

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT						
<b>CONVEYING PARTY DATA</b>							
<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>John M. Greenslet</td> <td>01/17/2005</td> </tr> <tr> <td>Lawrence J. Rhoades</td> <td>01/31/2005</td> </tr> </tbody> </table>		Name	Execution Date	John M. Greenslet	01/17/2005	Lawrence J. Rhoades	01/31/2005
Name	Execution Date						
John M. Greenslet	01/17/2005						
Lawrence J. Rhoades	01/31/2005						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	EXTRUDE HONE CORPORATION						
<b>Street Address:</b>	1 Industry Boulevard, P. O. Box 1000						
<b>City:</b>	Irwin						
<b>State/Country:</b>	PENNSYLVANIA						
<b>Postal Code:</b>	15642						
<b>PROPERTY NUMBERS Total: 1</b>							
<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>10988176</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10988176		
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Application Number:	10988176						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(412)471-4094						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
<b>Phone:</b>	412-471-8815						
<b>Email:</b>	webblaw@webblaw.com						
<b>Correspondent Name:</b>	James G. Porcelli						
<b>Address Line 1:</b>	700 Koppers Building, 436 Seventh Avenue						
<b>Address Line 4:</b>	Pittsburgh, PENNSYLVANIA 15219-1818						
<b>NAME OF SUBMITTER:</b>	James G. Porcelli						
<b>Total Attachments: 1</b> source=w0168850#page1.tif							

OP \$40.00 10988176

**ASSIGNMENT**

WHEREAS, WE, John M. Greenslet and Lawrence J. Rhoades, residing in Saitama, Saitama Japan, and Pittsburgh, County of Allegheny, Commonwealth of Pennsylvania, respectively, have invented certain new and useful improvements in **METHOD AND APPARATUS FOR MEASURING FLOW RATE THROUGH AND POLISHING A WORKPIECE ORIFICE**, the specification of which was filed November 12, 2004 as United States Application Number 10/988,176;

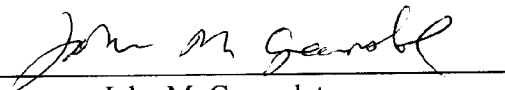
AND, WHEREAS, EXTRUDE HONE CORPORATION, a corporation of the State of Ohio having a place of business at 1 Industry Boulevard, P.O. Box 1000, Irwin, Pennsylvania 15642, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to us by said assignee, the receipt of which is hereby acknowledged, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

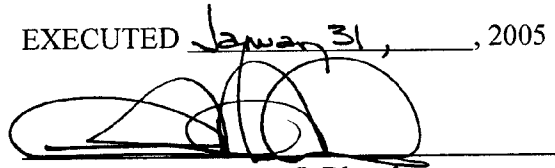
The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree jointly and individually that we will communicate to said assignee or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

EXECUTED January 17, 2005

  
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John M. Greenslet

EXECUTED January 31, 2005

  
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Lawrence J. Rhoades