

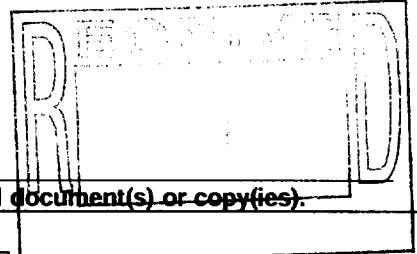
07-28-1999



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7-26-99

RECORDATION FORM COVER SHEET  
TRADEMARKS ONLY



TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- New
- Resubmission (Non-Recordation)  
Document ID # \_\_\_\_\_
- Correction of PTO Error  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_
- Corrective Document  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

Conveyance Type

- Assignment
- License
- Security Agreement
- Nunc Pro Tunc Assignment  
Effective Date  
Month Day Year \_\_\_\_\_
- Merger
- Change of Name
- Other \_\_\_\_\_

Conveying Party

Mark if additional names of conveying parties attached

Execution Date  
Month Day Year

Name Jeffrey Mining Products L.P.

06 14 1999

Formerly \_\_\_\_\_

- Individual
- General Partnership
- Limited Partnership
- Corporation
- Association
- Other \_\_\_\_\_
- Citizenship/State of Incorporation/Organization Ohio

Receiving Party

Mark if additional names of receiving parties attached

Name Long-Airdox Company

DBA/AKA/TA \_\_\_\_\_

Composed of \_\_\_\_\_

Address (line 1) Virginia Tech Corporate Research Center

Address (line 2) 1750 Kraft Drive

Address (line 3) Blacksburg  
City

Virginia  
State/Country

24060  
Zip Code

- Individual
- General Partnership
- Limited Partnership
- Corporation
- Association
- Other \_\_\_\_\_
- Citizenship/State of Incorporation/Organization Delaware

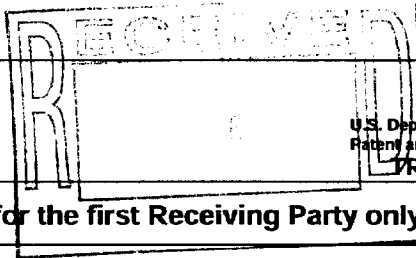
If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

07/27/1999 DNGUYEN 00000434 342150

FOR OFFICE USE ONLY

01 FC:481  
02 FC:482

40.00 OP  
150.00 OP



**Domestic Representative Name and Address**

Enter for the first Receiving Party only

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Correspondent Name and Address**

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

#

**Trademark Application Number(s) or Registration Number(s)**

Mark if additional numbers attached

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

**Trademark Application Number(s)**

<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

**Registration Number(s)**

<input type="text" value="342,150"/>	<input type="text" value="514,434"/>	<input type="text" value="536,380"/>
<input type="text" value="513,706"/>	<input type="text" value="1,743,023"/>	<input type="text" value="797,097"/>
<input type="text" value="822,733"/>	<input type="text"/>	<input type="text"/>

**Number of Properties**

Enter the total number of properties involved.

#

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41):

\$

Method of Payment:

Enclosed

Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

Authorization to charge additional fees:

Yes

No

**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. Charges to deposit account are authorized, as indicated herein.

Thomas W. Ryan

Name of Person Signing

Signature

Date Signed

*July 22, 1999*

**TRADEMARK ASSIGNMENT**

**WHEREAS**, Jeffrey Mining Products, L.P., a limited partnership organized and existing under the laws of the State of Ohio, having a principal place of business at 14 Water Street, Chagrin Fall, Ohio 44022, is or was the owner of all rights, title and interest in and to the trademarks described upon the attached Trademark Schedule; and

**WHEREAS**, Long-Airdox Company, a corporation organized under the laws of the State of Delaware, having a principal place of business at Virginia Tech Corporate Research Center, 1750 Kraft Drive, Blacksburg, Virginia 24060, is desirous of acquiring the trademarks described upon the attached Trademark Schedule.

**NOW, THEREFORE**, for One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Jeffrey Mining Products, L.P. does hereby sell, assign and transfer unto Long-Airdox Company such right, title and interest, if any, as the undersigned may have in and to the trademarks described upon the attached Trademark Schedule, together with the goodwill associated therewith, including, without limitation, all rights to sue and recover for past, present and future infringements of such trademarks.

Date: June 14, 1999

Jeffrey Mining Products, L.P.

By: Jeffrey Mining Products, Inc.  
General Partner

By: *John P. O'Brien*  
John P. O'Brien, Co-Chairman and  
President

State of Illinois )  
                                  )  
County of Cook    )

On this 14th day of June, 1999, before me personally appeared John P. O'Brien, to me known, who being duly sworn, did depose and say he is the President of the General Partner of Jeffrey Mining Products, L.P. and that he executed the foregoing assignment of his own free will for the purpose therein expressed.

*Cathleen Franczyk*  
Notary Public  
**OFFICIAL SEAL**  
NOTARY PUBLIC, STATE OF ILLINOIS  
MY COMMISSION EXPIRES: 08/15/00

TRADEMARK SCHEDULE  
Jeffrey Mining Products, L.P.

**Registered Trademarks**

Trademark	Country	Registration No.	File Date	Issue Date
Aerodyne	United States	342150	8/15/36	1/5/37
Jeffrey	United States	514434	12/5/47	8/30/49
Jeffrey	United States	536380	12/5/47	1/16/51
Jeffrey	United States	513706	12/5/47	8/16/49
Jeffrey	United States	1743023	9/13/91	12/29/92
Mineline	United States	797097	6/11/64	10/5/65
Ramcar	United States	822733	10/22/65	1/24/67