

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5185570

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	HANS WELIN	10/01/2018
RECEIVING PARTY DATA		
Name:	HALDEX BRAKE PRODUCTS AB	
Street Address:	P. O. BOX 501	
City:	SE-261 24 LANDSKRONA	
State/Country:	SWEDEN	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16065595
CORRESPONDENCE DATA		
Fax Number:	(203)327-1096	
<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:	203-324-6155	
Email:	abryce@ssjr.com	
Correspondent Name:	STEVEN B. SIMONIS	
Address Line 1:	ST. ONGE STEWARD JOHNSTON & REENS LLC	
Address Line 2:	986 BEDFORD STREET	
Address Line 4:	STAMFORD, CONNECTICUT 06905	
ATTORNEY DOCKET NUMBER:	03370-P0147A	
NAME OF SUBMITTER:	STEVE B. SIMONIS	
SIGNATURE:	/Steven B. Simonis/	
DATE SIGNED:	10/12/2018	
Total Attachments: 2		
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Assignment

WHEREAS, I, Hans Welin, have made certain inventions or discoveries (or both) as set forth in an application for Letters Patent of the United States of America, entitled **Disk Brake**, bearing U.S. Patent Application No. 16/065,595 and filed on June 22, 2018;

WHEREAS, Haldex Brake Products AB, a corporation organized and existing under the laws of Sweden, and having an office and place of business at P. O. Box 501; SE-261 24 Landskrona, Sweden, 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 me, receipt and sufficiency of which I hereby acknowledge, I 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 my name 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 I 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 I have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me 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 me, my 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 affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me 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 my control or in the control of my heirs, legal representatives or assigns, which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN WITNESS WHEREOF, I have executed this document on the date indicated below.

Oct. 1, 2018
Date

Hans Welin
Hans Welin
Tuna Byvag 23
SE-260 13 Sankt Ibb, Sweden

Declaration of Witness

I declare that I was personally present and did see Hans Welin, who is personally known to me to be the person named in this assignment, duly sign and execute the same.

Declared at (city) LANDSKRONA, SWEDEN, on (date) OCT. 1, 2018.

[Signature]
Signature of Witness

FREDRIK SÖDERBERG
Name of Witness