

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Juergen Gruen</td> <td>06/26/2008</td> </tr> <tr> <td>Christoph Giegerich</td> <td>07/01/2008</td> </tr> <tr> <td>Roland Schempp</td> <td>07/02/2008</td> </tr> </tbody> </table>		Name	Execution Date	Juergen Gruen	06/26/2008	Christoph Giegerich	07/01/2008	Roland Schempp	07/02/2008
Name	Execution Date								
Juergen Gruen	06/26/2008								
Christoph Giegerich	07/01/2008								
Roland Schempp	07/02/2008								
RECEIVING PARTY DATA									
Name:	Robert Bosch GmbH								
Street Address:	Wernerstrasse 1								
City:	Stuttgart								
State/Country:	GERMANY								
Postal Code:	70469								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12161208</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12161208				
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Application Number:	12161208								
CORRESPONDENCE DATA									
Fax Number:	(212)527-7701								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	2125277700								
Email:	channa@darbylaw.com								
Correspondent Name:	Thomas P. Canty								
Address Line 1:	P.O. Box 770, Church Street Station								
Address Line 4:	New York, NEW YORK 10008-0770								
ATTORNEY DOCKET NUMBER:	21385/0209835-US0								
NAME OF SUBMITTER:	Cindy Hanna								
Total Attachments: 2 source=01619633#page1.tif source=01619633#page2.tif									

OP \$40.00 12161208

PATENT

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REEL: 021254 FRAME: 0120

ASSIGNMENT

I, Juergen Gruen, a citizen of Germany, residing at An den Dottergaerten 9; 97816 Lohr; GERMANY; and

I, Christoph Giegerich, a citizen of Germany, residing at Am Ziegelrain 18; 63853 Moemlingen; GERMANY; and

I, Roland Schempp, a citizen of Germany, residing at Salzaeckerstrasse 28; 71665 Vaihingen; GERMANY;

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

Robert Bosch GmbH

a Corporation organized under the laws of Germany, located at 70469 Stuttgart, GERMANY (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, in and for the United States of America only in and to my Invention entitled:

POLE TUBE

invented by me and described in International Application No. PCT/EP2007/000100, filed on January 9, 2007, in the PCT; and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made, including all rights of Assignor to recover for past infringement thereof;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or

representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commission of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

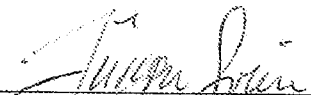
This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

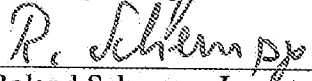
Dated: 26.6.08

Dated: 01.07.08

Dated: 2.7.08


Juergen Gruen, Inventor


Christoph Giegerich, Inventor


Roland Schempp, Inventor