


APC-6990

07-29-1998

	<b>PATENT ONLY</b>
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	ER SHEET

To the Honorable Commissione

100778417

attached original documents or copy thereof

## 1. Name of conveying party(ies):

1) Vladimir Alexandrovich Arutyunov, 2) Alexander Yakovlevich Stomakhin, 3) Alexei Varnavievich Yegorov, 4) Vladimir Ilvich Lebedev, 5) Vladimir Andreyevich Romanets, 6) Valery Sergeevich Valavin, 7) Dmitry Dmitryevich Kozlov, 8) Gennady Borisovich Beremblum, 9) Valentin Andreyevich Breus, 10) Boris Anatolevich Chumarin, 11) Oleg Petrovich Lopatin

Additional name(s) of conveying party(ies) attached? ☐ YES ☒ NO

## 3. Nature of Conveyance.

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Correction of Assignment Recordation  
 (previously recorded at Reel \_\_\_\_\_, Frame \_\_\_\_\_).  
☐ Other

Execution Date: 1) 05/14/98, 2) 05/08/98, 3) 05/08/98,  
 4) 05/14/98, 5) 05/12/98, 6) 05/12/98, 7) 05/14/98,  
 8) 05/14/98, 9) 05/12/98, 10) 05/14/98, 11) 05/14/98

## 2. Name and address of receiving party(ies):

Name: Air Products and Chemicals, Inc.  
 Internal Address:  
 Street Address: 7201 Hamilton Boulevard  
 City: Allentown State: PA ZIP: 18195-1501

Additional name(s) & address(es) attached? ☐ YES ☒ NO

## 4. Application number(s) or patent number(s)

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_  
 A. Patent Application Number(s) 08/981,345 B. Patent Number(s) \_\_\_\_\_

Additional number(s) attached? ☐ YES ☒ NO

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: James C. SimmonsInternal Address: Ratner & Prestia

Street Address: Suite 301, One Westlakes, Berwyn,  
P.O. Box 980  
 City: Valley Forge State: PA ZIP: 19482-0980

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number: 18-0350

(Attach duplicate copy of this page if paying by deposit account.)

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01 FC:531

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## 9. 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.

James C. Simmons

Name of Person Signing

24,842

Registration. No.

Signature

Date

Total number of pages including cover sheet, attachments, and document: 6

OMB No. 0651-0011 (exp. 4/94)

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USPTO Form 1595 [R&amp;P]

PATENT  
 REEL: 9340 FRAME: 0201

MRD 7-27-98

**ASSIGNMENT**

WHEREAS, we, (1) ARUTYUNOV, Vladimir Alexandrovich, (2) STOMAKHIN, Alexander Yakovlevich, (3) YEGOROV, Alexei Varnavievich, (4) LEBEDEV, Vladimir Ilyich, (5) ROMENETS, Vladimir Andreyevich, (6) VALAVIN, Valery Sergeyevich, (7) KOZLOV, Dmitry Dmitryevich, (8) BEREMBLUM, Gennady Borisovich, (9) BREUS, Valentin Andreysvich, (10) CHUMARIN, Boris Anatolievich, and (11) LOPATIN, Oleg Petrovich, of (1) Profsoyuznaya str., 113-3-479, 117647 Moscow RUSSIA, (2) 3rd Tverskaya-Yamskaya str., 42-47, 125407 Moscow RUSSIA, (3) Serafimovicha str., 2-327, 109072 Moscow RUSSIA, (4) Kosinskaya str., 18-3-146, 111538 Moscow RUSSIA, (5) Lomonosovsky avenue 33-2-87, 117192 Moscow RUSSIA, (6) Vinokurov str., 13-27, 113447 Moscow RUSSIA, (7) Gagarin str., 49-74, 398022 Lipetsk RUSSIA, (8) Michurin str., 38-16, 398024 Lipetsk RUSSIA, (9) Lenin str., 3-22, 398050 Lipetsk RUSSIA, (10) Pervomaiskaya str., 55-17, 399058 Lipetsk RUSSIA, and (11) Michurin str., 28a-81, 398024 Lipetsk RUSSIA, respectively, all citizens of Russian, (hereinafter referred to as "ASSIGNOR") have made an invention entitled **METHOD AND APPARATUS FOR AFTER-BURNING THE COMBUSTIBLE COMPONENTS OF THE ATMOSPHERE IN METALLURGICAL SMELTING VESSELS**, filed on December 17, 1997 under U.S. Application Serial No. 08/981.345, the ASSIGNOR executed an application for United States Letters Patent;

WHEREAS, the ASSIGNEE,  
AIR PRODUCTS AND CHEMICALS, INC.  
7201 Hamilton Boulevard  
Allentown, Pennsylvania 18195-1501  
UNITED STATES OF AMERICA

a corporation organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania, is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to

the ASSIGNEE the ASSIGNOR'S entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said patent application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that ASSIGNOR shall be legally bound, upon request and at the expense of the ASSIGNEE or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments and do such other acts as may be necessary and proper to patent the invention in the United States of America and foreign countries in the name of the assignee and to execute all instruments proper to carry out the intent of this instrument.

Because ASSIGNOR includes more than one person, these obligations shall apply to those persons both individually and collectively.

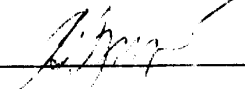
ASSIGNOR hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

IN WITNESS WHEREOF, this Assignment is executed on the day indicated below.

ASSIGNOR #1

ARUTYUNOV, Vladimir Alexandrovich

Date May 14, 1998

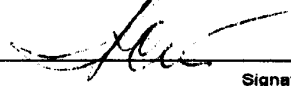
  
Signature

Witness as to ASSIGNOR #1: (Optional) \_\_\_\_\_

PATENT  
REEL: 9340 FRAME: 0203

ASSIGNOR #2

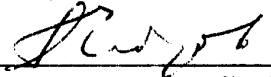
STOMAKHIN, Alexander Yakovlevich

Date 8 May 1998  
Signature

Witness as to ASSIGNOR #2: (Optional) \_\_\_\_\_

ASSIGNOR #3

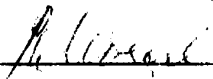
YEGOROV, Alexei Varnavievich

Date 8 May 1998  
Signature

Witness as to ASSIGNOR #3: (Optional) \_\_\_\_\_

ASSIGNOR #4

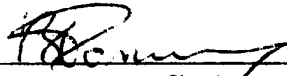
LEBEDEV, Vladimir Ilyich

Date 14 June 1998  
Signature

Witness as to ASSIGNOR #4: (Optional) \_\_\_\_\_

ASSIGNOR #5


ROMENETS, Vladimir Andreyevich

Date 12 May 1998  
Signature

Witness as to ASSIGNOR #5: (Optional) \_\_\_\_\_

ASSIGNOR #6

VALAVIN, Valery Sergeyevich

Date 12 May 1998  
Signature

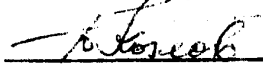
Witness as to ASSIGNOR #6: (Optional) \_\_\_\_\_

ASSIGNOR #7

KOZLOV, Dmitry Dmitryevich

Date

14 May 1998



Signature

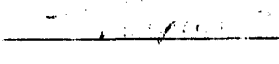
Witness as to ASSIGNOR #7: (Optional)

ASSIGNOR #8

BEREMBLUM, Gennady Borisovich

Date

14 May 1998



Signature

Witness as to ASSIGNOR #8: (Optional)

ASSIGNOR #9

BREUS, Valentin Andreysvich

Date

Signature

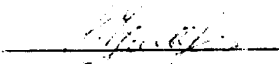
Witness as to ASSIGNOR #9: (Optional)

ASSIGNOR #10

CHUMARIN, Boris Anatolievich

Date

14 May 1998



Signature

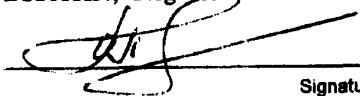
Witness as to ASSIGNOR #10: (Optional)

ASSIGNOR #11

LOPATIN, Oleg Petrovich

Date

14 May 1998



Signature

Witness as to ASSIGNOR #11: (Optional)

ASSIGNOR #7

KOZLOV, Dmitry Dmitryevich

Date \_\_\_\_\_

\_\_\_\_\_  
SignatureWitness as to ASSIGNOR #7: (Optional) \_\_\_\_\_  
\_\_\_\_\_

ASSIGNOR #8

BEREMBLUM, Gennady Borisovich

Date \_\_\_\_\_

\_\_\_\_\_  
SignatureWitness as to ASSIGNOR #8: (Optional) \_\_\_\_\_  
\_\_\_\_\_

ASSIGNOR #9

BREUS, Valentin Andreyevich

Date 12 May 1998

  
SignatureWitness as to ASSIGNOR #9: (Optional) \_\_\_\_\_  
\_\_\_\_\_

ASSIGNOR #10

CHUMARIN, Boris Anatolievich

Date \_\_\_\_\_

\_\_\_\_\_  
SignatureWitness as to ASSIGNOR #10: (Optional) \_\_\_\_\_  
\_\_\_\_\_

ASSIGNOR #11

LOPATIN, Oleg Petrovich

Date \_\_\_\_\_

\_\_\_\_\_  
SignatureWitness as to ASSIGNOR #11: (Optional) \_\_\_\_\_  
\_\_\_\_\_