDROXYCODEINONE AND | | |
| | COMPOSITIONS THEREOF | 15/061,681 | |
| | PROCESS FOR PREPARING OXYCODONE HYDROCHLORIDE | | |
| | HAVING LESS THAN 25 PP, 14-HYDROXYCODEINONE AND | | |
| | COMPOSITIONS THEREOF | 15/061,733 | |
| | PROCESS FOR PREPARING OXYCODONE HYDROCHLORIDE | | |
| | HAVING LESS THAN 25 PP, 14-HYDROXYCODEINONE AND | | 1 |
| | COMPOSITIONS THEREOF | 15/058,363 | |
| | PROCESS FOR PREPARING OXYCODONE HYDROCHLORIDE | | |
| , | HAVING LESS THAN 25 PP, 14-HYDROXYCODEINONE AND | l | |
| | COMPOSITIONS THEREOF | 15/721,167 | |
| | PROCESS FOR PREPARING OXYCODONE COMPOSITIONS | 16/262,683 | |
| | METHOD OF REDUCING ALPHA, BETA UNSATURATED KETONES | | |
| | IN OPIOID COMPOSITIONS | 60/658,791 | |
| | METHOD OF REDUCING ALPHA, BETA UNSATURATED KETONES | | |
| 113 | IN OPIOID COMPOSITIONS | 11/885,402 | 7,939,543 |

PATENT REEL: 060378 FRAME: 0842

RECORDED: 05/10/2022