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Name: Erica Hall

Signature: *Erica Hall*
Clifford Chance Rogers & Wells LLP

Commissioner of Patents
Box Assignment
Washington, D.C. 20231

Docket No. 100528-1

02-06-2002

Please record the attached original document(s) or copy(ies) thereof:



101974787

Conveying party(ies):

(name) (Exec. date)
Remet Corporation 9/28/01
210 Common Road
Utica, NY 13502

Conveyance Type:

☐ Assignment ☒ Security Agreement
☐ License ☐ Change of Name
☐ Merger ☐ Other _____

Receiving party:

The Royal Bank of Scotland plc
135 Bishopgate
London EC2M 34R
England

Submission Type:

☒ New
☐ Resubmission: Doc. ID# _____
☐ Correction of PTO error Reel _____
☐ Corrective Document Frame _____

Application or Patent Number(s):

Enter either Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for same property)

Patent Application Number(s)

Patent Number(s)

PLEASE SEE ATTACHED RIDER

If this document is being filed with a new application, The application was signed by the first named executing inventor on: _____

Correspondence Address:

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Number of Properties:

Total number of properties involved: 50

Fee:

Total fee under 37 CFR 1.21(h) (\$40/per) \$1,640

☐ Enclosed
☒ Authorized to charge to Deposit Account Number:
50-0521 A duplicate copy of this cover sheet is attached.
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Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Erica L. Hall

Erica L. Hall
Signature

10/19/01
Date

02/05/2002 JJALLAH2 00000038 500521 4196769

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Cover Sheet Page 1 of 1

NYB 1291058.1

PATENT
REEL: 012530 FRAME: 0458

REMEL[®] CORPORATION (UTICA) PATENT STATUSUS/FOREIGN PATENTS
AND APPLICATIONS

PATENT DESCRIPTION

INVENTOR

LOCATION
ISSUE/APPL
DATE
ABANDON

4,126,769 (RC001)	Method of making a shell mold using a binder of fibrous colloidal alumina and a refractory. (Appl. 889,142)	R.C. Feagin	Data Proc Wall	4/8/80	E 4/97
79-06336	(not available)				
2,999,844	Germany		Lobby Wall	3/13/79	A
2,017,118	U.K.		Lobby Wall	3/13/79	A
(abandoned)	Japan		Lobby Wall	3/6/79	A
4,286,815 (RC002)	Method of making a shell mold using a binder comprising a non-fluoroc, acidic, aqueous dispersion of aluminum monohydrate and a refractory. (Appl. 921,832)	R.C. Feagin	Data Proc Wall	8/12/80	Expired
0016127	France				
0016127	U.K.				
2,965,700.3	Germany		Reception Wall	6/25/79	A 4/92
1,515,611	Japan		Reception Wall	6/25/79	A 4/92
			Reception Wall	6/25/79	A 4/92
			Open Area	8/24/80	A 12/95
4,415,673 (RC003)	Method of making refractory shapes using a binder comprising an acid stabilized aqueous colloidal zirconia sol and an active refractory. (Appl. 246,315)	R.C. Feagin	Data Proc Wall	11/15/83	E 3/23/01
1,202,133	Canada				
0092212	Italy		Reception Wall	3/25/86	E 3/25/03
0092212	U.K.		Reception Wall	3/25/86	A 4/93
3,372,800.9	Germany			3/25/86	A 4/93
1,620,694	Japan			3/25/86	A 4/95
1,839,261	Japan		Tech Library	10/9/91	A 3/96
2,534,678	Japan		Tech Library	7/27/94	E 5/21/02
			Data Proc Wall	5/31/96	E 5/21/02
4,504,591 (RC004)	A refractory mix of an acid-stabilized, aqueous zirconia sol and an active refractory material and articles prepared therefrom. (Appl. 487,704)	R.C. Feagin	Data Proc Wall	3/12/85	E 4/21/03

Page Total = 18

6/5/00

<u>US/FOREIGN PATENTS AND APPLICATIONS</u>	<u>PATENT DESCRIPTION</u>	<u>INVENTOR</u>	<u>LOCATION</u>	<u>ISSUE APPL DATE</u>	<u>EXPIRE/ ABANDON</u>
4,740,246 (RC005)	Casting molds and processes using zirconia sol with a fused refractory of zirconium oxide, yttrium oxide, or mixtures with rare earths. (Appl. 06/933,836)	R.C. Feagin	Data Proc Wall	4/26/88	E 11/24/06
0,204,674	(listed w/ European - Appl. 86530168.5)	"	Data Proc Wall	12/7/91	A 6/93
0,204,674	(listed w/ European - Appl. 86530168.5)	"	"	12/7/91	A 5/96
0,204,674	(listed w/ European - Appl. 86530168.5)	"	"	12/7/91	A 6/93
0,204,674	(listed w/ European - Appl. 86530168.5)	"	"	12/7/91	A 4/93
0,204,674	(listed w/ European - Appl. 86530168.5)	"	"	12/7/91	A 6/93
1,799,802	(Appl. 13 1668/86)	"	"	11/2/93	E 2/9/08
4,787,439 (RC005 Div)	A composition for a coating made from yttria sol binder and a refractory of yttria, zirconium oxide, or fused mixtures and articles made therefrom. (Appl. 06/935,084)	R.C. Feagin	Data Proc Wall	11/29/88	E 11/24/06
5,904,039 (RC006)	Refractory casting molds made from ZrO_2 sol and an active refractory. (Patent further expands USP 4,504,591 by covering the process of making molds and shapes and castings. (Appl. 07/120,877)	R.C. Feagin	Lobby Wall	4/2/91	E 3/9/09
5,535,811 (RC007)	Ceramic shell compositions for casting of reactive metals (Appl. 08/077,883)	R.C. Feagin	Lobby Wall	7/16/96	E 7/16/13
2,234,040	(Appl. 8910699.1)	"	Tech Library	7/3/96	Lapsed
1,339,184	(Appl. 579,924)	"	Reception Wall	7/29/97	E 7/29/14
2,772,090	(Appl. 80001869)	"	(Awaiting translation & framing)	4/17/98	E 4/30/09
5,629,369 (RC008 Div)	Fast processing binder system (ADBOND). (Appl. 08/472,652)	M. Guerra	Reception Wall	5/13/97	E 5/13/14

Page Total = 15

Page 2

US FOREIGN PATENTS AND APPLICATIONS

DESCRIPTION

INVENTOR

LOCATION

ISSUE ACTL DATE

EXPIRE/ ABANDON

5,630,463
(RC007 Div)

Ceramic shell molds and cores for casting of reactive metals (Appl. 08/456,469 which was based on Appl. 07/007,863).

R.C. Feagin

Data Proc

5/20/97

E 5/20/14

5,677,371
(RC008)

Fast processing water based binder system (ADBCOND).
(Appl. 08/479,607)

M. Gueira

Dev Lab

10/14/97

E 10/14/14

Appl 94305549, IEuropean Community (including U.K., Ireland, Germany, France)

5,712,635
(RC007 Div)

Ceramic cores for casting of reactive metals.
(Appl. 08/456,313)

R.C. Feagin

Dev Lab

1/27/98

E 1/27/15

5,738,819
(RC007 Div)

Method for making ceramic shell molds and cores.
(Appl. 08/456,824)

R.C. Feagin

Reception Wall

4/14/98

E 4/14/15

5,824,730
(RC008 Div)

Use of water based binder system (ADBCOND) comprising colloidal silica and polymer(s) to create a rapid-processing slurry system. (Appl. 08/104,921)

M. Gueira

Reception Wall

10/20/98

E 10/20/15

5,944,988
(RC007 Div)

Ceramic shell molds and cores for casting of reactive metals. (Appl. 08/564,350)

R.C. Feagin

Reception Wall

8/31/99

E 1/28/07

6,020,415
(RC008 Div)

ADBCOND
(Appl. 08/989,401)

M. Gueira

Open Area

2/3/00

E 2/1/17

ATTORNEY:

WLP - Wenderoth, Lind and Parnack

BDWY - Beveridge, DeGrandi, Wellacher & Young (Smith, Gambrell & Russell)

Page Total = 7

CURRENT PATENT TO IAL = 40

Page 3

PATENT SECURITY AGREEMENT

PATENT SECURITY AGREEMENT, dated as of September 28, 2001 by Remet Corporation, a California corporation (the "**Grantor**"), in favor of The Royal Bank of Scotland plc as security trustee for the Secured Parties (as defined in the Security Agreement referred to below) (in such capacity, the "**Security Trustee**").

WITNESSETH:

WHEREAS, pursuant to a Credit Agreement, dated July 12, 2001 (as the same may be amended, restated, supplemented or otherwise modified from time to time, including as amended and restated by the Amendment and Restatement Agreement dated on or about the date hereof, the "**Credit Agreement**") between (1) Foseco (Jersey) Limited (formerly Waterloo Project Limited), (2) the Banks, (3) JP Morgan plc as Sole Book Runner (4) JP Morgan plc and The Royal Bank of Scotland plc as Lead Arrangers, (5) The Royal Bank of Scotland plc as Facility Agent, (6) The Royal Bank of Scotland plc as Security Trustee, (7) National Westminster Bank plc as Issuing Bank, and (8) National Westminster Bank plc as Overdraft Bank, the Banks have severally agreed to make available certain facilities on the terms and conditions contained in the Credit Agreement; and

WHEREAS, the Grantor is a Guarantor under a Guarantee pursuant to which it has guaranteed the obligations of the Borrowers and the other Group Companies under the Financing Documents; and

WHEREAS, the Grantor is a party to a Pledge and Security Agreement of even date herewith in favor of the Security Trustee (the "**Security Agreement**") pursuant to which the Grantor is required to execute and deliver this Patent Security Agreement;

NOW, THEREFORE, in consideration of the premises and to induce the Banks and the Security Trustee to enter into the Credit Agreement and to induce the Banks to make their respective extensions of credit to the Borrowers thereunder, the Grantor hereby agrees with the Security Trustee as follows:

Section 1 - Defined Terms

Unless otherwise defined herein, terms defined in the Credit Agreement or in the Security Agreement and used herein have the meaning given to them in the Credit Agreement or the Security Agreement.

Section 2 - Grant of Security Interest in Patent Collateral

The Grantor, as collateral security for the full, prompt and complete payment and performance when due (whether at stated maturity, by acceleration or otherwise) of the Secured Obligations of the Grantor, hereby grants to the Security Trustee for the benefit of the Secured Parties a lien on and a security interest in, all of its right, title and interest in, to and under the following Collateral of the Grantor (the "**Patent Collateral**") excluding any

Collateral that would be rendered invalid, abandoned, void, or unenforceable by reason of its being included as part of the Patent Collateral:

- (a) all of its Patents and Patent Licenses to which it is a party, including those referred to on Schedule I hereto;
- (b) all reissues, continuations or extensions of the foregoing; and
- (c) all Proceeds of the foregoing, including any claim by Grantor against third parties for past, present or future infringement or dilution of any Patent or any Patent licensed under any Patent License.

Section 3 - Security Agreement

The security interest granted pursuant to this Patent Security Agreement is granted in conjunction with the security interest granted to Security Trustee pursuant to the Security Agreement and the Grantor hereby acknowledges and affirms that the rights and remedies of Security Trustee with respect to the security interest in the Patent Collateral made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

Section 4 - Conditionality

The parties agree that this Patent Security Agreement shall have no force and effect unless and until completion has occurred within the meaning of the Sale and Purchase Agreement dated July 12, 2001 between Burmah Castrol PLC and Foseco (Jersey) Limited (formerly Waterloo Project Limited) including, without limitation, that the initial consideration has been paid in accordance with Clause 3.1.3 of said agreement.

[THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK]

IN WITNESS WHEREOF, the undersigned Grantor has caused this Patent Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

Very truly yours,

REMET CORPORATION

By: William Kelly

Name: William Kelly

Title: Vice President Finance

ACCEPTED AND AGREED:

THE ROYAL BANK OF SCOTLAND PLC

as Security Trustee

By:

Name:

Title:

IN WITNESS WHEREOF, the undersigned Grantor has caused this Patent Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

Very truly yours,

REMET CORPORATION

By:

William Kelly

Name: William Kelly

Title: Vice President Finance

ACCEPTED AND AGREED:

THE ROYAL BANK OF SCOTLAND PLC

as Security Trustee

By:

Sadie Allen

Name: SADDIE ALLEN

Title: DIRECTOR

SCHEDULE 1
TO
PATENT SECURITY AGREEMENT
PATENT REGISTRATIONS

See Schedule attached hereto entitled "Remet Corporation (Utica) Patent Status".

REMET CORPORATION (JPLICA) PATENT STATUS

US/FOREIGN PATENTS
AND APPLICATIONS

PATENT DESCRIPTION

INVENTOR

LOCATION
ISSUE/APPL
DATE
EXPIRE/
ABANDON

4,156,769
(R0000)
Method of making a dual mold using a binder of
silicous colloidal alumina and a refractory. (Appl. 889,142)

R.C. Reagin

E 4/97

79-06336
2,909,844
2,077,118
(abandoned)
France
Germany
U.K.
Japan
(not available)
(Appl. 290,904.0)
(Appl. 790,789.2)
(Appl. 312,317.9)

Lobby Wall
Lobby Wall
Lobby Wall

3/13/79
3/13/79
3/6/79

A
A
A

4,286,815
(R0002)
Method of making a dual mold using a binder comprising
a non-silicous solid, aqueous dispersion of silicous
monohydrate and a refractory. (Appl. 921,817)

R.C. Reagin

Expired

001,6127
001,6127
2,945,730.3
1,515,611
France
U.K.
Germany
Japan
(United w/ European - Appl. 799,008,37.0)
(United w/ European - Appl. 798,008,37.0)
(United w/ European, but separate application - Appl. 296,572,0.3)
(Appl. 501,367.9)

Reception Wall
Reception Wall
Reception Wall
Open Area

6/25/79
6/25/79
6/25/79
8/24/89

A 4/92
A 4/92
A 4/92
A 12/95

4,415,673
(R0003)
Method of making refractory shapes using a binder
comprising an acid stabilized aqueous colloidal zirconia
sol and an active refractory. (Appl. 246,315)

R.C. Reagin

E 3/23/01

1,202,333
008,2212
008,2212
3,272,800.9
1,630,694
1,859,261
2,534,678
Canada
Italy
U.K.
Germany
Japan
Japan
Japan
(Appl. 406,513)
(United w/ European - Appl. 823,022,66.0)
(United w/ European - Appl. 823,022,66.0)
(United w/ European - Appl. 823,022,66.0)
(Appl. 370,448.7)
(Appl. 241,171,838)
(Appl. 13,103,693)

Reception Wall
Reception Wall
Reception Wall
Tech Library
Tech Library
Data Proc Wall

3/25/86
3/25/86
3/25/86
10/9/91
1/27/94
5/31/96

E 3/23/03
A 4/95
A 4/95
A 4/95
A 3/96
E 5/21/02
E 5/21/02

4,504,591
(R0004)
A refractory mix of an acid-stabilized, aqueous
zirconia sol and an active refractory material and
articles prepared therefrom. (Appl. 487,704)

R.C. Reagin

E 4/21/03

Data Proc Wall

3/12/85

Page Total = 18

6/5/06

<u>US/FOREIGN PATENTS AND APPLICATIONS</u>	<u>PATENT DESCRIPTION</u>	<u>INVENTOR</u>	<u>LOCATION</u>	<u>ISSUE APPL DATE</u>	<u>EXPIRY/ ABANDON</u>
4,740,246 (RC005)	Casting molds and processes using zirconia sol with a fused refractory of zirconium oxide, yttrium oxide, or mixtures with rare earths. (Appl. 06/933,838)	R.C. Feagin	Data Proc Wall	4/26/88	E 11/24/06
0,204,674	Belgium	"	Data Proc Wall	12/27/91	A 6/95
0,204,674	France	"	"	12/27/91	A 5/96
0,204,674	Germany	"	"	12/27/91	A 6/95
0,204,674	Italy	"	"	12/27/91	A 4/95
0,204,674	Sweden	"	"	12/27/91	A 6/95
0,204,674	UK	"	"	12/27/91	A 6/95
1,799,002	Japan	"	"	11/12/93	E 2/9/06
4,787,439 (RC005 Div)	A composition for a coating made from yttrium sol binder and a refractory of yttria, zirconium oxide, or fused mixtures and articles made therefrom. (Appl. 06/935,084)	R.C. Feagin	Data Proc Wall	11/29/88	E 11/24/06
5,004,039 (RC006)	Refractory casting molds made from ZrO_2 sol and an active refractory. (Patent further expands USP 4,504,591 by covering the process of making molds and shapes and castings. (Appl. 07/320,877)	R.C. Feagin	Lobby Wall	4/2/91	E 3/9/09
5,535,911 (RC007)	Ceramic shell compositions for casting of reactive metals. (Appl. 06/077,883)	R.C. Feagin	Lobby Wall	7/16/96	E 7/16/13
2,294,040	U.K.	"	Tech Library	7/3/96	Lapsed
1,339,184	Canada	"	Reception Wall	7/29/97	E 7/29/14
2,772,090	Japan	"	(Awaiting translation & funding)	4/17/98	E 5/30/09
5,629,369 (RC008 Div)	Fast processing binder system (ADBOND). (Appl. 08/472,632)	M. Guerra	Reception Wall	5/13/97	E 5/13/14

Page Total = 15

**US FOREIGN PATENTS
AND APPLICATIONS**

	DESCRIPTION	INVENTOR	LOCATION	ISSUE APPL DATE	EXPIRE/ ABANDON
5,638,463 (RC007 Div)	Ceramic shell molds and cores for casting of reactive metals (Appl. 08/456,469 which was based on Appl. 07/007,883).	R.C. Feagin	Data Proc	5/20/97	E 5/20/14
5,677,371 RC008	Fast processing water based binder system (ADBOND). (Appl. 08/479,697)	M. Guerra	Dev Lab	10/14/97	E 10/14/14
5,712,635 (RC007 Div)	Ceramic cores for casting of reactive metals. (Appl. 08/456,313)	R.C. Feagin	Dev Lab	1/27/98	E 1/27/15
5,738,819 (RC007 Div)	Method for making ceramic shell molds and cores. (Appl. 08/456,824)	R.C. Feagin	Reception Wall	4/14/98	E 4/14/15
5,824,730 (RC008 Div)	Use of water based binder system (ADBOND) comprising colloidal silica and polymer(s) to create a rapid-processing slurry system. (Appl. 08/104,921)	M. Guerra	Reception Wall	10/20/98	E 10/20/15
5,944,888 (RC007 Div)	Ceramic shell molds and cores for casting of reactive metals. (Appl. 08/964,350)	R.C. Feagin	Reception Wall	8/31/99	E 1/28/07
6,020,415 (RC008 Div)	ADBOND (Appl. 09/989,401)	M. Guerra	Open Area	2/3/00	E 2/1/17

Appl. 94305549, European Community (including U.K., Ireland, Germany, France)

ATTORNEY:

WLP = Wenders, Lind and Punsick
BDWY = Beveridge, DeGrandi, Welbaker & Young (Smith, Gambrell & Russell)

Page Total = 7

CURRENT PATENT TOTAL = 40