

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Steven J. Charlebois</td> <td>04/15/2005</td> </tr> <tr> <td>Leslie N. Gilbertson</td> <td>04/15/2005</td> </tr> <tr> <td>Michael E. Hawkins</td> <td>04/13/2005</td> </tr> <tr> <td>Dana J. Medlin</td> <td>04/12/2005</td> </tr> <tr> <td>H. Ravindranath Shetty</td> <td>04/14/2005</td> </tr> <tr> <td>Steven A. Zawadzki</td> <td>04/11/2005</td> </tr> </tbody> </table>		Name	Execution Date	Steven J. Charlebois	04/15/2005	Leslie N. Gilbertson	04/15/2005	Michael E. Hawkins	04/13/2005	Dana J. Medlin	04/12/2005	H. Ravindranath Shetty	04/14/2005	Steven A. Zawadzki	04/11/2005
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RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>Zimmer Technology, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>P.O. Box 708</td> </tr> <tr> <td>Internal Address:</td> <td>345 East Main Street</td> </tr> <tr> <td>City:</td> <td>Warsaw</td> </tr> <tr> <td>State/Country:</td> <td>INDIANA</td> </tr> <tr> <td>Postal Code:</td> <td>46580</td> </tr> </table>		Name:	Zimmer Technology, Inc.	Street Address:	P.O. Box 708	Internal Address:	345 East Main Street	City:	Warsaw	State/Country:	INDIANA	Postal Code:	46580		
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Application Number:	13461341														
CORRESPONDENCE DATA															
Fax Number:	(260)460-1700														
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Email:	michelle.davis@FaegreBD.com														
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
Correspondent Name:	Jamie M. Drewry/Michelle Davis														
Address Line 1:	Faegre Baker Daniels														
Address Line 2:	111 East Wayne Street, Suite 800														
Address Line 4:	FORT WAYNE, INDIANA 46802														

CH \$40.00 13461341

ATTORNEY DOCKET NUMBER:	ZIM0381-05
NAME OF SUBMITTER:	Jamie M. Drewry
<p>Total Attachments: 12</p> <p>source=ZIM0381-04ASSIGN#page1.tif</p> <p>source=ZIM0381-04ASSIGN#page2.tif</p> <p>source=ZIM0381-04ASSIGN#page3.tif</p> <p>source=ZIM0381-04ASSIGN#page4.tif</p> <p>source=ZIM0381-04ASSIGN#page5.tif</p> <p>source=ZIM0381-04ASSIGN#page6.tif</p> <p>source=ZIM0381-04ASSIGN#page7.tif</p> <p>source=ZIM0381-04ASSIGN#page8.tif</p> <p>source=ZIM0381-04ASSIGN#page9.tif</p> <p>source=ZIM0381-04ASSIGN#page10.tif</p> <p>source=ZIM0381-04ASSIGN#page11.tif</p> <p>source=ZIM0381-04ASSIGN#page12.tif</p>	

Express Mail No.: EV 573008383 US
Attorney Docket No.: 4001-0035 (ZM0473B1)

ASSIGNMENT

WHEREAS, I, **Steven J. Charlebois**, residing at **1504 South 8th Street, Goshen, IN 46526**; **Leslie N. Gilbertson**, residing at **2121 West Lore Lane, Warsaw, IN 46580**; **Michael E. Hawkins**, residing at **2350 West 350 South, Columbia City, IN 46725**; **Dana J. Medlin**, residing at **506 Crestlane Drive, Warsaw, IN 46580**; **H. Ravindranath Shetty**, residing at **2740 Ivywood Drive, Warsaw, IN 46580**; and **Steven A. Zawadzki**, residing at **3828 E. Forest Glen, Leesburg, IN 46538**, have invented certain improvements entitled:

METHOD FOR ATTACHING A POROUS METAL LAYER TO A METAL SUBSTRATE

described and claimed in an application for Letters Patent of the United States of America thereon, said application having been **filed contemporaneously herewith** and having been **executed by me contemporaneously herewith**;

WHEREAS, **Zimmer Technology, Inc.**, a corporation organized and existing under the laws of the State of Illinois, having a place of business at **150 North Wacker Drive, Suite 1200, Chicago, Illinois 60606**, is to acquire my entire right, title and interest in and to said invention and said application for Letters Patent;

NOW, THEREFORE, in consideration of the sum of ONE DOLLAR (\$1.00) to me in hand paid, and for other good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I do hereby assign, sell, transfer and set over unto said **Zimmer Technology, Inc.**, its successors and assigns, the full, entire and exclusive right, title and interest, for the territory of the United States of America, Canada and for all other foreign countries, in and to said invention, as described in the application identified above, and in and to said application and any utility patent applications, divisions or continuations or continuations-in-part of this application and of any utility patent applications filed thereon or substitutes therefor which may be filed, and in and to any patents or reissues, renewals or extensions thereof (collectively, the "Application") which may be granted on said Application or for said invention, and in and to any patent application which may be filed on said invention in countries foreign to the United States of America and any patents granted thereon; said invention, Applications, and Letters Patent to be held and enjoyed by said **Zimmer Technology, Inc.**, and its successors or assigns, to the full end of the term or terms for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this assignment not been made.

I hereby authorize and request the Patent and Trademark Office officials in the United

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States of America and the Patent Office officials of any and all foreign countries to issue any and all of said Letters Patent, when granted, to said **Zimmer Technology, Inc.**, as the assignee of my entire right, title and interest in and to the same, for the sole use and enjoyment of said **Zimmer Technology, Inc.**, its successors and assigns.

Further, I agree to execute all papers and to give such lawful testimony and to perform such other lawful acts as said **Zimmer Technology, Inc.**, its successors and assigns may require to enable it or them to procure Letters Patent on said invention or reissues or extensions thereof in the United States of America and/or in any foreign country, and/or to hold, enforce or convey said Letters Patent, reissues or extensions.



Steven J. Charlebois

4/15/05
Date

4001-0035 (ZM0473B1) Assignment of Patent Application (Charlebois) 04-10-05

Express Mail No.: EV 573008383 US
E Attorney Docket No.: 4001-0035 (ZM0473B1)

ASSIGNMENT

WHEREAS, I, **Leslie N. Gilbertson**, residing at 2121 West Lore Lane, Warsaw, IN 46580; **Michael E. Hawkins**, residing at 2350 West 350 South, Columbia City, IN 46725; **Dana J. Medlin**, residing at 506 Crestlane Drive, Warsaw, IN 46580; **H. Ravindranath Shetty**, residing at 2740 Ivywood Drive, Warsaw, IN 46580; **Steven J. Charlebois**, residing at 1504 South 8th Street, Goshen, IN 46526; and **Steven A. Zawadzki**, residing at 3828 E. Forest Glen, Leesburg, IN 46538, have invented certain improvements entitled:

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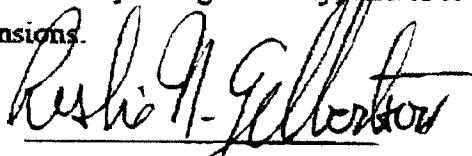
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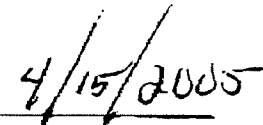
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Leslie N. Gilbertson


Date

4001-0035 (ZM0473B1) Assignment of Patent Application (Gilbertson) 04-10-05

ASSIGNMENT

WHEREAS, I, **Michael E. Hawkins**, residing at **2350 West 350 South, Columbia City, IN 46725**; **Dana J. Medlin**, residing at **506 Crestlane Drive, Warsaw, IN 46580**; **H. Ravindranath Shetty**, residing at **2740 Ivywood Drive, Warsaw, IN 46580**; **Steven J. Charlebois**, residing at **1504 South 8th Street, Goshen, IN 46526**; **Leslie N. Gilbertson**, residing at **2121 West Lore Lane, Warsaw, IN 46580**; and **Steven A. Zawadzki**, residing at **3828 E. Forest Glen, Leesburg, IN 46538**, have invented certain improvements entitled:

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 4/13/05
Michael E. Hawkins Date

4001-0035 (ZM0473B1) Assignment of Patent Application (Hawkins) 04-10-05

ASSIGNMENT

WHEREAS, I, **Dana J. Medlin**, residing at **506 Crestlane Drive, Warsaw, IN 46580**; **H. Ravindranath Shetty**, residing at **2740 Ivywood Drive, Warsaw, IN 46580**; **Steven J. Charlebois**, residing at **1504 South 8th Street, Goshen, IN 46526**; **Leslie N. Gilbertson**, residing at **2121 West Lore Lane, Warsaw, IN 46580**; **Michael E. Hawkins**, residing at **2350 West 350 South, Columbia City, IN 46725**; and **Steven A. Zawadzki**, residing at **3828 E. Forest Glen, Leesburg, IN 46538**, have invented certain improvements entitled:

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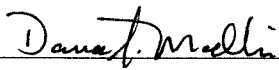
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Dana J. Medlin

4-12-05
Date

4001-0035 (ZM0473B1) Assignment of Patent Application (Medlin) 04-10-05

ASSIGNMENT

WHEREAS, I, **H. Ravindranath Shetty**, residing at **2740 Ivywood Drive, Warsaw, IN 46580**; **Steven J. Charlebois**, residing at **1504 South 8th Street, Goshen, IN 46526**; **Leslie N. Gilbertson**, residing at **2121 West Lore Lane, Warsaw, IN 46580**; **Michael E. Hawkins**, residing at **2350 West 350 South, Columbia City, IN 46725**; **Dana J. Medlin**, residing at **506 Crestlane Drive, Warsaw, IN 46580**; and **Steven A. Zawadzki**, residing at **3828 E. Forest Glen, Leesburg, IN 46538**, have invented certain improvements entitled:

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H. Ravindranath Shetty 4/14/05
H. Ravindranath Shetty Date

4001-0035 (ZM0473B1) Assignment of Patent Application (Shetty) 04-10-05

ASSIGNMENT

WHEREAS, I, **Steven A. Zawadzki**, residing at **3828 E. Forest Glen, Leesburg, IN 46538**; **Steven J. Charlebois**, residing at **1504 South 8th Street, Goshen, IN 46526**; **Leslie N. Gilbertson**, residing at **2121 West Lore Lane, Warsaw, IN 46580**; **Michael E. Hawkins**, residing at **2350 West 350 South, Columbia City, IN 46725**; **Dana J. Medlin**, residing at **506 Crestlane Drive, Warsaw, IN 46580**; and **H. Ravindranath Shetty**, residing at **2740 Ivywood Drive, Warsaw, IN 46580**, have invented certain improvements entitled:

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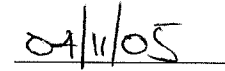
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Steven A. Zawadzki


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