

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Tocco, Inc.	01/17/2005

RECEIVING PARTY DATA	
Name:	Ajax Tocco Magnethermic Corporation
Street Address:	1745 Overland Road
City:	Warren
State/Country:	OHIO
Postal Code:	44482

PROPERTY NUMBERS Total: 24

Property Type	Number
Patent Number:	4604510
Patent Number:	4618125
Patent Number:	4628167
Patent Number:	4637844
Patent Number:	4643781
Patent Number:	4659892
Patent Number:	4675057
Patent Number:	4675488
Patent Number:	4744836
Patent Number:	4749833
Patent Number:	4757170
Patent Number:	4791259
Patent Number:	4855556
Patent Number:	4894501
Patent Number:	4897518

**OP \$960.00 4604510**

Patent Number:	5214258
Patent Number:	5250776
Patent Number:	5430426
Patent Number:	5451749
Patent Number:	5680693
Patent Number:	5938965
Patent Number:	6069348
Patent Number:	6696675
Patent Number:	6700105

**CORRESPONDENCE DATA**

Fax Number: (216)241-1666

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 216-861-5582

Email: djacquinot@faysharpe.com

Correspondent Name: Fay Sharpe Fagan Minnich & McKee, LLP

Address Line 1: 1100 Superior Avenue

Address Line 2: Seventh Floor

Address Line 4: Cleveland, OHIO 44114

**NAME OF SUBMITTER:**

Diane M. Jacquinot

**Total Attachments: 4**

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**ASSIGNMENT OF RIGHTS IN PATENTS AND/OR PATENT APPLICATIONS**

This Assignment of Rights in Patents and/or Patent Applications is entered into and made effective as of January 17, 2005 and is between TOCCO, INC. having a place of business at Sand Mountain Industrial Park, Boaz, Alabama 35957 U.S.A. ("Assignor") and AJAX TOCCO MAGNETHERMIC CORPORATION, a company incorporated under the laws of the State of Ohio and having a principal place of business of 1745 Overland Road, Warren, Ohio 44482 U.S.A. ("Assignee").

WHEREAS, Assignor, is the owner of the patents which were registered in, and the patent applications which were filed with, the United States Patent Office and further identified in Exhibit A hereto, which is made a part hereof; and

WHEREAS, Assignor has agreed to transfer to Assignee all right, title and interest in and to the patents and/or patent applications identified in Exhibit A; and

WHEREAS, Assignee is desirous of acquiring the entire right, title and interest in and to the United States patents and/or patent applications identified in Exhibit A;

NOW, THEREFORE, in consideration of the sum of ten dollars (\$10.00) paid by Assignee to Assignor, and for other good and valuable consideration, receipt of which is hereby acknowledged the parties do agree as follows:

(1) Assignor, does hereby sell, assign and transfer unto Assignee, the entire right, title and interest, whether statutory or common law, of Assignor, to or arising under the patents and/or patent applications identified in Exhibit A including without limitation all reissues, divisions, continuations, continuations-in-part, extensions and re-examinations of the patents and/or patent applications identified in Exhibit A including the subject matter of claims which may be obtained therefrom and the inventions underlying the patents and/or patents applications, together with claims for damages by reason of past, present or future infringement or other unauthorized use of the patents and/or patent applications and the inventions underlying the patents or patent applications, with the right to sue for and collect the same.

(2) Assignor does hereby also assign in the United States and in all countries of the world any and all right, title and interest in and to any and all copyright property appertaining any drawings or other materials relating to the tangible means of expression and illustration of the patents and/or patent applications.

(3) Upon notice by Assignee, Assignor does hereby covenant and agree to provide any such further information and documentation as may be necessary to record, in the

United States and all countries of the world; this assignment and any and all other documents necessary to perfect the transfer of the patents and/or patent applications identified in Exhibit A.

IN WITNESS WHEREOF, TOCCO, INC. has caused this Assignment to be executed as of January 17, 2005.

TOCCO, INC.

By: Robert D. Vilsack

Name: Robert D. Vilsack

Title: V. P.

AJAX TOCCO MAGNETHERMIC CORPORATION

By: Steven E. White

Name: Steven E. White

Title: V. P. & C. F. O.

STATE of Alabama )  
COUNTY of Marshall ) SS:

On this 17<sup>th</sup> day of January, 2005, before me personally appeared Steven E. White. I further confirm that he/she is personally known to me and that he/she has the authority to sign the foregoing document on behalf of TOCCO, INC. - AJAX TOCID MAGNETHERMIC CORPORATION

NOTARY PUBLIC STATE OF ALABAMA AT LARGE  
MY COMMISSION EXPIRES: Jun 22, 2005  
BONDED THRU NOTARY PUBLIC UNDERWRITERS

[Signature]  
Notary Public

STATE of Ohio )  
COUNTY of Cuyahoga ) SS:

On this 1<sup>st</sup> day of February, 2005, before me personally appeared Robert D. Vilsack. I further confirm that he/she is personally known to me and that he/she has the authority to sign the foregoing document on behalf of AJAX-TOCCO-MAGNETHERMIC CORPORATION, Tocco, Inc.



[Signature]  
Notary Public

LINDA KOLD, ATTY.  
NOTARY PUBLIC • STATE OF OHIO  
My Commission Has No Expiration Date  
Section 147.03 O.R.C.

**Exhibit A  
United States**

<b>Patent No. (App./Pub. No.)</b>	<b>Issue Date (App./Pub. Date)</b>	<b>Title</b>	<b>Attorney Docket No.</b>
4604510	August 5, 1986	Method And Apparatus For Heat Treating Camshafts	TEEE 2 07146
4618125	October 21, 1986	System For Hardening Camshafts	TEEE 2 07139
4628167	December 9, 1986	Apparatus For Inductively Hardening The Interior Surface Of Objects	TEEE 2 07127
4637844	January 20, 1987	Method For Heat Treating Ferrous Parts	
4643781	February 17, 1987	Method Of Heat Treating Valve Inserts	TEEE 2 07132
4659892	April 21, 1987	Valve Seat Induction Heating Apparatus	TEEE 2 07121
4675057	June 23, 1987	Method Of Heat Treating Using Eddy Current Temperature Determination	TEEE 2 06985
4675488	June 23, 1987	Method For Hardening Gears By Induction Heating	TEEE 2 07055
4744836	May 17, 1988	Method For Selectively Heating A Workpiece Subjected To Low Temperature Thermomechanical Processing	TEEE 2 07380
4749833	June 7, 1988	Induction Heating For Adhesive Bonding	TEEE 2 07424
4757170	July 12, 1988	Method And Apparatus For Induction Heating Gears And Similar Workpieces	TEEE 2 07276
4791259	December 13, 1988	Method And Apparatus For Retaining A Valve Seat Insert	TEEE 2 07242-1
4855556	August 8, 1989	Method And Apparatus For Hardening Gears And Similar Workpieces	TEEE 2 07276-1
4894501	January 16, 1990	Method And Apparatus For Induction Heating Of Gear Teeth	TEEE 2 07854
4897518	January 30, 1990	Method Of Monitoring Induction Heating Cycle	TEEE 2 07313-2
5214258	May 25, 1993	Apparatus And Method Of Ultra Rapid Annealing By Induction Heating Of Thin Steel Strip	TEEE 2 08125
5250776	October 5, 1993	Apparatus And Method Of Measuring Temperature	TEEE 2 08527
5430426	July 4, 1995	Transformer	TEEE 2 09045
5451749	September 19, 1995	Inductor For Inductively Heating Crank Shafts	TEEE 2 09125
5680693	October 28, 1997	Method Of Making An Inductor	TEEE 2 09125-1
5938965	August 17, 1999	Inductor For Removing Paint From Wire Hooks	TEEE 2 01782
6069348	May 30, 2000	Method And Apparatus For Inductively Heating Non-Circular Workpieces	TEEE 2 01816
6696675	February 24, 2004	Induction Heating System For Internal Combustion Engine	TEEE 2 13229
6700105	March 2, 2004	Induction Heating System And Method For Internal Combustion Engine	TEEE 2 13371

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