

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT4851379

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ERNEST MATTHEW CHAVANA JR.	02/15/2018
RICHARD FOSTER	02/20/2018
STANLEY ANDERSON	02/15/2018
CHRISTOPHER TERPSTRA	02/16/2018
JAN VALENTIC	02/16/2018
XINTAO MA	02/19/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	RUG DOCTOR, LLC
<b>Street Address:</b>	2201 W. PLANO PARKWAY
<b>City:</b>	PLANO
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	75075
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	29618147
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)518-5499
<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>	
<b>Phone:</b>	7036841111
<b>Email:</b>	docketing@ipfirm.com, yshgroup@ipfirm.com
<b>Correspondent Name:</b>	HAUPTMAN HAM LLP
<b>Address Line 1:</b>	2318 MILL ROAD
<b>Address Line 2:</b>	SUITE 1400
<b>Address Line 4:</b>	ALEXANDRIA, VIRGINIA 22314
<b>ATTORNEY DOCKET NUMBER:</b>	6040-0012DES
<b>NAME OF SUBMITTER:</b>	YOON S. HAM
<b>SIGNATURE:</b>	/Yoon S. Ham/
<b>DATE SIGNED:</b>	03/05/2018

**Total Attachments: 4**

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### ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- 1) Ernest Matthew CHAVANA JR.
- 2) Richard FOSTER
- 3) Stanley ANDERSON
- 4) Christopher TERPSTRA
- 5) Jan VALENTIC
- 6) Xintao Ma

x box if continued on page 2

who has made a certain new and useful invention, hereby sells, assigns and transfers Rug Doctor, LLC having a place of business at 2201 W. Plano Parkway, Plano, TX 75075 its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled:

#### SURFACE CLEANING HEAD

(a) for which an application for United States Letters Patent was filed on \_\_\_\_\_, and identified by United States Patent Application No. \_\_\_\_\_; or

(b) for which an application for United States Letters Patent was executed on \_\_\_\_\_

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

1) Ernest Matthew Chavana Jr.  
Name: Ernest Matthew CHAVANA JR.

2/15/18  
Date

2) \_\_\_\_\_  
Name: Richard FOSTER

\_\_\_\_\_  
Date

3) Stanley M. Anderson  
Name: Stanley ANDERSON

2/15/2018  
Date

# ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- 1) Ernest Matthew CHAVANA JR.
- 2) Richard FOSTER
- 3) Stanley ANDERSON
- 4) Christopher TERPSTRA
- 5) Jan VALENTIC
- 6) Xintao Ma

x box if continued on page 2

who has made a certain new and useful invention, hereby sells, assigns and transfers **Rug Doctor, LLC** having a place of business at **2201 W. Plano Parkway, Plano, TX 75075** its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled:


## SURFACE CLEANING HEAD

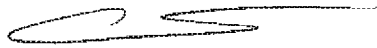
- (a) for which an application for United States Letters Patent was filed on \_\_\_\_\_, and identified by United States Patent Application No. \_\_\_\_\_; or
- (b) for which an application for United States Letters Patent was executed on \_\_\_\_\_

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

- 1) \_\_\_\_\_  
Name: Ernest Matthew CHAVANA JR. Date \_\_\_\_\_
- 2)   
Name: Richard FOSTER Date 2.20.18
- 3) \_\_\_\_\_  
Name: Stanley ANDERSON Date \_\_\_\_\_

4)   
Name: **Christopher TERPSTRA**

2/16/18  
Date

5)   
Name: **Jan VALENTIC**

2/16/18  
Date

6) \_\_\_\_\_  
Name: **Xintao Ma**

\_\_\_\_\_  
Date

4) \_\_\_\_\_  
Name: Christopher TERPSTRA

\_\_\_\_\_  
Date

5) \_\_\_\_\_  
Name: Jan VALENTIC

\_\_\_\_\_  
Date

6) Xintao Ma  
Name: Xintao Ma

2018.2.19  
Date