

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Alan Douglas McRae	08/12/2011
Paul Ronald Osborne	08/10/2011
Peter Derrick Smith	08/16/2011
<b>RECEIVING PARTY DATA</b>	
Name:	Siemens VAI Metals Technologies, Ltd.
Street Address:	Davy House, Unit S, Europa Link
Internal Address:	Sheffield Business Park
City:	Sheffield, South Yorkshire
State/Country:	UNITED KINGDOM
Postal Code:	S9 1XU
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	13140864
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(512)457-2100
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(512) 457-2123
Email:	trosson@kslaw.com
Correspondent Name:	Todd Rosson (03869.117194)
Address Line 1:	King & Spalding L.L.P.
Address Line 2:	401 Congress Avenue #3200
Address Line 4:	Austin, TEXAS 78701
ATTORNEY DOCKET NUMBER:	03869.117194
NAME OF SUBMITTER:	Todd Rosson
Total Attachments: 3 source=Assignment_117194#page1.tif source=Assignment_117194#page2.tif source=Assignment_117194#page3.tif	

CH \$40.00 13140864

Client/Matter No.  
03869.117194  
Client Reference No. 2008P16465WOUS

PATENT APPLICATION  
13/140,864

### ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the below signed inventors of record, hereby assign to:

**SIEMENS VAI METALS TECHNOLOGIES, LTD.**  
DAVY HOUSE, UNIT 5, EUROPA LINK, SHEFFIED BUSINESS PARK  
SHEFFIELD, SOUTH YORKSHIRE S9 1XU  
UNITED KINGDOM

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, interest and right to sue throughout the world in the inventions and improvements which are the subject of an application for United States Patent signed by me this day, entitled:

#### "ROLLING MILL TEMPERATURE CONTROL"

this assignment including said application, any and all United States and foreign patents, utility models, design registrations, inventor's certificates and other similar rights granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name, or in its own name, for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for myself and my heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS THEREOF, I hereby set my hand, date of signature and place of signature as indicated below.

Full Name of First or Sole Inventor: ALAN DOUGLAS MCRAE  
Residence: 171 Coppice Avenue  
Ferndown, Dorset BH22 9PW  
GREAT BRITAIN  
Citizenship: Great Britain  
Post Office Address: 171 Coppice Avenue  
Ferndown, Dorset BH22 9PW  
GREAT BRITAIN

Alan Douglas McRae  
Signature of Sole or First Inventor

12/08/11  
Date of Signature

A Stevens  
1st Witness

[Signature]  
2nd Witness

ANNE ELIZABETH STEVENS  
printed name

NIGEL WILLIAM SCOUERS  
printed name

12.08.2011  
Date

12-08-2011  
Date

Client/Matter No.  
03869.117194  
Client Reference No. 2008P16465WOUS



PATENT APPLICATION  
13/140,864

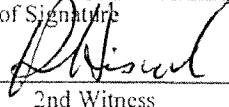
Full Name of Second Inventor: **PAUL RONALD OSBORNE**

Residence: 5 Mullins Close  
Poole, Dorset BH12 5EQ  
GREAT BRITAIN

Citizenship: Great Britain

Post Office Address: 5 Mullins Close  
Poole, Dorset BH12 5EQ  
GREAT BRITAIN

  
\_\_\_\_\_  
Signature of Second Inventor  
  
\_\_\_\_\_  
1st Witness  
**Tony LATHAM**  
\_\_\_\_\_  
printed name  
**10/08/2011**  
\_\_\_\_\_  
Date

**10-08-11**  
\_\_\_\_\_  
Date of Signature  
  
\_\_\_\_\_  
2nd Witness  
**ROBERT Hiscock**  
\_\_\_\_\_  
printed name  
**10/08/2011**  
\_\_\_\_\_  
Date

Client/Matter No.  
03869.117194  
Client Reference No. 2008P16465WOUS

PATENT APPLICATION  
13/140,864

Full Name of Third Inventor: **PETER DERRICK SMITH**  
Residence: 10 Parkstone Heights  
Poole, Dorset BH14 0QF  
GREAT BRITAIN  
Citizenship: Great Britain  
Post Office Address: 10 Parkstone Heights  
Poole, Dorset BH14 0QF  
GREAT BRITAIN

P. D Smith  
Signature of Third Inventor  
[Signature]  
1st Witness  
S. V. WOEN  
printed name  
16-08-2011.  
Date

16/8/2011  
Date of Signature  
[Signature]  
2nd Witness  
R. CROSBY  
printed name  
16/8/11.  
Date

16983612