

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>Minggang Zhu</td> <td>12/10/2012</td> </tr> <tr> <td>Jingdai Wang</td> <td>12/10/2012</td> </tr> <tr> <td>Wei Li</td> <td>12/10/2012</td> </tr> <tr> <td>Haibo Feng</td> <td>12/10/2012</td> </tr> <tr> <td>Yikun Fang</td> <td>12/10/2012</td> </tr> <tr> <td>Yanfeng Li</td> <td>12/10/2012</td> </tr> <tr> <td>Mingge Zhou</td> <td>12/10/2012</td> </tr> <tr> <td>Xuchao Wang</td> <td>12/10/2012</td> </tr> <tr> <td>Shulin Huang</td> <td>12/10/2012</td> </tr> </tbody> </table>		Name	Execution Date	Minggang Zhu	12/10/2012	Jingdai Wang	12/10/2012	Wei Li	12/10/2012	Haibo Feng	12/10/2012	Yikun Fang	12/10/2012	Yanfeng Li	12/10/2012	Mingge Zhou	12/10/2012	Xuchao Wang	12/10/2012	Shulin Huang	12/10/2012
Name	Execution Date																				
Minggang Zhu	12/10/2012																				
Jingdai Wang	12/10/2012																				
Wei Li	12/10/2012																				
Haibo Feng	12/10/2012																				
Yikun Fang	12/10/2012																				
Yanfeng Li	12/10/2012																				
Mingge Zhou	12/10/2012																				
Xuchao Wang	12/10/2012																				
Shulin Huang	12/10/2012																				
RECEIVING PARTY DATA																					
Name:	Central Iron and Steel Research Institute																				
Street Address:	No.76 Xueyuan Nanlu, Haidian District																				
City:	Beijing																				
State/Country:	CHINA																				
Postal Code:	100081																				
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>13711642</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13711642																
Property Type	Number																				
Application Number:	13711642																				
CORRESPONDENCE DATA																					
Fax Number:																					
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																					
Phone:	3107883267																				
Email:	awininger@perkinscoie.com																				
Correspondent Name:	Perkins Coie LLP																				
Address Line 1:	Patent - LA																				
Address Line 2:	P.O. Box 1208																				

OP \$40.00 13711642

Address Line 4: Seattle, WASHINGTON 98111-1208

ATTORNEY DOCKET NUMBER:

03737.8006.US00

NAME OF SUBMITTER:

Aaron Winger

Total Attachments: 3

source=ASSIGNMENT#page1.tif

source=ASSIGNMENT#page2.tif

source=ASSIGNMENT#page3.tif

ASSIGNMENT

THIS ASSIGNMENT is by ZHU, Minggang; WANG, Jingdai; LI, Wei; FENG, Haibo; FANG, Yikun; LI, Yanfeng; ZHOU, Mingge; WANG, Xuchao; and HUANG, Shulin all citizens of the People's Republic of China (the "Assignors"). We Assignors have invented one or more certain inventions (the "Invention(s)") described in a United States Patent Application entitled **Low-neodymium, non-heavy-rare-earth and high performance magnet and preparation method** (the "Application") and executed concurrently herewith.

Central Iron and Steel Research Institute, a legal entity existing under the laws of the People's Republic of China, having an address at No.76 Xueyuan Nanlu, Haidian District Beijing 100081, China ("Assignee"), desires to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries or regions.

For valuable consideration, the receipt and sufficiency of which we acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, any and all of our right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"), whether now existing or hereafter arising. Assignors warrant that they are joint owners of the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; prepare and prosecute the Application or any other applications for Patents; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignee. This Assignment may be executed in counterparts.

Inventor:

朱明刚

ZHU, Minggang

Date: 2012年12月10日

Inventor:

王景代

WANG, Jingdai

Date: 2012年12月10日

Inventor:

李卫

LI, Wei

Date: 2012年12月10日

Inventor:

冯海波

FENG, Haibo

Date: 2012年12月10日

Inventor:

方以坤

FANG, Yikun

Date: 2012年12月10日

Inventor:

李岩峰

LI, Yanfeng

Date: 2012年12月10日

Inventor:

周鸣鹤

ZHOU, Mingge

Date: 2012年12月10日

Inventor:

汪旭超

WANG, Xuchao

Date: 2012年12月10日

Inventor:

黄书林

HUANG, Shulin

Date: 2012年12月10日