PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5056609

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| NATHANIEL MOORE | 04/04/2016 |
| MICHAEL MOORE | 04/04/2016 |

RECEIVING PARTY DATA

| Name: | APQS, LLC |
|-----------------|-----------------|
| Street Address: | 209 N WALNUT ST |
| City: | CARROLL |
| State/Country: | IOWA |
| Postal Code: | 51401 |

PROPERTY NUMBERS Total: 2

| Property Type | Number |
|---------------------|--------------|
| Application Number: | 15471925 |
| PCT Number: | US2017024771 |

CORRESPONDENCE DATA

Fax Number: (319)286-7050

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 3192867000

Email: ptomail@nyemaster.com

RYAN N. CARTER **Correspondent Name:** Address Line 1: 625 FIRST STREET SE

Address Line 2: SUITE 400

Address Line 4: CEDAR RAPIDS, IOWA 52401

| ATTORNEY DOCKET NUMBER: | 3002814-1003 |
|-------------------------|--------------------|
| NAME OF SUBMITTER: | STEPHANIE L HOGE |
| SIGNATURE: | /Stephanie L Hoge/ |
| DATE SIGNED: | 07/18/2018 |

Total Attachments: 3

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PATENT REEL: 046387 FRAME: 0766 505009861

PATENT ASSIGNMENT

WHEREAS, APQS, LLC having an address at 209 N Walnut ST, Carroll, IA 51401 ("Assignee"), is desirous of acquiring the entire interest in and to the Patent and the invention covered by it.

NOW, THEREFORE, in consideration of One (1) Dollar and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned does hereby sell, assign, and transfer to Assignee and the legal representatives, successors, and assigns of the Assignee, the entire right, title and interest in and to: (1) the invention described in the Patent, including all know-how relating thereto; and (2) the Patent, including any and all subsequent related applications and issued patents, including continuation applications, divisional applications, continuation-in-part applications, international applications, foreign/national phase applications, and any reissue or reissues of the Patent, the same to be held and enjoyed by the Assignee as fully and entirely as the same would have been held and enjoyed by the undersigned had this assignment and sale not been made, and together with all claims for damages by reason of past infringement of the Patent with the right to sue for and collect the same for the Assignee's own use.

The undersigned also covenants and agrees with the Assignee that the undersigned has the full right to convey the interest sold and assigned and has not executed and will not execute any writing or do any act whatsoever in conflict with the rights and interest assigned; and that the undersigned will at any time upon request, without further or additional consideration, but at the expense of the Assignee: execute such additional assignments and other documents and do such additional acts as the Assignee may deem necessary or desirable to perfect or confirm this assignment and the Assignee's enjoyment of the rights acquired; and aid in enforcing any rights accruing as a result of the Patent by giving testimony in any proceedings or transactions involving the Patent and by cooperating in the execution of documents, statements, affidavits, etc. that may be required in any such proceeding or transaction.

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It is understood that the foregoing covenants and agreements shall bind the legal representatives of the undersigned and inure to the benefit of the legal representatives, successors and assigns of the Assignee.

Effective the 29th day of March, 2016.

Nathaniel Moore, Inventor

STATE OF IOWA, COUNTY OF Carrell 88

The foregoing instrument was acknowledged before me this 11 day of

KATHY SCHAVALLER Contribution Number 7 (1919) My Contribution Express Navember 20, 20

Kara Jehweller NOVARY PUBLIC Print Name: Kathy Schwaller

Michael Moore, Inventor

| STATE OF IOWA, COUNTY OF | |
|---|---|
| The foregoing instrument was | acknowledged before me this 4^{+6} day out 6 |
| ### ## Control Number 198197 ### My Control Story November 20, 20 | Kather Schwaller NOTARY (NOTE)C Pring Name: Kathy Schwaller |
| | Now Commence Victoriana 11 + 30 Section |