

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5053236

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
JAMES M. ANTHONY	06/05/2018
DANIEL M. FOGARTY	07/09/2018
PAUL A. BRAYFORD	04/11/2018
ROBERT FISHER	04/05/2018
DANIEL A. HUBER	04/11/2018
JAN PRUEGNER	03/28/2018
CLARK BRACE	04/25/2018
KEVIN DANN	06/07/2018
MAX OELSCHLAGER	06/08/2018
TODD NELSON	04/11/2018
NICKOLAS C. BUCCOLA	03/23/2018
MICHAEL S. GOLDBERG	04/02/2018

**RECEIVING PARTY DATA**

<b>Name:</b>	HUNTER DOUGLAS INC.
<b>Street Address:</b>	1 BLUE HILL PLAZA
<b>City:</b>	PEARL RIVER
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10965

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15889171

**CORRESPONDENCE DATA**

Fax Number: (312)580-9696

*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: 312-580-1020

Email: bkowalski@hfzlaw.com

Correspondent Name: HANLEY, FLIGHT &amp; ZIMMERMAN, LLC

Address Line 1: 150 S WACKER DRIVE

Address Line 2: SUITE 2200

PATENT

**Address Line 4:** CHICAGO, ILLINOIS 60606

**ATTORNEY DOCKET NUMBER:** HZ-155-US-10-NPR

**NAME OF SUBMITTER:** BRANDON J. DUBE

**SIGNATURE:** /Brandon J. Dube/

**DATE SIGNED:** 07/17/2018

**Total Attachments: 12**

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ASSIGNMENT

WHEREAS, as a below-named inventor, with citizenship and residence as provided with my signature below, I declare I am an inventor of inventions, improvements, and discoveries (hereinafter "INVENTIONS") as disclosed and described in:

- United States patent application or PCT international patent application number 15/889171 filed on February 5 2018
- a United States patent application identified by attorney docket No. \_\_\_\_\_

entitled: METHODS AND APPARATUS TO REDUCE NOISE IN MOTOR ASSEMBLIES

WHEREAS, Hunter Douglas Inc. (hereinafter "ASSIGNEE"), a Delaware corporation having a place of business at 1 Blue Hill Plaza, Pearl River, New York, 10965, desires to acquire, and I, as an inventor, desire to grant to ASSIGNEE, the entire worldwide right, title, and interest in and to the INVENTIONS and in and to any and all patent applications, patents, utility models, inventor certificates or similar certificates, designs, and all other industrial and intellectual property protection for the INVENTIONS including all national stage applications, divisions, continuations, continuations-in-part, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof (hereinafter "PATENT RIGHTS") directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged:

I HEREBY sell or have sold, assign or have assigned, and otherwise transfer or have transferred to ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the INVENTIONS, the above-identified United States patent application or PCT international patent application, and any and all other PATENT RIGHTS which may be applied for or granted therefor in and outside the United States, and all rights of priority resulting from the filing of such applications and granting of such patents.

I HEREBY authorize and request the authorized and designated intellectual property Officials and Authorities in the United States and outside the United States, responsible for issuing patents or other evidence or forms of any intellectual property protection, to issue any PATENT RIGHTS in connection with the INVENTIONS to ASSIGNEE, its successors, legal representatives, and assigns, and to grant the entire worldwide right, title, and interest in and to the same to be held and enjoyed by ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such PATENT RIGHTS may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made.

I HEREBY agree to execute and deliver any and all documents and instruments, make all rightful oaths, testify in any legal proceedings, and perform all lawful acts related to obtaining, reissuing, perfecting title in, and enforcing the INVENTIONS and PATENT RIGHTS in any and all countries throughout the world, and related to recording this Assignment or perfecting title to the INVENTIONS and PATENT RIGHTS in ASSIGNEE, its successors, legal representatives, and assigns.

I HEREBY warrant and covenant that I have the full and unencumbered right to sell and transfer and assign the entire rights, titles, and interests herein sold and transferred and assigned, and that I have not executed and will not execute any document or instrument in conflict herewith; and I further acknowledge any prior and ongoing obligations to sell, assign, and transfer the rights under this

Assignment to ASSIGNEE and am not aware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and I have not executed, and will not execute, any document or instrument in conflict herewith.

I HEREBY agree to communicate to ASSIGNEE, its successors, legal representatives, and assigns all facts and information known to me relating to the INVENTIONS and PATENT RIGHTS and the history thereof, and to assist ASSIGNEE, its successors, legal representatives, or assigns in securing and maintaining and enforcing the PATENT RIGHTS;

I HEREBY authorize ASSIGNEE, its successors, legal representatives, and assigns, to insert in this Assignment any further identification or information (including, but not limited to, patent application number or dates) which may be necessary or desirable in order to comply with the rules of any government entity for the recordation of this Assignment, and to sign or execute all papers and to perform any necessary acts on my behalf, to the fullest extent permitted by law.

I HEREBY acknowledge that I have signed this document as my own free act and that all of the foregoing is true and correct and that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

(1) Legal Name of Inventor: James M. Anthony

Signature: James M. Anthony Date: 6/5/2018

Citizenship: US

Address: 4276 Grove Street, Denver, CO 80211

State: Colorado

City/County: Broomfield

On 6/5/2018 before me, Tara Deard, a Notary Public, personally appeared James M. Anthony, to me known and known to me to be the Inventor named above, who signed this assignment and acknowledged it to be his free act and deed.

3/23/2020  
Commission Expiry Date

Tara Deard  
Notary Public Signature (seal)

TARA DEARD  
NOTARY PUBLIC  
STATE OF COLORADO  
NOTARY ID # 19944014079  
MY COMMISSION EXPIRES 03-23-2020

(2) Legal Name of Inventor: Daniel M. Fogarty

Signature: [Handwritten Signature] Date: 7/9/18

Citizenship: US  
Address: 5357 Gunbarrel Center Ct., Boulder, CO 80301

State: Colorado  
City/County: Broomfield

On July 9, 2018 before me, Tara Deard, a Notary Public, personally appeared Daniel M. Fogarty, to me known and known to me to be the Inventor named above, who signed this assignment and acknowledged it to be his free act and deed.

3/23/2020  
Commission Expiry Date

[Handwritten Signature]  
Notary Public Signature (seal)

TARA DEARD  
NOTARY PUBLIC  
STATE OF COLORADO  
NOTARY ID # 19944014079  
MY COMMISSION EXPIRES 03-23-2020

(3) Legal Name of Inventor: Paul A. Brayford

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Citizenship: US  
Address: 8199 Welby Road #1404 Denver CO 80229

State: \_\_\_\_\_  
City/County: \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_, a Notary Public, personally appeared \_\_\_\_\_, to me known and known to me to be the Inventor named above, who signed this assignment and acknowledged it to be his free act and deed.

\_\_\_\_\_  
Commission Expiry Date

\_\_\_\_\_  
Notary Public Signature (seal)

(2) Legal Name of Inventor: Daniel M. Fogarty

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Citizenship: US  
Address: 5357 Gunbarrel Center Ct., Boulder, CO 80301

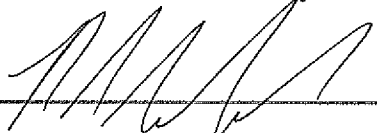
State: \_\_\_\_\_  
City/County: \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_, a Notary Public,  
personally appeared \_\_\_\_\_, to me known and known to me to be the Inventor  
named above, who signed this assignment and acknowledged it to be his free act and deed.

\_\_\_\_\_  
Commission Expiry Date

\_\_\_\_\_  
Notary Public Signature (seal)

(3) Legal Name of Inventor: Paul A. Brayford

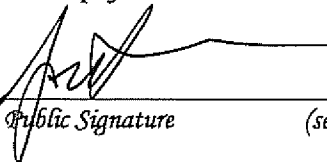
Signature:  \_\_\_\_\_ Date: 4/11/2018

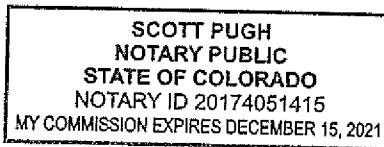
Citizenship: US  
Address: 8199 Welby Road #1404 Denver CO 80229

State: CO  
City/County: Broomfield

On April 11 2018 before me, Scott Pugh, a Notary Public,  
personally appeared Paul Brayford, to me known and known to me to be the Inventor  
named above, who signed this assignment and acknowledged it to be his free act and deed.

Dec 15 2021  
Commission Expiry Date

 \_\_\_\_\_  
Notary Public Signature (seal)



(4) Legal Name of Inventor: Robert Fisher

Signature: [Handwritten Signature] Date: 4/5/18

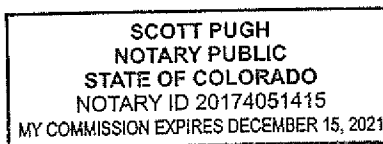
Citizenship: US  
Address: 13460 Lafayette Court Thornton CO 80241

State: CO  
City/County: Broomfield

On April 5 2018 before me, Scott Pugh, a Notary Public, personally appeared Robert Fisher, to me known and known to me to be the Inventor named above, who signed this assignment and acknowledged it to be his free act and deed.

Dec 15 2021  
Commission Expiry Date

[Handwritten Signature]  
Notary Public Signature (seal)



(5) Legal Name of Inventor: Daniel A. Huber

Signature: [Handwritten Signature] Date: 4/11/18

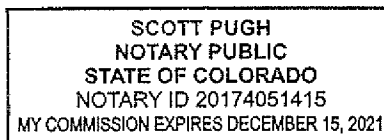
Citizenship: US  
Address: 15916 W. 64th Circle Arvada CO 80007

State: CO  
City/County: Broomfield

On April 11, 2018 before me, Scott Pugh, a Notary Public, personally appeared Daniel Huber, to me known and known to me to be the Inventor named above, who signed this assignment and acknowledged it to be his free act and deed.

Dec 15 2021  
Commission Expiry Date

[Handwritten Signature]  
Notary Public Signature (seal)



(6) Legal Name of Inventor: Jan Pruegner

Signature: \_\_\_\_\_ Date: 20.03.18

Citizenship: DE  
Address: Karl-Marx-Strasse 67 Dresden OT 01109 Germany

Signed in the presence of: Sebastian Fraulo  
Witness Name: \_\_\_\_\_ ]

(7) Legal Name of Inventor: Clark Brace

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Citizenship: US  
Address: 8411 W. 95th Drive, Westminster CO 80021

State: \_\_\_\_\_  
City/Country: \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_ a Notary Public,  
personally appeared \_\_\_\_\_, to me known and known to me to be the Inventor  
named above, who signed this assignment and acknowledged it to be his free act and deed.

Commission Expiry Date: \_\_\_\_\_

Notary Public Signature \_\_\_\_\_ (seal)



(6) Legal Name of Inventor: Jan Pruegner

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Citizenship: DE  
Address: Karl-Marx-Strasse 67 Dresden OT 01109 Germany

Signed in the presence of: \_\_\_\_\_

Witness Name: \_\_\_\_\_ ]

(7) Legal Name of Inventor: Clark Brace

Signature: Clark D Brace Date: 4/25/2018

Citizenship: US  
Address: 8411 W. 95th Drive, Westminster CO 80021

State: CO

City/County: Broomfield

On April 25 2018 before me, Scott Pugh, a Notary Public,  
personally appeared Clark Brace, to me known and known to me to be the Inventor  
named above, who signed this assignment and acknowledged it to be his free act and deed.

Dec 15 2021  
Commission Expiry Date

[Signature]  
Notary Public Signature (seal)

SCOTT PUGH  
NOTARY PUBLIC  
STATE OF COLORADO  
NOTARY ID 20174051415  
MY COMMISSION EXPIRES DECEMBER 15, 2021

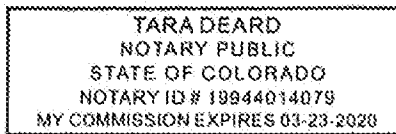
(8) Legal Name of Inventor: Keyin Dann

Signature: [Handwritten Signature] Date: 6-7-18

Citizenship: US  
Address: 6017 S. Lima Way, Englewood, CO., 80111

State: Colorado  
City/County: Broomfield  
On June 7, 2018 before me, Tara Deard, a Notary Public,  
personally appeared Kevin Dann, to me known and known to me to be the  
Inventor named above, who signed this assignment and acknowledged it to be his free act and deed.  
3/23/2020  
Commission Expiry Date

[Handwritten Signature]  
Notary Public Signature (seal)



(9) Legal Name of Inventor: Max Oelschlager

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Citizenship: US  
Address: 1499 Blake St. Unit 5L, Denver, CO 80202

State: \_\_\_\_\_  
City/County: \_\_\_\_\_  
On \_\_\_\_\_ before me, \_\_\_\_\_, a Notary Public,  
personally appeared \_\_\_\_\_, to me known and known to me to be the  
Inventor named above, who signed this assignment and acknowledged it to be his free act and deed.  
\_\_\_\_\_  
Commission Expiry Date

\_\_\_\_\_  
Notary Public Signature (seal)

(8) Legal Name of Inventor: Kevin Dann

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Citizenship: US  
Address: 6017 S. Lima Way, Englewood, CO., 80111

State: \_\_\_\_\_  
City/County: \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_ a Notary Public,  
personally appeared \_\_\_\_\_, to me known and known to me to be the Inventor  
named above, who signed this assignment and acknowledged it to be his free act and deed.

\_\_\_\_\_  
Commission Expiry Date

\_\_\_\_\_  
Notary Public Signature (seal)

(9) Legal Name of Inventor: Max Oelschlager

Signature: Max Oelschlager Date: 06/08/2018

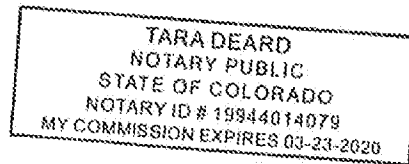
Citizenship: US  
Address: 12881 S Princess Cir., Broomfield, CO 80020

State: Colorado  
City/County: Broomfield

On June 8, 2018 before me, Tara Deard a Notary Public,  
personally appeared Max Oelschlager, to me known and known to me to be the Inventor  
named above, who signed this assignment and acknowledged it to be his free act and deed.

3/23/2020  
Commission Expiry Date

Tara Deard  
Notary Public Signature (seal)



(10) Legal Name of Inventor: Todd Nelson

Signature: [Signature] Date: 4/11/2018

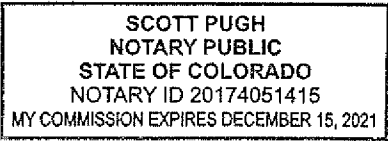
Citizenship: US  
Address: 723 W. Hemlock Cir. Louisville CO 80027

State: CO  
City/County: Broomfield

On April 11, 2018 before me, Scott Pugh, a Notary Public,  
personally appeared Todd Nelson to me known and known to me to be the  
Inventor named above, who signed this assignment and acknowledged it to be his free act and deed.

Dec 15 2021  
Commission Expiry Date

[Signature]  
Notary Public Signature (seal)



(11) Legal Name of Inventor: Nickolas C. Buccola

Signature: Nickolas C. Buccola Date: 3-23-18

Citizenship: US  
Address: 5509 Old Town Ln. Gastonia, NC 28056

State: North Carolina  
City/County: Bessemer City / Gaston

On March 23rd 2018 before me, Jennifer D. Sexton, a Notary Public,  
personally appeared Nickolas C. Buccola to me known and known to me to be the  
Inventor named above, who signed this assignment and acknowledged it to be his free act and deed.

11/3/2019  
Commission Expiry Date

Jennifer D. Sexton  
Notary Public Signature (seal)



(12) Legal Name of Inventor: Michael S. Goldberg

Signature: Michael S. Goldberg Date: 4/2/18

Citizenship: US

Address: 7528 Sedgebrook Drive West Stanley, NC., 28164

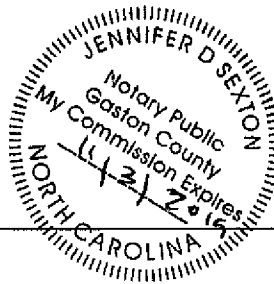
State: North Carolina

City/County: Bessemer City / Gaston

On April 2nd 2014 before me, Jennifer D. Sexton, a Notary Public, personally appeared Michael S. Goldberg, to me known and known to me to be the Inventor named above, who signed this assignment and acknowledged it to be his free act and deed.

11/3/2019  
Commission Expiry Date

Jennifer D. Sexton  
Notary Public Signature (seal)



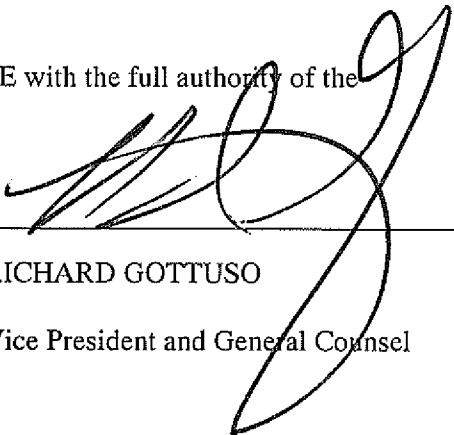
**ACCEPTANCE BY ASSIGNEE**

In connection with an assignment in any jurisdiction in which an acceptance by ASSIGNEE is required, I hereby acknowledge the previous statements of the inventors and accept this assignment on behalf of **Hunter Douglas Inc.** I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that (check all that apply):

I am an officer of the above-identified ASSIGNEE,

I have signed this document on behalf of ASSIGNEE with the full authority of the ASSIGNEE.

Dated: July 9, 2018

By:   
Name: RICHARD GOTTUSO  
Title: Vice President and General Counsel