

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Ronald R. Akers</td> <td>08/12/2013</td> </tr> <tr> <td>Alan Koch</td> <td>08/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	Ronald R. Akers	08/12/2013	Alan Koch	08/13/2013				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>AJAX TOCCO MAGNETHERMIC CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>1745 Overland Avenue</td> </tr> <tr> <td>City:</td> <td>Warren</td> </tr> <tr> <td>State/Country:</td> <td>OHIO</td> </tr> <tr> <td>Postal Code:</td> <td>44482</td> </tr> </table>		Name:	AJAX TOCCO MAGNETHERMIC CORPORATION	Street Address:	1745 Overland Avenue	City:	Warren	State/Country:	OHIO	Postal Code:	44482
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CORRESPONDENCE DATA											
<p>Fax Number: 2163639001 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 216.363.9000 Email: kforsyth@faysharpe.com Correspondent Name: FAY SHARPE LLP - Eric Highman Address Line 1: 1228 Euclid Avenue, 5th Floor Address Line 2: The Halle Building Address Line 4: Cleveland, OHIO 44115</p>											
ATTORNEY DOCKET NUMBER:	ATME 200160US01										
NAME OF SUBMITTER:	Eric Highman										
Signature:	/Eric Highman/										
Date:	08/14/2013										

OP \$40.00 13966616

Total Attachments: 6

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, the undersigned, **Ronald R. Akers of 120 Granada Lane, Guntersville, AL 35976 and Alan Koch of 10929 Cosmos Drive, St. Louis, MO 63123** ("Inventor(s)") who has/have created a certain invention for which a U.S. Patent Application has been

- ☒ executed concurrently herewith, claiming priority to and benefit of US Provisional Application Serial No. 61/706,586 filed September 27, 2012
☐ executed on
☐ filed


and is entitled

CRUCIBLE AND DUAL FREQUENCY CONTROL METHOD FOR SEMI-LIQUID METAL PROCESSING

hereby sell, assign and transfer to **AJAX TOCCO MAGNETHERMIC CORPORATION**, ("Assignee"), a corporation of the State of OHIO, having a place of business at 1745 Overland Avenue, Warren, Ohio 44482, its successors, assigns, nominees or other legal representatives, the full, exclusive, entire worldwide rights, title and interest in, to, and under said invention as described and claimed in said application, including any provisional application(s) from which it claims priority, the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, nominees, or other legal representatives, to the end of the term or terms for which said Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held and enjoyed by Inventor(s) if this assignment and sale had not been made; all of the entire rights, title and interest in and to said invention and said application, and all original and reissued patents granted for said invention, and all divisions, reissues, continuations-in-part, and continuations of said application, including the subject matter of any and all claims which may be obtained in every patent, and the right, where such right can be legally exercised, in Assignee's own name to apply for and obtain patents in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention and the Patent Cooperation Treaty as fully and entirely as Inventor(s) could have done if the foreign application had been filed in the names of the Inventor(s), and the entire interest in any Letters Patent which may be granted on any such application in such foreign countries, and Inventor(s) authorize(s) and request(s) the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty is to issue patents on applications as aforesaid, to issue the said Letters Patent to Assignee, its successors, assigns, nominees, or other legal representatives, as Assignee and owner of the said entire rights, and Inventor(s) covenant(s) that Inventor(s) has/have the full right to convey the said entire interest herein assigned and that Inventor(s) has/have not executed and will not execute any agreement in conflict herewith, and Inventor(s) will communicate to Assignee, its successors, assigns, nominees, or other legal representatives all facts

Inventor(s) further covenant(s) and agree(s) that Inventor(s) will, at any time upon request, do everything possible to aid Assignee, its successors, assigns, nominees, or other legal representatives, either in the name of Inventor(s) or Assignee, to apply for, obtain, and enforce proper patent protection for said invention in all countries, according to the International Convention and the Patent Cooperation Treaty, and all the laws and treaties in force, all without further consideration but at the expense of Assignee, its successors, assigns, nominees, or other legal representatives.

State of _____)
)ss:
County of _____)


Notary Public

Seal

Signed at the City of _____ State of _____
on this _____ day of _____, 2013.

Alan Koch

State of)
County of)ss:
)

On this _____ day of _____, 2013 before me
personally came **Alan Koch**, to me known to be the individual described in and who
executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Seal
ATME 200160US01 565637 1

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, the undersigned, **Ronald R. Akers of 120 Granada Lane, Guntersville, AL 35976 and Alan Koch of 10929 Cosmos Drive, St. Louis, MO 63123** ("Inventor(s)") who has/have created a certain invention for which a U.S. Patent Application has been

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PATENT

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Inventor(s) further covenant(s) and agree(s) that Inventor(s) will, at any time upon request, do everything possible to aid Assignee, its successors, assigns, nominees, or other legal representatives, either in the name of Inventor(s) or Assignee, to apply for, obtain, and enforce proper patent protection for said invention in all countries, according to the International Convention and the Patent Cooperation Treaty, and all the laws and treaties in force, all without further consideration but at the expense of Assignee, its successors, assigns, nominees, or other legal representatives.

Ronald R. Akers

State of)
)ss:
County of)

Notary Public

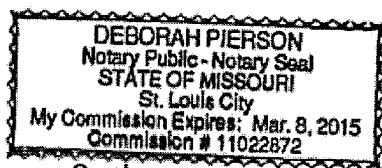
2

Signed at the City of St. Louis State of Missouri
on this 13 day of August, 2013.

Alan A Koch
Alan Koch

State of Missouri)
County of St Louis) ss:
)

On this 13th day of August, 2013 before me
personally came **Alan Koch**, to me known to be the individual described in and who
executed the foregoing instrument, and acknowledged execution of the same.



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Deborah Pierson
Notary Public