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Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Claus Born, Rudolf Kämpf, Joachim Seelig and Reinhard Wolf</p>		<p>2. Name and address of receiving party(ies): Name: Zimmer Aktiengesellschaft Address: Borsigallee1 60388 Frankfurt am Main Germany Additional name(s) &amp; address(es) attached? <input checked="" type="checkbox"/></p>	
<p>3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: <u>August 28, 2003, September 1, 2003, August 28, 2003 and September 2, 2003, respectively</u></p>		<p>FINANCE SECTION 2003 SEP -4 PM 12: 26 OFFICE OF PUBLIC RECORDS</p>	
<p>4. Application number(s) or patent number(s): A. Patent Application No.(s) 10/457,831 Filed: June 9, 2003 B. Patent No.(s)</p>			
<p>Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>			
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Thomas A. Miller Michael Best &amp; Friedrich LLP 100 East Wisconsin Avenue Milwaukee, Wisconsin 53202-4108 Phone: (414) 271-6560</p>		<p>6. Total number of applications and patents involved: 1</p>	
		<p>7. Total fee (37 CFR 3.41):.....\$ 40.00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Deficiencies in fee charged to Deposit Account</p>	
		<p>8. Deposit account number: 13-3080</p>	
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<p>9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> Gregory J. Hartwig (Reg. No. 46,761) Name of Person Signing Signature September 4, 2003 Date Attorney File 041165-9053-00 Total number of pages including cover sheet, attachments, and document: 3</p>			
<p>OMB No. 0651-0011 (exp. 4/94)</p>			

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cc: Docketing

## A S S I G N M E N T

Pursuant to our obligation to ZIMMER AKTIENGESELLSCHAFT (hereinafter referred to as "Assignee"), a German Company having its principal place of business at:

Zimmer Aktiengesellschaft  
Borsigallee 1  
60388 Frankfurt am Main  
Germany

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged,  
we:

Claus Born  
Alte Gasse 54  
55218 Ingelheim, Germany

Rudolf Kämpf  
Pfarrgasse 22  
63584 Gründau, Germany

Joachim Seelig  
Sophienstrasse 26  
63599 Biebergemünd, Germany

Reinhard Wolf  
Leipziger Strasse 2  
63517 Rodenbach, Germany

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest in the U.S. -

(1) in and to an invention entitled "METHOD FOR THE MANUFACTURE OF CAPROLACTAM FROM WASTE CONTAINING POLYAMIDES" for which we have executed United States Patent Application Serial No. 10/457,831, filed June 9, 2003 (Atty. File No. 041165-9053);

(2) in and to said United States patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention, and in and to the patent or

patents to be granted thereon, including reissues thereof, if any, to the full end of the term or terms for which said patent or patents may be granted;

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and

(4) under the International Convention in respect to the United States patent application and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of our Assignee with a claim to priority based on said United States application.

And we hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

And the Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said United States patent or patents to Assignee.

21.08.2003  
Date  
01.09.2003  
Date  
28.08.2003  
Date  
02.09.2003  
Date

Claus Born  
Claus Born  
Rudolf Kämpf  
Rudolf Kämpf  
Joachim Seelig  
Joachim Seelig  
Reinhard Wolf  
Reinhard Wolf