504193098 01/24/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4239773

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT J. REESE	03/23/2010
GREGORY K. SWANSON	03/23/2010
DARYL R. MONROE	03/23/2010
DOUGLAS M. LEWIS	03/23/2010

RECEIVING PARTY DATA

Name:	DUKE MANUFACTURING CO.
Street Address:	2305 NORTH BROADWAY
City:	ST. LOUIS
State/Country:	MISSOURI
Postal Code:	63102

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13051607

CORRESPONDENCE DATA

Fax Number: (202)857-6395

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: 2028576000

Email: patentdocket@ArentFox.com

Correspondent Name: ARENT FOX LLP
Address Line 1: 1717 K STREET, NW

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	027610.04794
NAME OF SUBMITTER:	ERIC WOLKWITZ
SIGNATURE:	/eric wolkwitz/
DATE SIGNED:	01/24/2017

Total Attachments: 6

source=027610-04794_Inventors-Duke-Assignment#page1.tif source=027610-04794_Inventors-Duke-Assignment#page2.tif source=027610-04794_Inventors-Duke-Assignment#page3.tif

PATENT 504193098 REEL: 041062 FRAME: 0427

source=027610-04794_Inventors-Duke-Assignment#page4.tif source=027610-04794_Inventors-Duke-Assignment#page5.tif source=027610-04794_Inventors-Duke-Assignment#page6.tif

PATENT REEL: 041062 FRAME: 0428

ASSIGNMENT

WHEREAS, We, Robert J. Reese of Edwardsville, Illinois, Gregory K. Swanson of Eureka, Missouri, Daryl R. Monroe of Granite City, Illinois, and Douglas M. Lewis of St. Charles, Missouri, have invented an improvement in (DKE 9838) described in a U.S. provisional patent application Serial No. 61/315,471, filed March 19, 2010;

AND, WHEREAS, Duke Manufacturing Co., a corporation of the State of Missouri (hereinafter referred to as "ASSIGNEE") is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, we have agreed to and do hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said invention, said United States application, any other United States applications (including provisional, nonprovisional, divisional, continuing, or reissue applications) based in whole or in part on said United States application or in whole or in part on said invention, any foreign applications based in whole or in part on any of the aforesaid United States applications or in whole or in part on said invention, and any and all patents (including extensions thereof) of any country which have been or may be granted on any of the aforesaid applications or on said invention or any part thereof;

Page 1 of 6

TO BE HELD AND ENJOYED by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us had no sale and assignment of said interest been made;

AND We hereby authorize and request the Director of the United States Patent and Trademark Office of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said ASSIGNEE;

AND We hereby jointly and severally agree for ourselves and for our respective heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

AND We hereby jointly and severally covenant for ourselves and our respective legal representatives that we have granted no right or license to make, use or sell said invention, to anyone except said ASSIGNEE, that prior to the execution of this deed our right, title and interest in said invention had not been otherwise encumbered, and that we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, we have hereunto set our hands.

3/23/10	Volt J Rame
Date	Robert J. Reese
STATE OF Missouri	—) -)
the person describe	ay of Carch 2010, before me, a Notary appeared Robert J. Reese to me known to be d in and who executed the foregoing owledged that he executed same as his free
IN TESTIMONY We the date and year]	HEREOF, I have hereunto set my hand and seal ast above written. Augusta Notary Public
My Commission Expir	Aniesa M. Lacy, Notary Public St. Louis City, State of Missouri My Commission Expires 8/18/2011 Commission Number 07420606

3/23/20/0 Mus sm 2 Shorm Long	
Date Gregory K. Swanson	
STATE OF MISSOUR!	
On this 23 day of $March$ 2010, before me, a Notar Public, personally appeared Gregory K. Swanson to me known to the person described, in and who executed, the foregoing assignment and acknowledged that he executed same as his free act and deed.	ў Э
IN TESTIMONY WHEREOF, I have hereunto set my hand and sea and the date and year last above written.	1
Inisa Macy Wotary Public	
My Commission Expires: 8-/8-201 NOTARY SEAL* Anissa M. Lacy, Notary Public St. Louis City, State of Missouri My Commission Expires 8/18/2011 Commission Number 07420608	

3-23·/D Date	Day R. Monroe
the person describ	day of March 2010, before me, a Notary appeared Daryl R. Monroe to me known to be sed, in and who executed, the foregoing mowledged that he executed same as his free
	WHEREOF, I have hereunto set my hand and seal rear last above written. Augustic Notary Public
My Commission Exp	res:
8-18-2011	"NC/TARY SEAL." Aniesa M. Lacy, Notary Public St. Louis City, State of Missouri My Commission Expires 8/18/2011 Commission Number 07420606

<u>3-23-2010</u> Date	Douglas M. Lewis
the person described,	of <u>Arch</u> 2010, before me, a Notary beared Douglas M. Lewis to me known to be in and who executed, the foregoing hedged that he executed same as his free
IN TESTIMONY WHER and the date and year	EOF, I have hereunto set my hand and seal last above written. Mussa Notary Public
My Commission Expires:	"NOTARY SEAL" Anissa M. Lacy, Notary Public St. Louis City, State of Missouri My Commission Expires 8/18/2011 Commission Number 07420606

MEG/bcw

Page 6 of 6