

12-23-2003

ocket No.: BASF ASSIGN

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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Mine Safety Appliances Company

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: December 16, 2003

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

Name: BASF Aktiengesellschaft

Address: Carl-Bosch-Strasse 38

City: Ludwigshafen

State/Prov.:

Country: Germany

ZIP: D-67056

Additional name(s) & address(es)

☐ Yes ☒ No

2003 DEC 19 AM 7:42
OPR/FINANCE

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.

Filing date

B. Patent No.(s)

6,444,862

6,268,537

6,221,331

6,218,585

6,169,203

6,048,985

5,886,229

5,750,087

5,463,131

5,420,322

Additional numbers

☐ Yes ☒ No

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

Name: James G. Uber

Registration No. 30,600

Address: Mine Safety Appliances Company

P.O. Box 426

12/22/2003 ECOOPER 00000228 133635 6444862

01 FC:8021 400.00 BA

City: Pittsburgh

State/Prov.: PA

Country: USA

ZIP: 15230-0426

6. Total number of applications and patents involved:

10

7. Total fee (37 CFR 3.41):.....\$ 400.00

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Charge any deficiency to deposit account.

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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.

Stephanie J. Cassidy

Name of Person Signing

Stephanie J. Cassidy

Signature

December 17, 2003

Date

5

Total number of pages including cover sheet, attachments, and

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PATENT

REEL: 014797 FRAME: 0829

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR: Mine Safety Appliances Company

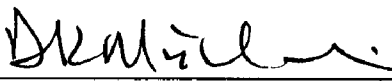
hereby sells, assigns and transfers to

ASSIGNEE: BASF Aktiengesellschaft

and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions in and to, any and all inventions and improvements which are disclosed and/or claimed in the U.S. Patents set forth in Schedule 2.1(d) to the Callery Chemical Asset Purchase Agreement: Seller Disclosure Schedule, a copy of which is attached.

IN WITNESS WHEREOF, the undersigned has hereunto set his hand and seal
this 16th day of December, 2003.

Mine Safety Appliances Company

By: 
Douglas K. McClaine
Secretary & General Counsel

CALLERY CHEMICAL ASSET PURCHASE AGREEMENT:
SELLER DISCLOSURE SCHEDULE

Schedule 2.1(d) – Acquired Intellectual Property

US Patents (all owned by Mine Safety Appliances Company):

<u>Patent #</u>	<u>Issued</u>	<u>USPN</u>	<u>Title</u>
6,444,862	9/3/02	9/580,107	Synthesis and isolation of metal alkoxides Application No. 01937561.7, filed 5/16/1 (EPO: Austria, France, Germany, Ireland, the Netherlands, Switzerland and the U.K.)
6,268,537	7/31/01	9/318,415	Method of synthesis of lithium substituted borohydride reagents and method of synthesis of reactive lithium hydride
6,221,331	4/24/01	9/490,982	Method of synthesis of lithium substituted borohydride reagents and method of synthesis of reactive lithium hydride
6,218,585	4/17/01	9/553,264	Increasing enantioselectivity in reductions with borane reagents Application No. 01906624.0, filed 1/22/1 (EPO: Austria, France, Germany, Ireland, the Netherlands, Switzerland and the U.K.)
6,169,203	1/2/01	9/028,890	Method of preparation of alkali-metal amides
6,048,985	4/11/00	9/218,914	Borane-tetrahydrofuran complex method of storing and reacting borane-tetrahydrofuran complex
5,886,229	3/23/99	8/087,580	Method of synthesis of alkali metal trisubstituted borohydride reagents Application No. 99806695.8, filed 1/19/99 (China) Application No. 99902363.3, filed 1/19/99 (EPO) Application No. 2000-594816, filed 1/19/99 (Japan) Application No. 98-710318, filed 1/19/99 (South Korea)
5,750,087	5/12/98	8/673,201	Process for the reduction of copper oxide Patent No. 0907763, filed 6/16/97 (France) Patent No. 69706173, filed 6/16/97 (Germany) Application No. 10-503277, filed 12/25/98 (Japan) Application No. 98-710318, filed 6/16/97 (S. Korea) Patent No. 0907763, filed 6/16/97 (U.K.)
5,463,131	10/31/95	8/268,304	Synthesis of organohaloboranes and alkoxyorganoboranes Patent No. 694549, filed 6/14/95 (France) Patent No. 694549, filed 6/14/95 (Germany) Patent No. 694549, filed 6/14/95 (Ireland) Application No. 7-161729, filed 6/28/95 (Japan) Patent No. 694549, filed 6/14/95 (Switzerland/Lichtenstein) Patent No. 694549, filed 6/14/95 (United Kingdom)
5,420,322	5/30/95	8/298,831	Preparation of alkali-metal hexamethydisilazanes

CALLERY CHEMICAL ASSET PURCHASE AGREEMENT:
SELLER DISCLOSURE SCHEDULE

<u>Patent Application #</u>	<u>Application Date</u>	<u>Title</u>
9/771,230	1/26/01	Increasing enantioselectivity in reductions with borane reagents (continuation of USSN 9/553,264)
10/200,722	7/22/02	Synthesis and isolation of metal alkoxides (continuation of USSN 9/580,107)

US Trademarks (all owned by Mine Safety Appliances Company):

<u>Trademark #</u>	<u>Trademark</u>	<u>Goods</u>
2,266,794	CALSELECT	Specialty Chemical Products
1,917,495	CALLERY	Specialty Chemical Products and Catalysts

Foreign Trademarks (all owned by Mine Safety Appliances Company):

<u>Trademark #</u>	<u>Trademark</u>	<u>Jurisdiction</u>
562,397	CALLERY	Canada
1628115	CALLERY	China
1549765	CALLERY	European Union
909274	CALLERY	India
3228249	CALLERY	Japan
501356	CALLERY	Korea
678334	CALLERY	Mexico
964639	CALLERY	Taiwan

Domain Names:

www.callery.com

License Agreements:

- License Agreement, by and between Callery Chemical Division and Aldrich Chemical Co. Inc.
- License Agreement, by and between Callery Chemical Company and the President and Fellows of Harvard College.