

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LECTROTHERM, INC.	12/27/2005
RECEIVING PARTY DATA	
Name:	AJAX TOCCO MAGNETHERMIC CORPORATION
Street Address:	23000 Euclid Avenue
City:	Euclid
State/Country:	OHIO
Postal Code:	44117
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11516837
CORRESPONDENCE DATA	
Fax Number:	(330)244-1173
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(330) 244-1174
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Correspondent Name:	SAND & SEBOLT
Address Line 1:	4940 Munson Street, NW
Address Line 2:	Aegis Tower, Suite 1100
Address Line 4:	Canton, OHIO 44718-3615
ATTORNEY DOCKET NUMBER:	1463004US1BP
NAME OF SUBMITTER:	Joseph A. Sebolt

OP \$40.00 11516837

Total Attachments: 6
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ASSIGNMENT OF U.S. PATENTS

WHEREAS, **Lectrotherm, Inc.** an Ohio Corporation, having a business address of **8984 Meridian Circle, N.W., North Canton, Ohio, 44720**, is the owner of the entire right, title and interest of the sundry U.S. patents set forth on attached Schedule A.

WHEREAS, **AJAX Tocco Magnethermic Corporation** an Ohio Corporation, having a business address of **23000 Euclid Avenue, Euclid, Ohio, 44117** is desirous of purchasing the entire right, title and interest in, to and under said patents including the goodwill of the business symbolized by the patents, and the common law rights associated therewith, set forth on Schedule A.

NOW, THEREFORE, in consideration of the promises and of One Dollar (\$1.00) and of other good and valuable consideration, the sufficiency of which is hereby expressly acknowledged, **Lectrotherm, Inc.** by these presents hereby assigns, transfers, conveys and set over unto said **AJAX Tocco Magnethermic Corporation**, its successors, assigns and legal representatives, the entire rights, title and interest in, to and under said patents throughout the world, set forth on Schedule A, together with the goodwill of the business in connection with which said patents were and are used, and all rights incident thereto;

Said **Lectrotherm, Inc.** hereby releases, assigns and transfers unto said **AJAX Tocco Magnethermic Corporation** its successors, assigns and legal representatives, all rights, title and interest, claims and demands whatsoever said **Lectrotherm, Inc.** had in, to, by, under and through, said patents, set forth on Schedule A, including all claims for any and all past infringement thereof and the right to sue therefor;

ALL OF THE SAME to be held and enjoyed by said **AJAX Tocco Magnethermic Corporation** for its use and behoof and for its successors, assigns and legal representatives as fully and entirely as the same would have been held and enjoyed by **Lectrotherm, Inc.** had this Assignment not been made.

Executed at _____, _____, this ____ day of _____, 2005.

Lectrotherm, Inc.

By: _____
Name: Lee J. DiCola
Title: Secretary

John Bogiard
WITNESS
Name: John Bogiard
Address: 2452 Purdue Cir N.W.
North Canton Oh 44720
Citizenship: USA

Karin A. Cramer
WITNESS
Name: Karin A. Cramer
Address: 8559 Kepler Rd NW
Carnot Fulton OH 44614
Citizenship: USA

AND AJAX Tocco Magnethermic Corporation hereby accepts the assignment of said patents as set out in Schedule A hereto.

AJAX Tocco Magnethermic Corporation

By: Robert D. W.
Name:
Title:

Linda Kold
WITNESS
Name: Linda Kold
Address: Cleveland, OH
Citizenship: USA

Cynthia L. Nagy
WITNESS
Name: Cynthia L. Nagy
Address: 23000 Euclid Avenue
Cleveland, OH 44117
Citizenship: USA

PATENT

REEL: 018689 FRAME: 0734

STATE OF Ohio
COUNTY OF Stark
UNITED STATES OF AMERICA

Karin A. Cramer, a Notary Public in and for said County, hereby certify that **Lee J. DiCola** who executed this assignment before me on December 27, 2005, has proven to me on the basis of satisfactory evidence, that he had and has full authority to execute this document on behalf of **Lectrotherm, Inc.** without counter-signature by any other individual, and acknowledge the signing of the above instrument to be his voluntary act and deed and that of the corporation **Lectrotherm, Inc.** for the purpose therein set forth.

Witness my signature and Official Seal at Canton, Ohio, this 27th day of December, 2005.

Karin A. Cramer
NOTARY PUBLIC

SEAL



KARIN A. CRAMER
Notary Public, State of Ohio
My Commission Expires Nov. 18, 2008

PATENT

REEL: 018689 FRAME: 0735

STATE OF OHIO
COUNTY OF CUYAHOGA
UNITED STATES OF AMERICA

I, Cynthia L. Nagy, a Notary Public in and for said County, hereby certify that Robert D Vilsack, who executed this assignment before me on May 1, 2006, has proven to me on the basis of satisfactory evidence, that he had and has full authority to execute this document on behalf of **AJAX Tocco Magnethermic Corporation** without counter-signature by any other individual, and acknowledge the signing of the above instrument to be his voluntary act and deed and that of the limited liability company **AJAX Tocco Magnethermic Corporation** for the purposes therein set forth.

Witness my signature and Official Seal at Cleveland, OHIO this 1ST day of May, 2006.

Cynthia L. Nagy
NOTARY PUBLIC

CYNTHIA L. NAGY
Notary Public, State of Ohio
My Commission Expires December 16, 2007
(Recorded in Lake County)

SEAL

U.S. Patents

Case Number	Status	Serial No. Patent No.	Title
1463001US1AP	Issued Issued: 6/3/2003 Expires: 8/20/2022	10/224,774 6,572,368	METHOD AND APPARATUS FOR COOLING A FURNACE
1463003US1AP	Pending Filed on 5/21/2004	10/851,567	INDUCTION FURNACE FOR MELTING SEMI-CONDUCTOR MATERIALS
1463003USZAP	Pending Filed on 7/29/2005	11/193,790	INDUCTION FURNACE FOR MELTING SEMI-CONDUCTOR MATERIALS
1463004US1AP	Pending Filed on 5/21/2004	10/851,565	INDUCTION FURNACE FOR MELTING GRANULAR MATERIALS
1463012US1AV	Pending Filed on 7/29/2005	60/703,831	DIRECT CASTING UTILIZING STACK FILTRATION
1463015US1AV	Pending Filed on 12/7/2005	60/749,320	METHOD AND APPARATUS TO PROVIDE CONTINUOUS MOVEMENT THROUGH A FURNACE
1463016US1AV	Pending Filed on 12/7/2005	60/749,016	GUIDANCE SYSTEM FOR PUSHER PLATE FOR USE IN PUSHER FURNACES
1463017US1AV	Pending Filed on 12/7/2005	60/748,819	FURNACE ALIGNMENT SYSTEM
1463019US1AV	Pending Filed on 12/7/2005	60/748,872	METHOD AND APPARATUS FOR CONTROLLING FURNACE POSITION RESPONSE TO THERMAL EXPANSION
1463020US1AV	Pending Filed on 12/7/2005	60/749,015	INDUCTION COIL HAVING INTERNAL AND EXTERNAL FARADIC RINGS
1463-AK	Issued Issued: 3/22/2005 Expires: 2/2/2023	10/251,030 6,868,896	METHOD AND APPARATUS FOR MELTING TITANIUM USING A COMBINATION OF PLASMA TORCHES AND DIRECT ARC ELECTRODES
1463-AK-DIV	Pending Filed on 2/16/2005	11/058,796	METHOD AND APPARATUS FOR MELTING TITANIUM USING A COMBINATION OF PLASMA TORCHES AND DIRECT ARC ELECTRODES
1463-AL	Issued Issued: 3/30/2004 Expires: 9/20/2022	10/251,028 6,712,875	METHOD AND APPARATUS FOR OPTIMIZED MIXING IN A COMMON HEARTH IN PLASMA FURNACE

U.S. Patents

Case Number	Status	Serial No. Patent No.	Title
1463-AN	Issued Issued: 12/7/2004 Expires: 9/20/2022	10/251,027 6,827,125	IMPROVED CASTING FURNACE
1463-AN-DIV	Pending Filed on 10/22/2004	10/971,632	IMPROVED CASTING FURNACE
1463-AO	Issued Issued: 6/14/2005 Expires: 1/31/2023	10/251,029 6,904,955	METHOD AND APPARATUS FOR ALTERNATING POURING FROM A COMMON HEARTH IN PLASMA FURNACE
1463-AO-DIV	Pending Filed on 1/19/2005	11/038,846	METHOD AND APPARATUS FOR ALTERNATING POURING FROM A COMMON HEARTH IN PLASMA FURNACE
1463-DD	Issued Issued: 8/13/2002 Expires: 5/23/2021	09/863,959 6,434,182 B1	COMPOSITE INSULATING CLAMP ASSEMBLY FOR INDUCTION FURNACE

PATENT