

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Glen R. Kloeppel</td><td>07/02/2008</td></tr><tr><td>Claudio A. Grubicy</td><td>07/09/2008</td></tr><tr><td>Timothy C. Moritz</td><td>07/02/2008</td></tr><tr><td>Margo E. Bubb</td><td>07/07/2008</td></tr><tr><td>Brenda S. Spell</td><td>07/09/2008</td></tr></tbody></table>	Name	Execution Date	Glen R. Kloeppel	07/02/2008	Claudio A. Grubicy	07/09/2008	Timothy C. Moritz	07/02/2008	Margo E. Bubb	07/07/2008	Brenda S. Spell	07/09/2008	
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Brenda S. Spell	07/09/2008												
RECEIVING PARTY DATA													
Name:	Caterpillar Inc.												
Street Address:	100 N.E. Adams												
City:	Peoria												
State/Country:	ILLINOIS												
Postal Code:	61629-6490												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12165208</td></tr></tbody></table>	Property Type	Number	Application Number:	12165208									
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CORRESPONDENCE DATA													
Fax Number:	(312)616-5700												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Email:	assignments@leydig.com												
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Address Line 2:	702507												
Address Line 4:	Chicago, ILLINOIS 60601-6731												
ATTORNEY DOCKET NUMBER:	702507												
NAME OF SUBMITTER:	James M. Robertson												

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PATENT  
REEL: 021222 FRAME: 0309

**Total Attachments: 6**

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**PATENT**

**REEL: 021222 FRAME: 0310**

PATENT  
Attorney Docket No. 702507  
CAT Reference No. 08-079

Leydig, Voit & Mayer, Ltd.  
Two Prudential Plaza, Suite 4900  
180 North Stetson Avenue  
Chicago, Illinois 60601-6780

### ASSIGNMENT

Whereas, we,

Glen R. Kloeppel, of: 6700 Chelan Drive Columbia MO 65203;  
(Number and Street, or P.O. Box, City and State, ZIP Code)

Claudio A. Grubicy, of: 7550 Cave Creek Rd, Columbia Mo 65203;  
(Number and Street, or P.O. Box, City and State, ZIP Code)

Timothy C. Moritz, of: 1118 Hulen Drive, Columbia, MO 65203;  
(Number and Street, or P.O. Box, City and State, ZIP Code)

Margo E. Bubbs, of: 6124 N. Jayar Dr., Peoria, IL 61614; and  
(Number and Street, or P.O. Box, City and State, ZIP Code)

Brenda S. Spell, of: 200 EAST BRIARWOOD LANE COLUMBIA MO 65203  
(Number and Street, or P.O. Box, City and State, ZIP Code)

have invented and own a certain invention entitled:

### REPAIR TOOL FOR INJECTION MOLDING HOT RUNNER SYSTEM

for which invention we have executed an application for a U.S. patent, which was filed on June 30, 2008, under U.S. Application No. 12/165,208, and

Whereas, Caterpillar Inc., of 100 N.E. Adams, Peoria, IL 61629-6490, hereinafter referred to as Assignee, is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

Now, therefore, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional

In re Application of: Kloeppel et al.  
Application No. 12/165,208

applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

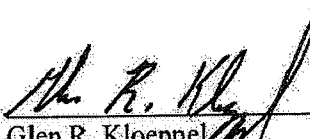
We hereby authorize the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

Upon said consideration, we convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.

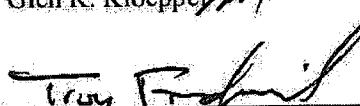
We hereby covenant and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

In witness whereof, we have hereunder set our hands on the dates shown below.

Date 7/2/08

  
Glen R. Kloeppel

Date 7/2/08

  
Witness

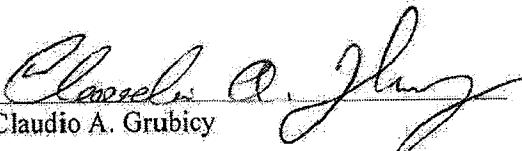
Date 7/2/08

  
Witness

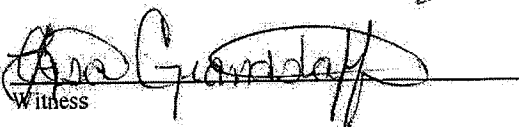
In re Application of: Kloeppel et al.  
Application No. 12/165,208

In witness whereof, we have hereunder set our hands on the dates shown below.

Date 7/9/08

  
Claudio A. Grubicy

Date 7-9-08

  
Witness

Date 7-9-08

  
Witness

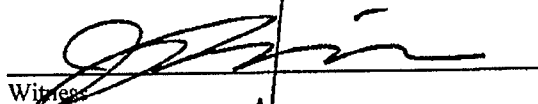
In re Application of: Kloeppel et al.  
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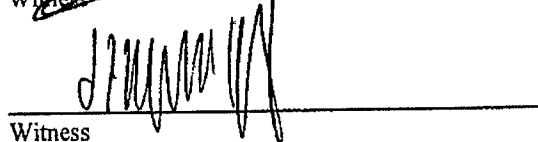
Date 07-02-2008

  
Timothy C. Moritz

Date 7/2/2008

  
Witness

Date 7-02-08

  
Witness

In re Application of: Kloeppel et al.  
Application No. 12/165,208

In witness whereof, we have hereunder set our hands on the dates shown below.

Date 7/7/08

Margo E. Bubb  
Margo E. Bubb

Date 07/07/08

Brianna Barbery  
Witness

Date 07/07/2008

Wm. E. Hyl  
Witness

In re Application of: Kloeppel et al.  
Application No. 12/165,208

In witness whereof, we have hereunder set our hands on the dates shown below.

Date 07-09-2008

Brenda S. Spell  
Brenda S. Spell

Date 7-9-2008

Scott Connor  
Witness

Date 7-9-2008

John J. Jara  
Witness