

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOSIAH DOUGLAS	03/29/2019
KURT MICHAEL WITTMER	03/29/2019
MICHAEL ALAN MCCUE	03/29/2019
DAVID W. CALDWELL II	04/25/2019
GREGORY ROBERT STURM	04/12/2019
DEREK ROBERT STURM	04/26/2019
THOMAS ANTHONY HILLERICH JR.	05/07/2019
RECEIVING PARTY DATA	
Name:	MATERIAL HANDLING SYSTEMS, INC.
Street Address:	131 GRIFFIN WAY
City:	MOUNT WASHINGTON
State/Country:	KENTUCKY
Postal Code:	40047
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	16793902
PCT Number:	US2020018661
CORRESPONDENCE DATA	
Fax Number:	(502)587-6391
<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:	502-587-3400
Email:	spyles@stites.com
Correspondent Name:	STITES & HARBISON, PLLC
Address Line 1:	400 W MARKET ST
Address Line 2:	SUITE 1800
Address Line 4:	LOUISVILLE, KENTUCKY 40202-3352
ATTORNEY DOCKET NUMBER:	MA316-183094-U
NAME OF SUBMITTER:	SUSAN PYLES
SIGNATURE:	/susan pyles/

PATENT

DATE SIGNED:	02/18/2020
Total Attachments: 9 source=MA316-183094_Assignment#page1.tif source=MA316-183094_Assignment#page2.tif source=MA316-183094_Assignment#page3.tif source=MA316-183094_Assignment#page4.tif source=MA316-183094_Assignment#page5.tif source=MA316-183094_Assignment#page6.tif source=MA316-183094_Assignment#page7.tif source=MA316-183094_Assignment#page8.tif source=MA316-183094_Assignment#page9.tif	

ASSIGNMENT OF INVENTION AND OF LETTERS PATENT

WHEREAS, I, Josiah Douglas of Louisville, Kentucky, have invented certain improvements in a VACUUM-BASED END EFFECTOR and have executed an application for United States Letters Patent, namely U.S. Application Serial No. 62/807,853 filed on February 20, 2019;

WHEREAS, I, Kurt Michael Wittmer of Louisville, Kentucky, have invented certain improvements in a VACUUM-BASED END EFFECTOR and have executed an application for United States Letters Patent, namely U.S. Application Serial No. 62/807,853 filed on February 20, 2019;

WHEREAS, I, Michael Alan McCue of Louisville, Kentucky, have invented certain improvements in a VACUUM-BASED END EFFECTOR and have executed an application for United States Letters Patent, namely U.S. Application Serial No. 62/807,853 filed on February 20, 2019;

WHEREAS, I, David W. Caldwell II of Louisville, Kentucky, have invented certain improvements in a VACUUM-BASED END EFFECTOR and have executed an application for United States Letters Patent, namely U.S. Application Serial No. 62/807,853 filed on February 20, 2019;

WHEREAS, I, Gregory Robert Sturm of Simpsonville, Kentucky, have invented certain improvements in a VACUUM-BASED END EFFECTOR and have executed an application for United States Letters Patent, namely U.S. Application Serial No. 62/807,853 filed on February 20, 2019;

WHEREAS, I, Derek Robert Sturm of Louisville, Kentucky, have invented certain improvements in a VACUUM-BASED END EFFECTOR and have executed an application for United States Letters Patent, namely U.S. Application Serial No. 62/807,853 filed on February 20, 2019;

WHEREAS, I, Thomas Anthony Hillerich, Jr. of Louisville, Kentucky, have invented certain improvements in a VACUUM-BASED END EFFECTOR and have executed an application for United States Letters Patent, namely U.S. Application Serial No. 62/807,853 filed on February 20, 2019; and

WHEREAS, Material Handling Systems, Inc. (hereinafter referred to as "Assignee"), a Kentucky corporation with a principal business address of 131 Griffin Way, Mount Washington, Kentucky 40047 (including its successors and assigns), desires to acquire my entire right, title, and interest in said application and invention and any United States and foreign patents to be obtained therefor;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned have sold, assigned, and transferred, and by these presents do sell, assign, and transfer to Assignee, its heirs, successors, legal representatives, and assign the right, title, and interest of the undersigned in and to said invention, said application, and in and to any Letters Patent(s) that may be granted therefor in the United States of America, its territories, dependencies, and possessions, and in any and all foreign countries, including rights of priority under the International Convention of Paris (1883) as amended; and to any and all utility applications claiming priority thereto and any and all divisions, reissues, continuations, continuation-in-parts, conversions, and extensions thereof for the full term or terms for which the same may be granted in the United States of America or any foreign country.

The undersigned agrees that the Assignee may apply for domestic and foreign Letters Patent on the invention, and agrees to cooperate with the Assignee, and to execute without additional consideration any additional documents as deemed necessary by the Assignee to apply for or maintain patents or other legal protection for the invention in any country of the world.

The undersigned agrees to execute all papers necessary in connection with this application and any divisions, reissues, continuations, continuation-in-parts, conversions and extensions

thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

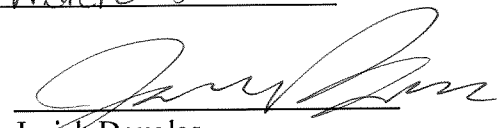
The undersigned agrees to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned hereby authorizes and requests the officials of the U. S. Patent and Trademark Office and in any foreign countries to issue any and all Letters Patent resulting from said application or any divisions, reissues, continuations, continuation-in-parts, conversions and extensions thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that they have not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

IN WITNESS WHEREOF, executed by the undersigned on the date above the undersigned name.

Signed and sealed at Louisville, Ky on March 29th 2019.


Josiah Douglas

State of Ky)
County of Bullitt) ss

Subscribed and sworn to before me this 29th day of March 2019.

Amy Williams - 6018625
Notary Public

My Commission expires March 5th, 2020.

Signed and sealed at Louisville, Ky on March 29th 2019.


Kurt Michael Wittmer

State of Ky)
County of Bullitt) ss

Subscribed and sworn to before me this 29th day of March 2019.

Amy Wroblewski - 618625
Notary Public

My Commission expires March 5, 2023.

Signed and sealed at Louisville, KY on March 29 2019.

Michael A. McCue
Michael Alan McCue

State of KY)
County of Bullitt) ss

Subscribed and sworn to before me this 29th day of March 2019.

Omey Hoskins - 618625
Notary Public

My Commission expires March 5, 2020.

Signed and sealed at Louisville, Ky on April 25th 2019.

David W. Caldwell II
David W. Caldwell II

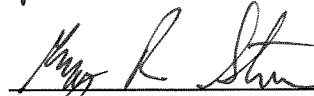
State of Ky)
County of Bullitt) ss

Subscribed and sworn to before me this 25th day of April 2019.

Albrockum - 618625
Notary Public

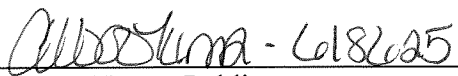
My Commission expires March 5, 2023.

Signed and sealed at Louisville, Ky on April 12th 2019.


Gregory Robert Sturm

State of Ky)
County of Bullitt) ss

Subscribed and sworn to before me this 12th day of April 2019.

 - 618625
Notary Public

My Commission expires March 5, 2023.

Signed and sealed at Louisville Ky on April 26th 2019.

[Signature]
Derek Robert Sturm

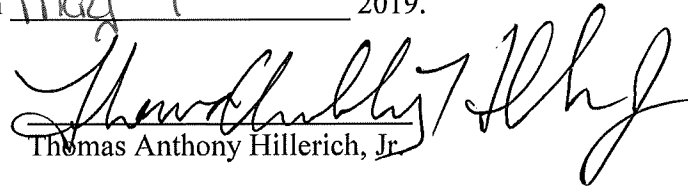
State of Ky)
County of Bullitt) ss

Subscribed and sworn to before me this 26th day of April 2019.

Albaskin - 618625
Notary Public

My Commission expires March 5, 2023.

Signed and sealed at Louisville Ky on May 7 2019.


Thomas Anthony Hillerich, Jr.

State of Ky)
County of Bell) ss

Subscribed and sworn to before me this 7th day of May 2019.

Quabena- 618625
Notary Public

My Commission expires March 5, 2023.