PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

	SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGI	ASSIGNMENT		
CONVEYING PARTY	DATA				
		Name		Execution Date	
James L. Greene				11/13/2008	
David G. Engelbert				11/13/2008	
Jerry J. Donovan				11/13/2008	
Thomas D. Mullikin				11/13/2008	
RECEIVING PARTY					
Name:	Haldex Brake	Corporation]	
Street Address:		10930 North Pomona Avenue			
City:	Kansas City				
State/Country:	MISSOURI				
Postal Code: 64153					
Property Type			Number		
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Property T Application Number:		13337904			
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Application Number:					
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Total Attachments: 5

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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 **Brake Monitoring System**, bearing Patent Application Serial No. 12/324,236 and filed on November 26, 2008;

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-

> PATENT REEL: 027643 FRAME: 0708

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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, James L. Greene, David G. Engelbert, Jerry J. Donovan, and Thomas D. Mullikin, have hereunto set our hands and affixed our seals.

Towember 13, 20

James L. Greene

9810 Wallace Avenue Kansas City, MO 64134

STATE OF Wesser COUNTY_OF On 1-13-2008, before me,

: SS.

(insert name and title of the officer)

personally appeared James L. Greene, 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 that the foregoing paragraph is true and correct. Theseau

WITNESS my hand and official seal.

Notary Public Signature

(Seal)

SANDRA K. SHAW Notary Public - Notary Seal State of Missouri - County of Clay My Commission Expires Jan. 5, 2010 Commission #06439830

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David G. Engelbert

7424 NW Rhode Avenue Kansas City, MO 64152

: ss.

STATE OF COUNTY OF On 11-13-2008

before me, (insert name and title of the officer)

personally appeared David G. Engelbert, 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 Musurum that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Public Signature

(Seal)

SANDRA K. SHAW Notary Public - Notary Seal State of Missouri - County of Clay My Commission Expires Jan. 5, 2010 Commission #06439830

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Page 4 Assignment Applicants: James L. Greene, et al.

11-13-2008

Jerry J. Donovan 7415 Constance Street Shawnee, KS 66216

STATE OF COUNTY OF On <u>Nov</u> 13.

: ss. before me.

(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 that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

andra K. Shaw

Notary Public Signature

(Seal)

SANDRA K. SHAW Notary Public - Notary Seal State of Missouri - County of Clay My Commission Expires Jan. 5, 2010 Commission #06439830

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Page 5 Assignment Applicants: James L. Greene, et al.

Thomas D. Mullikin

7098 SE Shoshone Dr. Holt, MO 64153-1297

STATE OF 7 : SS. COUNTY OF ピ へのろ On , before me,

(insert name and title of the officer) personally appeared **Thomas D. Mullikin**, 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

WITNESS my hand and official seal.

Notary Public Signature

(Seal)

SANDRA K. SHAW Notary Public - Notary Seal State of Missouri - County of Clay My Commission Expire: Jan. 5, 2010 Commission #06439830

RECORDED: 02/02/2012