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Rec'a Pulli 10	Attorney Dock	et No. 1662LO/50208TR	
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original documents or converteers	2186744 se record to	the attached	
1. Name of conveying party(ies):	2. Name and address of receiv	ing party(ies)	
Thomas Laxhuber, Hans Baumgartner and Wolfgang Pahle	Name: Knorr-Bremse Systeme fuer Nutzfahrzeuge Gmb #		
Additional name(s) of conveying party(ies) attached? yes X no 7./02	Address: Moosacher Strasse 8 D-80809 Muenchen, G	ŧ	
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A. Patent Application No.(s)	B. Patent No(s).	
10/031,451			
Additional numbers attached? Yes <u>X</u> No			
5. Name and address of party to whom correspondence concerning document	6.Total number of applications and pa	atents involved: 1	
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Name: Jeffrey N Sahok, Reg. No. 32,169			
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PATENT REEL: 013167 FRAME: 0447

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

Knorr-Bremse Systeme fuer Nutzfahrzeuge GmbH Moosacher Strasse 80 D-80809 Muenchen Germany

	all right, title and interest for the United States, its ons in and to his invention relating to:
DEVICE AND METHOD I	FOR MONITORING A BRAKE-APPLYING ELECTRO-MECHANICAL DEVICE FOR VEHICLE BRAKES
$\begin{array}{ccc} & & \text{executed con} \\ \hline X & & \text{was filed as} \\ \hline & & 14 \text{ July 2000} \end{array}$	ed States Patent Application (check one): currently herewith, PCT international application Number PCT/EP00/06728 on, filed,
continuations thereof ar which may issue on any sereissues or extensions the legal representatives and all such Letters pate	states Patent Application including any and all divisions or and in and to any and all Letters Patent of the United States such application or for said invention, including any and all bereof, to be held and enjoyed by said ASSIGNEE, its successors, and assigns to the full end of the term or terms for which any ent may be granted as fully and entirely as would have been held signed had this Assignment not been made;
Each of the undersigned Trademarks to issue any or assigns in accordance	hereby authorizes and requests the Commissioner of Patents and and all such Letters patent to said ASSIGNEE, its successors herewith;
right to sell and assign	warrants and covenants that he has the full and unencumbered the interests herein sold and assigned and that he has not ecute any document or instrument in conflict herewith;
ASSIGNEE, its successors relating to said inventi any papers, make all rigother lawful acts deemed representatives or assignctuding divisions and may be granted therefore.	I further covenants and agrees he will communicate to said, legal representatives or assigns all information known to him on or patent application and that he will execute and deliver that the legal proceedings and perform all necessary or desirable by said ASSIGNEE, its successors, legal gns to perfect title to said invention, to said application continuations thereof and to any and all Letters Patent which or thereon, including reissues or extensions, in said ASSIGNEE, signs or to assist said ASSIGNEE, its successors, legal gns in obtaining, reissuing or enforcing Letters Patent of the invention;
themsel the now	hereby grants the firm of CROWELL & MORING, L.L.P. , or any er to insert in this Assignment any further identification which rable to comply with the rules of the U.S. Patent and Trademark of this Assignment.
INVENTOR: Citizenship: Post Office Address/ Residence:	Thomas LAXHUBER German Anzenbergerweg 4 D-84323 Massing Germany
1 - 2	

1-14.002

(date)

(signature of 1st inventor)

PATENT REEL: 013167 FRAME: 0448 Attorney Docket: 1662/50208

ASSIGNMENT Page 2 of 2

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(signature of 2nd inventor)

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RECORDED: 07/01/2002

07 01 2002

(signature of 3rd inventor)

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

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