PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5359679

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANNY DRASNER	01/09/2019
WOJCIECH GRYCHOWICZ	01/10/2019
PAWEL OSINSKI	01/10/2019
ULRICH OVERHAGE	01/11/2019

RECEIVING PARTY DATA

Name:	WABCO EUROPE BVBA	
Street Address: CHAUSSÉE DE LA HULPE 166		
City:	BRUSSELS	
State/Country: BELGIUM		
Postal Code: 1170		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29679323

CORRESPONDENCE DATA

Fax Number: (734)994-6331

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: 734-302-6000

Email: kmakin@brinksgilson.com

Correspondent Name: BGL/ANN ARBOR

524 SOUTH MAIN STREET Address Line 1:

Address Line 2: SUITE 200

Address Line 4: ANN ARBOR, MICHIGAN 48104

ATTORNEY DOCKET NUMBER:	15243-070 (2018M00003 US)	
NAME OF SUBMITTER:	GERLINDE M. NATTLER	
SIGNATURE:	/Gerlinde Nattler/	
DATE SIGNED:	02/05/2019	

Total Attachments: 6

source=PTO 190205 Executed Assignment#page1.tif source=PTO_190205_Executed_Assignment#page2.tif

PATENT REEL: 048236 FRAME: 0617 505312898

source=PTO_190205_Executed_Assignment#page3.tif
source=PTO_190205_Executed_Assignment#page4.tif
source=PTO_190205_Executed_Assignment#page5.tif
source=PTO_190205_Executed_Assignment#page6.tif

PATENT REEL: 048236 FRAME: 0618

ASSIGNMENT

WHEREAS, <u>Danny Drasner</u>; <u>Wojciech Grychowicz</u>; <u>Pawel Osinski</u>; and <u>Ulrich Overhage</u>, hereinafter called the "Assignor" has made the invention described in the United States patent application entitled <u>ELECTRICAL CONTACTS</u>, executed by Assignor on the same date as, or on a date prior to, this Assignment;

WHEREAS, <u>WABCO Europe BVBA</u>, a corporation having a place of business at <u>Chaussée de la Hulpe 166, 1170 Brussels, Belgium</u>, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, for valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royally, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of

. j ..

any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and that the Assigner will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

	<u> 2049 - 04 03</u>	Danny Drasner
ATED:		
,		Wojciech Grychowicz
TED:		
		Pawel Osinski
	Tratical And	11/10 m
VTED:		Ulrich Overhage

<u>ASSIGNMENT</u>

WHEREAS, <u>Danny Drasner</u>; <u>Wojciech Grychowicz</u>; <u>Pawel Osinski</u>; and <u>Ulrich Overhage</u>, hereinafter called the "Assignor" has made the invention described in the United States patent application entitled <u>ELECTRICAL CONTACTS</u>, executed by Assignor on the same date as, or on a date prior to, this Assignment;

WHEREAS, <u>WABCO Europe BVBA</u>, a corporation having a place of business at <u>Chaussée de la Hulpe 166, 1170 Brussels, Belgium</u>, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below:

 NOW, THEREFORE, for valuable and legally sufficient consideration, the receipt of Which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of

-1-

any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

DATED:		±
		Danny Drasner
DATED.	10.01.2018	Englission
3, 11, 11	**************************************	Wojciech Grychowicz
DATED:		
		Pawel Osinski
DATED:		
	Vannana angangan angang an	Ulrich Overhage

ASSIGNMENT

WHEREAS, <u>Danny Drasner</u>; <u>Woiciech Grychowicz</u>; <u>Pawel Osinski</u>; and <u>Ulrich Overhage</u>, hereinafter called the "Assignor" has made the invention described in the United States patent application entitled <u>ELECTRICAL CONTACTS</u>, executed by Assignor on the same date as, or on a date prior to, this Assignment;

WHEREAS, <u>WABCO Europe BVBA</u>, a corporation having a place of business at <u>Chaussée de la Hulpe 166, 1170 Brussels</u>, <u>Belgium</u>, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below:

NOW, THEREFORE, for valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of

~ } ~

any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and that the Assigner will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

DATED:			
		Danny Drasner	
a.			
DATED:			
		Wojciech Grychowicz	
DATED:	10003019	But Oth	
		Pawel Osinski	
	e de la companya de La companya de la co		
DATED:			
		Ulrich Overhage	