504637589 11/10/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4684307

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VICTOR J. RAYE	01/20/2010
JERRY J. DONOVAN	01/20/2010

RECEIVING PARTY DATA

Name:	HALDEX BRAKE CORPORATION
Street Address:	10930 NORTH POMONA AVENUE
City:	KANSAS CITY
State/Country:	MISSOURI
Postal Code:	64153

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15796186

CORRESPONDENCE DATA

Fax Number: (203)327-1096

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: 2033246155
Email: jbutchko@ssjr.com

Correspondent Name: BENJAMIN J. LEHBERGER

Address Line 1: ST. ONGE STEWARD JOHNSTON & REENS LLC

Address Line 2: 986 BEDFORD STREET

Address Line 4: STAMFORD, CONNECTICUT 06905

ATTORNEY DOCKET NUMBER:	01925-P0305B
NAME OF SUBMITTER:	BENJAMIN J. LEHBERGER
SIGNATURE:	/Benjamin J. Lehberger/
DATE SIGNED:	11/10/2017

Total Attachments: 3

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PATENT 504637589 REEL: 044094 FRAME: 0868

Assignment

WHEREAS, We, the undersigned inventors, have made certain inventions or discoveries (or both) as set forth in an application for Letters Patent of the United States of America, entitled **Manifold System**, bearing U.S. Patent Application No. 12/730,923 and filed on March 24, 2010;

WHEREAS, Haldex Brake Corporation, a corporation organized and existing under the laws of the State of Delaware, and having an office and place of business at North American Sales Division; 10930 North Pomona Avenue; Kansas City, MO 64153-1297, and, together with its successors and assigns is hereinafter called "Assignee", and is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

NOW THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

- 1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in any and all countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
- 3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patents to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
- 4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
- 5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents, including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affida-

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Applicants: Victor J. Raye, et al.

vits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns, which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN WITNESS WHEREOF, we, Victor J. Rave and Jerry J. Donovan, have he-

reunto set our hands and aff	xed our seals.	
<u>/-Z0 - Z010</u> Date	Victor J. Raye 5028 N.W. 90th Street Kansas City, MO 64154	
STATE OF COUNTY OF	: ss. :	
personally appeared Victor evidence to be the person w acknowledged to me that he that by his/her signature on the person acted, executed the person acted.	(insert name and title of the officer) I. Raye, who proved to me on the basis of satisfactory nose name is subscribed to the within instrument and she executed the same in his/her authorized capacity, and instrument the person, or the entity upon behalf of where instrument. PERJURY under the laws of the State	
of <u>Missouri</u> WITNESS my hand and office What - Jung Notary Public Signature	that the foregoing paragraph is true and correct. al seal. (Seal) TAMMY R. TINSLEY Notary Public-Notary Seal State of Missouri, Clay County Commission # 07422100 My Commission Expires Aug 18, 2011	7

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Applicants: Victor J. Raye, et al.

1-20-2010

Jerry J. Donovan

7415 Constance Street Shawnee, KS 66216

STATE OF **COUNTY OF**

anny 20, 2010 , before me, Tamm

(insert name and title of the officer)

personally appeared Jerry J. Donovan, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument

I certify under PENALTY OF PERJURY under the laws of the State of *Missouri* that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Public Signature

(Seal)

TAMMY R. TINSLEY Notary Public-Notary Seal State of Missouri, Clay County Commission # 07422100 My Commission Expires Aug 18, 2011

> **PATENT** REEL: 044094 FRAME: 0871

RECORDED: 11/10/2017