

EXHIBIT 67

Additional Certificate of Registration of a Claim to Copyright

This is to certify that the statements set forth
in the attached have been made a part of the
records of the Copyright Office with claim
of copyright registered under number

In testimony whereof, the seal of this office
is affixed hereto on



TX 2-866-002

October 2, 2019

A handwritten signature in blue ink, reading "Kay A. Leahy".

United States Register of Copyrights and Director

FORM SE
UNITED STATES COPYRIGHT OFFICE

REGISTRATION NUMBER **TX 2-866-002**

EFFECTIVE DATE OF REGISTRATION
 7 33 90
Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

TITLE OF THIS SERIAL ▼
 1990 Annual Book of ASTM Standards: **WATER (1)**

Volume ▼ 11.01	Number ▼ 11	Date on Copies ▼ APRIL 1990	Frequency of Publication ▼ ANNUAL
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PREVIOUS OR ALTERNATIVE TITLES ▼

NAME OF AUTHOR ▼ American Society for Testing and Materials	DATES OF BIRTH AND DEATH Year Born ▼ Year Died ▼
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Was this contribution to the work a "work made for hire"? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	AUTHOR'S NATIONALITY OR DOMICILE Name of Country OR { Citizen of ► Domiciled in ► United States	WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK Anonymous? <input type="checkbox"/> Yes <input type="checkbox"/> No Pseudonymous? <input type="checkbox"/> Yes <input type="checkbox"/> No	<small>If the answer to either of these questions is "Yes," see detailed instructions.</small>
---	---	---	--

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed ▼
 Collective Work Other

NAME OF AUTHOR ▼	DATES OF BIRTH AND DEATH Year Born ▼ Year Died ▼
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 Collective Work Other

YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED 1990	DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE Complete this information ONLY if this work has been published. Month ► 5 Day ► 15 Year ► 90 U.S.A. Nation
---	--

COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the same as the author given in space 2. ▼
American Society for Testing & Materials
 1916 Race Street
 Philadelphia, PA 19103

TRANSFER If the claimant(s) named here in space 4 are different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright. ▼

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JUL 23 1990
 ONE DEPOSIT RECEIVED
 TWO DEPOSITS RECEIVED
JUL 23 1990
 REMITTANCE NUMBER AND DATE



NOTE
 Under the law the "author" of a "work made for hire" is generally the employer, not the employee (see instructions). For any part of this work that was "made for hire" check "Yes" in the space provided; give the employer (or other person for whom the work was prepared) as "Author" of that part; and leave the space for dates of birth and death blank.

3
4
 See instructions before completing this space.

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TX 2-866-002

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PREVIOUS REGISTRATION Has registration for this issue, or for an earlier version of this particular issue, already been made in the Copyright Office?

Yes No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼

- a. This is the first published version of an issue previously registered in unpublished form
- b. This is the first application submitted by this author as copyright claimant.
- c. This is a changed version of this issue, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number ▼

Year of Registration ▼

TX 2 608 389

1989

DERIVATIVE WORK OR COMPILATION Complete both space 6a & 6b for a derivative work; complete only 6b for a compilation.

a. Preexisting Material Identify any preexisting work or works that this work is based on or incorporates ▼
1988 Annual Book of ASTM Standards, Section 11 Volume 11.0

b. Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed ▼
Compilation of previous published text plus additional text.

MANUFACTURERS AND LOCATIONS If this is a published work consisting preponderantly of nondramatic literary material in English, the law may require that the copies be manufactured in the United States or Canada for full protection. If so, the names of the manufacturers who performed certain processes, and the places where these processes were performed must be given. See instructions for details.

Names of Manufacturers ▼

Places of Manufacture ▼

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Easton, MD

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a. Copies and Phonorecords

b. Copies Only

c. Phonorecords Only

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.
Name ▼ Account Number ▼

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address Apt./City/State/Zip ▼

R. L. Meltzer, ASTM

1916 Race Street

Philadelphia, PA 19103

Area Code & Telephone Number ▶

(215) 299-5431

CERTIFICATION* I, the undersigned, hereby certify that I am the

Check one ▶

- author
- other copyright claimant
- owner of exclusive right(s) American Society
- authorized agent of for Testing and Materials

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name and date ▼ If this is a published work, this date must be the same as or later than the date of publication given in space 3.

Robert L. Meltzer

date ▶ 6-1-90

Handwritten signature (X) Robert L. Meltzer

MAIL CERTIFICATE TO

Certificate will be mailed in window envelope

Name ▼	Kathleen M. Hooper
Number/Street/Apartment Number ▼	ASTM, 1916 Race Street
City/State/ZIP ▼	Philadelphia, PA 19103

Have you:

- Completed all necessary spaces?
- Signed your application in space 10?
- Enclosed check or money order for \$10 payable to Register of Copyrights?
- Enclosed your deposit material with the application and fee?

MAIL TO: Register of Copyrights, Library of Congress, Washington, D.C. 20559.

* 17 U.S.C. § 505(e): Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

5

6

See instructions before completing this space

7

8

See instructions

9

Be sure to give your daytime phone number

10

11

EXHIBIT 68

UNITED STATES COPYRIGHT OFFICE

REGISTRATION NUMBER	
TX	1-152-729
TX	TXU
EFFECTIVE DATE OF REGISTRATION	
APR 18 1983	
(Month)	(Day) (Year)

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1 Title	TITLE OF THIS WORK: 1983 Annual Book of ASTM Standards Section 6 Volume 06.03 Paint Fatty Oils and Acids, Solvents <small>If a periodical or serial give Vol. No. Issue Date</small>	PREVIOUS OR ALTERNATIVE TITLES:
	PUBLICATION AS A CONTRIBUTION: (If this work was published as a contribution to a periodical, serial, or collection, give information about the collective work in which the contribution appeared.) <small>Title of Collective Work Vol. No. Date Pages</small>	

2 Author(s)	IMPORTANT: Under the law, the "author" of a "work made for hire" is generally the employer, not the employee (see instructions). If any part of this work was "made for hire" check "Yes" in the space provided, give the employer (or other person for whom the work was prepared) as "Author" of that part, and leave the space for dates blank.							
	1	<table border="1"> <tr> <td>NAME OF AUTHOR: American Society for Testing and Materials <small>Was this author's contribution to the work a "work made for hire"? Yes <input checked="" type="checkbox"/> No</small></td> <td>DATES OF BIRTH AND DEATH: Born _____ Died _____ <small>(Year) (Year)</small></td> </tr> <tr> <td>AUTHOR'S NATIONALITY OR DOMICILE: Citizen of _____ } or } Domiciled in U.S.A. <small>(Name of Country) (Name of Country)</small></td> <td>WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: Anonymous? Yes _____ No _____ Pseudonymous? Yes _____ No _____ <small>If the answer to either of these questions is "Yes," see detailed instructions attached.</small></td> </tr> <tr> <td>AUTHOR OF: (Briefly describe nature of this author's contribution) Entire Text</td> <td></td> </tr> </table>	NAME OF AUTHOR: American Society for Testing and Materials <small>Was this author's contribution to the work a "work made for hire"? Yes <input checked="" type="checkbox"/> No</small>	DATES OF BIRTH AND DEATH: Born _____ Died _____ <small>(Year) (Year)</small>	AUTHOR'S NATIONALITY OR DOMICILE: Citizen of _____ } or } Domiciled in U.S.A. <small>(Name of Country) (Name of Country)</small>	WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: Anonymous? Yes _____ No _____ Pseudonymous? Yes _____ No _____ <small>If the answer to either of these questions is "Yes," see detailed instructions attached.</small>	AUTHOR OF: (Briefly describe nature of this author's contribution) Entire Text	
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AUTHOR'S NATIONALITY OR DOMICILE: Citizen of _____ } or } Domiciled in _____ <small>(Name of Country) (Name of Country)</small>	WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: Anonymous? Yes _____ No _____ Pseudonymous? Yes _____ No _____ <small>If the answer to either of these questions is "Yes," see detailed instructions attached.</small>							
AUTHOR OF: (Briefly describe nature of this author's contribution)								

3 Creation and Publication	YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED: Year 1983 <small>(This information must be given in all cases.)</small>	DATE AND NATION OF FIRST PUBLICATION: Date February 15 1983 <small>(Month) (Day) (Year)</small> Nation United States <small>(Name of Country)</small> <small>(Complete this block ONLY if this work has been published.)</small>
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4 Claimant(s)	NAME(S) AND ADDRESS(ES) OF COPYRIGHT CLAIMANT(S): American Society for Testing and Materials 1916 Race Street Philadelphia, PA 19103
	TRANSFER: (If the copyright claimant(s) named here in space 4 are different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright.)

• Complete all applicable spaces (numbers 5-11) on the reverse side of this page
• Follow detailed instructions attached • Sign the form at line 10

TX 1-152-729	EXAMINED BY	APPLICATION RECEIVED	FOR COPYRIGHT OFFICE USE ONLY
	CHECKED BY	18 APR 1983 09 AUG 1983	
	CORRESPONDENCE	DEPOSIT RECEIVED	
	<input checked="" type="checkbox"/> Yes	18 APR 1983 18 APR 1983	
	DEPOSIT ACCOUNT FUNDS USED	REMITTANCE NUMBER AND DATE	
	<input type="checkbox"/>	186981 APR 1883	

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COMPILATION OR DERIVATIVE WORK: (See instructions) PREEXISTING MATERIAL (Identify any preexisting work or works that this work is based on or incorporates.) { 1982 Annual Book of ASTM Standards Part 29 MATERIAL ADDED TO THIS WORK (Give a brief, general statement of the material that has been added to this work and in which copyright is claimed.) { Compilation of previously published text plus additional text.	<div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">6</div> <p style="text-align: center; margin: 0;">Compilation or Derivative Work</p>
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MANUFACTURERS AND LOCATIONS: (If this is a published work consisting preponderantly of nondramatic literary material in English, the law may require that the copies be manufactured in the United States or Canada for full protection. If so, the names of the manufacturers who performed certain processes, and the places where these processes were performed must be given. See instructions for details.)		<div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">7</div> <p style="text-align: center; margin: 0;">Manufacturing</p>
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DEPOSIT ACCOUNT: (If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.) Name: _____ Account Number: _____	CORRESPONDENCE: (Give name and address to which correspondence about this application should be sent.) Name Robert L. Meltzer, ASTM Address 1916 Race Street Philadelphia, PA 19103 (City) (State) (Apt.) (ZIP)	<div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">9</div> <p style="text-align: center; margin: 0;">Fee and Correspondence</p>
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CERTIFICATION: * I, the undersigned, hereby certify that I am the: (Check one) American Society for Testing and Materials <input type="checkbox"/> author <input type="checkbox"/> other copyright claimant <input type="checkbox"/> owner of exclusive right(s) <input checked="" type="checkbox"/> authorized agent of of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.	<div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">10</div> <p style="text-align: center; margin: 0;">Certification (Application must be signed)</p>
Handwritten signature: (X) Typed or printed name Robert L. Meltzer Date 3/17/83	

<div style="border: 1px solid black; border-radius: 15px; padding: 5px;"> American Society for Testing and Materials (Name) 1916 Race Street (Number, Street and Apartment Number) Philadelphia, Pa 19103 (City) (State) (ZIP code) </div>	<div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">11</div> <p style="text-align: center; margin: 0;">Address For Return of Certificate</p> <p style="text-align: center; margin: 0;">MAIL CERTIFICATE TO</p> <p style="text-align: center; margin: 0;">(Certificate will be mailed in window envelope)</p>
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• 17 U.S.C. § 506(e): Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

EXHIBIT 69

FORM SE
UNITED STATES COPYRIGHT OFFICE

REGISTRATION NUMBER

TX 4-145-800



#TX004145800

EFFECTIVE DATE OF REGISTRATION

8 30 95
Month Day Year

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1

TITLE OF THIS SERIAL

1995 Annual Book of ASTM Standards;

Rubber, Natural and Synthetic - General Test Methods
Carbon Black

Volume

Number

Date on Copies

Frequency of Publication

09

01

July 1995

Annual

PREVIOUS OR ALTERNATIVE TITLES

2

NAME OF AUTHOR

American Society for Testing and Materials

DATES OF BIRTH AND DEATH
Year Born Year Died

Was this contribution to the work a "work made for hire"?

Yes
 No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country

OR { Citizen of
Domiciled in United States

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? Yes No
Pseudonymous? Yes No

If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed.

Collective Work Other: Entire Text

NAME OF AUTHOR

DATES OF BIRTH AND DEATH
Year Born Year Died

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Collective Work Other:

3

YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED

1995 Year

This information must be given in all cases.

DATE AND NATION OF PUBLICATION OF THIS PARTICULAR ISSUE

Complete this information ONLY if this work has been published. Month August Day 24 Year 1995 U.S.A. Nation

4

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American Society for Testing & Materials
1916 Race Street
Philadelphia, PA 19103-1187

TRANSFER If the claimant(s) named here in space 4 are different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright.

APPLICATION RECEIVED

AUG 30 1995

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TWO DEPOSITS RECEIVED

AUG 30 1995

REMITTANCE NUMBER AND DATE

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- Sign the form at line 10

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075571863

NOTE

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FORM SE

CHECKED BY

CORRESPONDENCE
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PREVIOUS REGISTRATION Has registration for this issue, or for an earlier version of this particular issue, already been made in the Copyright Office?

Yes No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼

- a. This is the first published version of an issue previously registered in unpublished form
- b. This is the first application submitted by this author as copyright claimant.
- c. This is a changed version of this issue, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number ▼

Year of Re-registration ▼

TX# 3-883-981

1994

DERIVATIVE WORK OR COMPILATION Complete both space 6a & 6b for a derivative work; complete only 6b for a compilation.

a. Preexisting Material Identify any preexisting work or works that this work is based on or incorporates. ▼

1994 Annual Book of ASTM Standards, Section 09, Volume 01.

b. Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼

Compilation of previous published text plus additional text.

—space deleted—

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Copies and Phonorecords

Copies Only

Phonorecords Only

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Name ▼ American Society for Testing and Materials Account Number ▼

DA 078328

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address/Apt/City/State/Zip ▼

Robert L. Meltzer, ASTM

1916 Race Street

Philadelphia, PA 19103-1187

Area Code & Telephone Number ▶ 215-299-5431

CERTIFICATION* I, the undersigned, hereby certify that I am the

Check one ▶

author

other copyright claimant

owner of exclusive right(s)

authorized agent of American Society

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Name of author or other copyright claimant, or owner of exclusive right(s) ▲

Typed or printed name and date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date.

Robert L. Meltzer

date: August 24, 1995

Handwritten signature (X) ▼

MAIL
CERTIFI-
CATE TO

Certificate
will be
mailed in
window
envelope

Name ▼

Kathe Hooper, ASTM

Number Street Apartment Number ▼

1916 Race Street

City State ZIP ▼

Philadelphia, PA 19103-1187

- Complete all necessary spaces
- Sign your application in space 10

1. Application form
2. Nonrefundable \$20 filing fee in check or money order payable to Register of Copyrights
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Library of Congress
Washington, D.C. 20559

* 17 U.S.C. § 506(e). Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

EXHIBIT 70

Additional Certificate of Registration of a Claim to Copyright

This is to certify that the statements set forth
in the attached have been made a part of the
records of the Copyright Office with claim
of copyright registered under number

In testimony whereof, the seal of this office
is affixed hereto on



TX 3-840-415

October 1, 2019

A handwritten signature in blue ink, reading "Kay A. Leslie".

United States Register of Copyrights and Director

FORM SE
UNITED STATES COPYRIGHT OFFICE

REGISTRATION NUMBER

TX 3-840-415
[Barcode]

EFFECTIVE DATE OF REGISTRATION

5 27 94
Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

1 TITLE OF THIS SERIAL
1994 Annual Book of ASTM Standards. *Petroleum Products, Lubricants, and Fossil Fuels: Petroleum Products and Lubricants (1): 4-56 - 4-596*

Volume: 05 Number: 01 Date on Copies: February, 1994 Frequency of Publication: Annual
PREVIOUS OR ALTERNATIVE TITLES

2 NAME OF AUTHOR: American Society for Testing and Materials
DATES OF BIRTH AND DEATH: Year Born Year Died
Was this contribution to the work a "work made for hire"? Yes
AUTHOR'S NATIONALITY OR DOMICILE: Citizen of United States
WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: Anonymous? Yes No Pseudonymous? Yes No
NATURE OF AUTHORSHIP: Entire Text

NOTE

NAME OF AUTHOR: [Blank]
DATES OF BIRTH AND DEATH: Year Born Year Died
Was this contribution to the work a "work made for hire"? Yes No
AUTHOR'S NATIONALITY OR DOMICILE: Citizen of Domiciled in
WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: Anonymous? Yes No Pseudonymous? Yes No
NATURE OF AUTHORSHIP: [Blank]

695272593
[Barcode]

NAME OF AUTHOR: [Blank]
DATES OF BIRTH AND DEATH: Year Born Year Died
Was this contribution to the work a "work made for hire"? Yes No
AUTHOR'S NATIONALITY OR DOMICILE: Citizen of Domiciled in
WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK: Anonymous? Yes No Pseudonymous? Yes No
NATURE OF AUTHORSHIP: [Blank]

3 4 YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED: 1994
DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE: February 18, 1994 U.S.A.

4 COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the same as the author given in space 2:
American Society for Testing & Materials
1916 Race Street
Philadelphia, PA 19103-1187

TRANSFER If the claimant(s) named here in space 4 are different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright.

APPLICATION RECEIVED APR 19 1994
ONE DEPOSIT RECEIVED
TWO DEPOSITS RECEIVED APR 18 1994
REMITTANCE NUMBER AND DATE
FUNDS RECEIVED MAY 27 1994

CHECKED BY Lee
CORRESPONDENCE
 YES

FOR
COPYRIGHT
OFFICE
USE
ONLY

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

PREVIOUS REGISTRATION Has registration for this issue, or for an earlier version of this particular issue, already been made in the Copyright Office?

- Yes No If your answer is "Yes," why is another registration being sought? Check appropriate box:
 - a. This is the first published version of an issue previously registered in unpublished form.
 - b. This is the first application submitted by this author as copyright claimant.
 - c. This is a changed version of this issue, as shown by space 6 on this application.

5

If your answer is "Yes," give: Previous Registration Number TIS 3-512-412 Year of Registration 1993

DERIVATIVE WORK OR COMPILATION Complete both space 6a & 6b for a derivative work, complete only 6b for a compilation.

a. **Preexisting Material** Identify any preexisting work or works that this work is based on or incorporates. 1993 Annual Book of ASTM Standards, Section 05, Volume 01

6

b. **Material Added to This Work** Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. Compilation of previous published text plus additional text.

See instructions before completing this space

—space deleted—

7

REPRODUCTION FOR USE OF BLIND OR PHYSICALLY HANDICAPPED INDIVIDUALS

A signature on this form at space 10, and a check in one of the boxes here in space 8, constitutes a non-exclusive grant of permission to the Library of Congress to reproduce and distribute solely for the blind and physically handicapped and under the conditions and limitations prescribed by the regulations of the Copyright Office: (1) copies of the work identified in space 1 of this application in Braille (or similar tactile symbols); or (2) phonorecords embodying a fixation of a reading of that work; or (3) both

- Copies and Phonorecords
- Copies Only
- Phonorecords Only

See instructions

8

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account. Name Account Number

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name Address Apt. City State Zip

Robert L. Meltzer, ASTM
1916 Race Street
Philadelphia, PA 19103-1187
Area Code & Telephone Number 215-299-5431

Be sure to give your daytime phone number

9

CERTIFICATION I, the undersigned, hereby certify that I am the
of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge

- Check one author
 other copyright claimant
 owner of exclusive right(s)
 authorized agent of American Society for Testing and Materials
Name of author or other copyright claimant or owner of exclusive right(s)

10

Typed or printed name and date Robert L. Meltzer date March 10, 1974

Handwritten signature (X) Robert L. Meltzer

MAIL CERTIFICATE TO
Certificates will be mailed in window envelopes

Name Kathe Hooper, ASTM
 Number Street, Apartment Number 1916 Race Street
 City, State, ZIP Philadelphia, PA 19103-1187

11

1. Application form
 2. Nonrefundable \$20 filing fee in check or money order payable to Registrar of Copyrights
 3. Deposit receipts
 Registrar of Copyrights
 Library of Congress
 Washington, D.C. 20540

* 17 USC § 304(e) Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409 or in any written statement filed in connection with the application, shall be fined not more than \$2,500

EXHIBIT 71

CERTIFICATE OF REGISTRATION



This Certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

TX 4-497-877



EFFECTIVE DATE OF REGISTRATION

JUN 24 1991

Month Day Year

Marybeth Peters

REGISTER OF COPYRIGHTS

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

TITLE OF THIS SERIAL ▼

1997 Annual Book of ASTM Standards: *Water and Environmental Technol*
Water (1)

Volume ▼

11

Number ▼

*02**

Date on Copies ▼

May '97

Frequency of Publication ▼

Annual

PREVIOUS OR ALTERNATIVE TITLES ▼

2 NAME OF AUTHOR ▼

American Society for Testing and Materials

DATES OF BIRTH AND DEATH

Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?

Yes
 No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country

OR { Citizen of ►
Domiciled in ► *United States*

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? Yes No
Pseudonymous? Yes No

If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼

Collective Work Other: *Entire Text*

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH

Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?

Yes
 No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country

OR { Citizen of ►
Domiciled in ►

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? Yes No
Pseudonymous? Yes No

If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼

Collective Work Other:

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH

Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?

Yes
 No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country

OR { Citizen of ►
Domiciled in ►

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? Yes No
Pseudonymous? Yes No

If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼

Collective Work Other:

YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED This information must be given in all cases.

1997 ◀ Year

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE

Complete this information ONLY if this work has been published. Month *June* Day *9* Year *1997* U.S.A. ◀ Na

COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the same as the author given in space 2. ▼

American Society for Testing & Materials
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959

APPLICATION RECEIVED

JUN 24 1997

ONE DEPOSIT RECEIVED

TWO DEPOSITS RECEIVED

JUN 24 1997

REMITTANCE NUMBER AND DATE

TRANSFER If the claimant(s) named here in space 4 are different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright. ▼

DO NOT WRITE HERE OFFICE USE ONLY

MORE ON BACK ►

- Complete all applicable spaces (numbers 5-11) on the reverse side of this page
- See detailed instructions
- Sign the form at line 10

DO NOT WRITE HERE

NOTE

Under the law the author of a work made for hire is generally the employer not the employee (see instructions) For any part of this work that was made for hire check "Yes" in the space provided give the employer for other person for whom the work was prepared) as "Author" of that part and leave the space for dates of birth and death blank

092431088



* 092431088 *

CHECKED BY mcc
 CORRESPONDENCE Yes

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PREVIOUS REGISTRATION Has registration for this issue, or for an earlier version of this particular issue, already been made in the Copyright Office?

- Yes No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼
- a. This is the first published version of an issue previously registered in unpublished form.
- b. This is the first application submitted by this author as copyright claimant.
- c. This is a changed version of this issue, as shown by space 6 on this application

5

If your answer is "Yes," give: Previous Registration Number ▼ Year of Registration ▼
TH# 4-857-833 1996

DERIVATIVE WORK OR COMPILATION Complete both space 6a & 6b for a derivative work; complete only 6b for a compilation.

a. **Preexisting Material** Identify any preexisting work or works that this work is based on or incorporates. ▼
1997 Annual Book of ASTM Standards, Section 11, Volume 01.

6

b. **Material Added to This Work** Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼
Compilation of previous published text plus additional text.

See instructions before completing this space

—space deleted—

7

REPRODUCTION FOR USE OF BLIND OR PHYSICALLY HANDICAPPED INDIVIDUALS A signature on this form at space 10, and a check in one of the boxes here in space 8, constitutes a non-exclusive grant of permission to the Library of Congress to reproduce and distribute solely for the blind and physically handicapped and under the conditions and limitations prescribed by the regulations of the Copyright Office: (1) copies of the work identified in space 1 of this application in Braille (or similar tactile symbols); or (2) phonorecords embodying a fixation of a reading of that work; or (3) both.

- a Copies and Phonorecords
- b Copies Only
- c Phonorecords Only

See instructions

8

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.
Name ▼ American Society for Testing and Materials Account Number ▼ DA078328

9

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name Address Apt City State Zip ▼
Robert L. Meltzer, ASTM
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Area Code & Telephone Number ▶ 610-832-9632

Be sure to give your daytime phone number

CERTIFICATION* I, the undersigned, hereby certify that I am the
Check one ▶ author
 other copyright claimant
 owner of exclusive right(s)
 authorized agent of American Society for Testing and Materials
Name of author or other copyright claimant, or owner of exclusive right(s) ▶

10

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.
Name of author or other copyright claimant, or owner of exclusive right(s) ▶
Typed or printed name and date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date.
Robert L. Meltzer date ▶ June 19, 1997

Handwritten signature (X) ▼
Robert L. Meltzer

MAIL CERTIFICATE TO
Certificate will be mailed in window envelope

Name ▼	<u>Judy Helm, ASTM</u>
Number Street Apartment Number ▼	<u>100 Barr Harbor Drive</u>
City State ZIP ▼	<u>West Conshohocken, PA 19428-2959</u>

YOU MUST

- Complete all necessary spaces
- Sign your application in space 10

FIND ALL 3 ELEMENTS IN THE SAME PACKAGE

1. Application form
2. Nonrefundable \$20 filing fee in check or money order payable to Register of Copyrights
3. Deposit material

MAIL TO
Register of Copyrights
Library of Congress
Washington, D.C. 20559

Copyright fees are adjusted at 5-year intervals, based on increases or decreases in the Consumer Price Index. The next adjustment is due in 1998. Contact the Copyright Office in January 1998 for the new fee schedule.

11

* 17 U.S.C. § 506(e) Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

EXHIBIT 72

TX 2 081 531

EFFECTIVE DATE OF REGISTRATION

5 28 87
Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

1

TITLE OF THIS SERIAL ▼ 1987 Annual Book of ASTM Standards, Water (I)

Volume ▼ 11.01 Number ▼ 11 Date on Copies ▼ April 1987 Frequency of Publication ▼ Annual

PREVIOUS OR ALTERNATIVE TITLES ▼

2

NAME OF AUTHOR ▼ American Society for Testing and Materials

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?
 Yes No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country
OR { Citizen of ▼ Domiciled in ▼ United States

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
Anonymous? Yes No
Pseudonymous? Yes No

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼
 Collective Work Other: Entire Text

b

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?
 Yes No

AUTHOR'S NATIONALITY OR DOMICILE
Name of country
OR { Citizen of ▼ Domiciled in ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
Anonymous? Yes No
Pseudonymous? Yes No

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼
 Collective Work Other:

c

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?
 Yes No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country
OR { Citizen of ▼ Domiciled in ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
Anonymous? Yes No
Pseudonymous? Yes No

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼
 Collective Work Other:

3

YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED 1987

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE
Month ▼ April Day ▼ 29 Year ▼ 1987
U. S. A. Nation

4

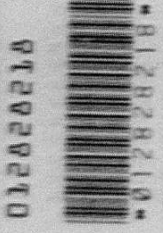
COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the same as the author given in space 2. ▼
American Society for Testing and Materials
1916 Race Street
Philadelphia, PA 19103

TRANSFER If the claimant(s) named here in space 4 are different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright. ▼

APPLICATION RECEIVED MAY 28, 1987
ONE DEPOSIT RECEIVED
TWO DEPOSITS RECEIVED MAY 28, 1987
REMITTANCE NUMBER AND DATE

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NOTE
Under the law, the "author" of a "work made for hire" is generally the employer.



TX 2 081 531

CHECKED BY

CORRESPONDENCE
Yes

DEPOSIT ACCOUNT
FUNDS USED

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OFFICE
USE
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PREVIOUS REGISTRATION Has registration for this issue, or for an earlier version of this particular issue, already been made in the Copyright Office?

Yes No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼

a. This is the first published version of an issue previously registered in unpublished form.

b. This is the first application submitted by this author as copyright claimant.

c. This is a changed version of this issue, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number ▼

Year of Registration ▼

TX 1-R1A-323

1986

DERIVATIVE WORK OR COMPILATION Complete both space 6a & 6b for a derivative work, complete only 6b for a compilation.

a. **Preexisting Material** Identify any preexisting work or works that this work is based on or incorporates. ▼

1986 Annual Book of ASTM Standards Section 11, Volume 11.01

b. **Material Added to This Work** Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼

Compilation of previous published text plus additional text.

MANUFACTURERS AND LOCATIONS If this is a published work consisting preponderantly of nondramatic literary material in English, the law may require that the copies be manufactured in the United States or Canada for full protection. If so, the names of the manufacturers who performed certain processes, and the places where these processes were performed must be given. See instructions for details.

Names of Manufacturers ▼

Places of Manufacture ▼

Waverly Press, Inc

Easton, MD

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Copies and Phonorecords

b Copies Only

c Photorecords Only

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Name ▼

Account Number ▼

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address/Apt./City/State/Zip ▼

R. L. Meltzer, ASTM

1916 Race Street

Philadelphia, PA 19103

Area Code & Telephone Number ▶

215-299-5431

CERTIFICATION* I, the undersigned, hereby certify that I am the

Check one ▶

author

other copyright claimant

owner of exclusive right(s) American Society for

authorized agent of Testing and Materials

Name of author or other copyright claimant, or owner of exclusive right(s) ▶

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name and date ▼ If this is a published work, this date must be the same as or later than the date of publication given in space 3.

Robert L. Meltzer

date ▶ 5/18/87



Handwritten signature (X) ▼

MAIL CERTIFICATE TO

Certificate will be mailed in window envelope

Name ▼

Kathe Scholl, ASTM

Number/Street/Apartment Number ▼

1916 Race Street

City/State/Zip ▼

Philadelphia, PA 19103

Have you:

- Completed all necessary spaces?
- Signed your application in space 10?
- Enclosed check or money order for \$10 payable to Register of Copyrights?
- Enclosed your deposit material with the application and fee?

MAIL TO: Register of Copyrights, Library of Congress, Washington, D.C. 20559

* 17 U.S.C. § 506(e): Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 405, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

5

6

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10

11

EXHIBIT 73



This Certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

TX 5-071-596

Marybeth Peters 3 29 00
 Month Day Year

EFFECTIVE DATE OF REGISTRATION

REGISTER OF COPYRIGHTS
 United States of America

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

1 TITLE OF THIS SERIAL ▼

2000 Annual Book of ASTM Standards: Petroleum products and Lubricants(I): D 56- D 2596

Volume ▼	Number ▼	Date on Copies ▼	Frequency of Publication
05.01	05	February 2000	Annual

PREVIOUS OR ALTERNATIVE TITLES ▼

2 a NAME OF AUTHOR ▼

American Society for Testing and Materials

DATES OF BIRTH AND DEATH
 Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?
 Yes
 No

AUTHOR'S NATIONALITY OR DOMICILE
 Name of Country
 OR { Citizen of ►
 Domiciled in ► United States

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
 Anonymous? Yes No
 Pseudonymous? Yes No
If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼

Collective Work Other: Entire text

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH
 Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?
 Yes
 No

AUTHOR'S NATIONALITY OR DOMICILE
 Name of Country
 OR { Citizen of ►
 Domiciled in ►

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
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Collective Work Other:

NAME OF AUTHOR ▼

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 Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?
 Yes
 No

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 Name of Country
 OR { Citizen of ►
 Domiciled in ►

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
 Anonymous? Yes No
 Pseudonymous? Yes No
If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼

Collective Work Other:

3 a YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED

2000 Year
This information must be given in all cases.

b DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE

Complete this information ONLY if this work has been published.
 Month ► February Day ► 2 Year ► 2000
 United States Nation

4 COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the same as the author given in space 2. ▼

American Society for Testing and Materials
 100 Barr Harbor Drive
 West Conshohocken, PA 19428-2959

TRANSFER If the claimant(s) named here in space 4 are different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright.

DO NOT WRITE HERE OFFICE USE ONLY
 APPLICATION RECEIVED
 MAR 29, 2000
 ONE DEPOSIT RECEIVED
 TWO DEPOSITS RECEIVED
 MAR 29, 2000
 REMITTANCE NUMBER AND DATE

MORE ON BACK ► • Complete all applicable spaces (numbers 5-11) on the reverse side of this page.
 • See detailed instructions. • Sign the form at line 10.

DO NOT WRITE HERE
 Page 1 of 2 pages

CHECKED BY *Mec*

CORRESPONDENCE Yes

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PREVIOUS REGISTRATION Has registration for this issue, or for an earlier version of this particular issue, already been made in the Copyright Office?

Yes No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼

- a. This is the first published version of an issue previously registered in unpublished form.
- b. This is the first application submitted by this author as copyright claimant.
- c. This is a changed version of this issue, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number ▼ Year of Registration

5

DERIVATIVE WORK OR COMPILATION Complete both space 6a & 6b for a derivative work; complete only 6b for a compilation.

a. Preexisting Material Identify any preexisting work or works that this work is based on or incorporates. ▼
1999 Annual Book of ASTM Standards, Section 05.01

6

b. Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼
Compilation of previous published text plus additional text.

See instructions before completing this space

---space deleted---

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- a. Copies and Phonorecords
- b. Copies Only
- c. Phonorecords Only

See instructions

8

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Name ▼ American Society for Testing and Materials Account Number ▼ DA078328

9

CORRESPONDENCE Give name and address to which correspondence about this application should be sent.

Name/Address/Apt/City/State/ZIP
Kathe Hooper, American Society for Testing and Materials
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959

Area Code & Telephone Number ▶ (610) 832-9634

Be sure to give your daytime phone number

CERTIFICATION* I, the undersigned, hereby certify that I am the

- Check only one ▶
- author
 - other copyright claimant
 - owner of exclusive right(s)
 - authorized agent of American Society for Testing & Materials

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge. Name of author or other copyright claimant, or owner of exclusive right(s) ▲

Typed or printed name and date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date.

Robert L. Meltzer

date ▶ 10/07

10

Handwritten signature (X) ▼

Robert L. Meltzer

MAIL CERTIFICATE TO

Name ▼	Kathe Hooper, ASTM
Number/Street/Apartment Number ▼	100 Barr Harbor Drive
City/State/ZIP	West Conshohocken, PA 19428-2959

Certificate will be mailed in window envelope

YOU MUST
• Complete all necessary spaces
• Sign your application in space 10

SEND ALL 3 ELEMENTS IN THE SAME PACKAGE

1. Application form
2. Nonrefundable \$20 filing fee in check or money order payable to Register of Copyrights
3. Deposit material

MAIL TO
Register of Copyrights
Library of Congress
Washington, D.C. 20559

11
The Copyright Office has the authority to adjust fees at 5-year intervals, based on changes in the Consumer Price Index. The next adjustment is due in 1996. Please contact the Copyright Office after July 1995 to determine the actual fee schedule.

*17 U.S.C. § 506(e): Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

EXHIBIT 74

Application for Registration of a Claim to Copyright

of a published book manufactured in the United States of America

FORM A	
CLASS	REGISTRATION NO.
A	A 942436
DO NOT WRITE HERE	

Make sure that all applicable spaces have been filled in before you submit the form. The application must be completed and notarized. The application should not be submitted until after the date of publication given in line 4. You should state the facts which existed on that date. For more information, see page 4.

Pages 1 and 2 should be typewritten or printed with pen and ink. Pages 3 and 4 should contain exactly the same information as pages 1 and 2, but may be carbon copies. Mail all pages of the application to the Register of Copyrights, Library of Congress, Washington, D.C., 20540, together with 2 copies of the best edition of the work and the registration fee of \$6. Make your remittance payable to the Register of Copyrights.

Copyright Claimant(s) and Address(es): Give the name(s) and address(es) of the copyright owner(s). Ordinarily the name(s) should be the same as in the notice of copyright on the copies deposited.

American Society for Testing and Materials
 1916 Race Street, Phila., Pa. 19103

Part 24 - 1967 Book of ASTM Standards With Related Material: Textile
 (Give the title of the book as it appears on the title page)

Materials -- Yarns, Fabrics and General Methods (issued Annually in October)

Author: Citizenship and domicile information must be given. Where a work was made for hire, the employer is the author. The citizenship of organizations formed under U.S. Federal or State law should be stated as U.S.A. Authors

may be editors, compilers, translators, illustrators, etc., as well as authors of original text. If the copyright claim is based on new matter (see line 5) give requested information about the author of the new matter.

American Society for Testing and Materials Citizenship U.S.
 (Name of country)

(Give legal name followed by pseudonym if latter appears on the copies)
 1916 Race St., Phila., Pa. 19103
 Domiciled in U.S.A. Yes No Address

Citizenship (Name of country)
 (Give legal name followed by pseudonym if latter appears on the copies)
 Domiciled in U.S.A. Yes No Address

Citizenship (Name of country)
 (Give legal name followed by pseudonym if latter appears on the copies)
 Domiciled in U.S.A. Yes No Address

Citizenship (Name of country)
 (Give legal name followed by pseudonym if latter appears on the copies)
 Domiciled in U.S.A. Yes No Address

Date of Publication of This Edition: Give the complete date when copies of this particular edition were first placed on sale, sold, or publicly distributed. The date when copies were made or printed should not be confused with the date of publication. (NOTE: The full date (month, day, and year) must be given.) For further information, see page 4.
 4 October 1967
 (Month) (Day) (Year)

were made or printed should not be confused with the date of publication. (NOTE: The full date (month, day, and year) must be given.) For further information, see page 4.

(NOTE: Leave line 5 blank unless the following instructions apply to this work.)

New Matter in This Version: If any substantial part of this work has been previously published anywhere, give a brief, general statement of the nature of the new matter published for the first time in this version. New matter may consist of compilation, translation, abridgment, editorial revision, and the like, as well as additional text or pictorial matter.

for the first time in this version. New matter may consist of compilation, translation, abridgment, editorial revision, and the like, as well as additional text or pictorial matter.

The 1967 Book of ASTM Standards consists of 32 parts, of which this volume is one. It contains all current formally approved ASTM standard and tentative specifications, methods of test, recommended practices, and definitions, as well as certain other related material, such as proposed methods. 26% is new material.

NOTE: Leave line 6 blank unless there has been a PREVIOUS FOREIGN EDITION in the English language.

Book in English Previously Manufactured and Published Abroad: If all or a substantial part of the text of this edition was previously manufactured and published abroad in the English language, complete the following spaces:

Date of first publication of foreign edition _____
 (Year)

Was registration for the foreign edition made in the U.S. Copyright Office? Yes No

EXAMINER
 MK

If your answer is "Yes," give registration number _____

Complete all applicable spaces on next page

7. If registration fee is to be charged to a deposit account established in the Copyright Office, give name of account

8. Name and address of person or organization to whom correspondence or refund, if any, should be sent:
Name American Society for Testing and Materials Address 1916 Race St., Phila., Pa. 19103

9. Send certificate to:

(Type or print name and address)

American Society for Testing and Materials
1916 Race Street
Phila., Pa. 19103

10. Certification: (NOTE: Application not acceptable unless signed)
I CERTIFY that the statements made by me in this application are correct to the best of my knowledge.

Albert L. Batik (Signature of copyright claimant or duly authorized agent)

11. Affidavit (required by law.) Instructions: (1) Fill in the blank spaces with special attention to those marked "X". (2) Sign the affidavit before an officer authorized to administer oaths within the United States, such as a notary public. Have the officer sign and seal the affidavit and fill in the date of execution. NOTE: The affidavit must be signed and notarized only on or after the date of publication or completion of printing which it states. The affidavit must be signed by an individual.

STATE OF Pennsylvania
COUNTY OF Philadelphia

- I, the undersigned, depose and say that I am the
 Person claiming copyright in the book described in this application;
 Duly authorized agent of the person or organization claiming copyright in the book described in this application;
 Printer of the book described in this application.

That the book was published or the printing was completed on: (X) 4 October 1967
(Give month, day, and year)

That of the various processes employed in the production of the copies deposited, the setting of the type was performed within the limits of the United States or the making of the plates was performed within the limits of the United States from type set therein; or the lithographic or photoengraving processes used in producing the text were wholly performed within the limits of the United States, and that the printing of the text and the binding (if any) were also performed within the limits of the United States. That such typesetting, platemaking, lithographic or photoengraving process, printing, and binding were performed by the following establishments or individuals at the following addresses:
(GIVE THE NAMES AND ADDRESSES OF THE PERSONS OR ORGANIZATIONS WHO PERFORMED SUCH TYPESETTING OR PLATE MAKING OR LITHOGRAPHIC PROCESS OR PHOTOENGRAVING PROCESS OR PRINTING AND BINDING, ETC.)

Names (X) Waverly Press, Inc. Addresses (X) Baltimore, Maryland

Albert L. Batik (Signature of affiant)
(Sign and notarize only on or after date given above)

Subscribed and sworn to before me this 9th
day of October, 1967

Mal E. Rumb
(Signature of notary)

FOR COPYRIGHT OFFICE USE ONLY
Application and affidavit received OCT 13 1967
Two copies received OCT 13 1967
Fee received 30200 OCT 13 '67
Renewal

EXHIBIT 75

Additional Certificate of Registration of a Claim to Copyright

This is to certify that the statements set forth
in the attached have been made a part of the
records of the Copyright Office with claim
of copyright registered under number

In testimony whereof, the seal of this office
is affixed hereto on



TX 3-936-510

October 1, 2019

A handwritten signature in cursive script, reading "Kay A. Leahy".

United States Register of Copyrights and Director

FORM SE
UNITED STATES COPYRIGHT OFFICE
REGISTRATION NUMBER

TX 3-936-510

EFFECTIVE DATE OF REGISTRATION
NOV 10 1994

Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

1

TITLE OF THIS SERIAL **1994 Annual Book of ASTM Standards: Gaseous Fuels, Coal and Coke**

When **Number** **Date of Copies** **Frequency of Publication**

05-05 05 September Annual

PREVIOUS OR ALTERNATIVE TITLES

2

NAME OF AUTHOR **American Society for Testing and Materials**

DATES OF BIRTH AND DEATH
Year Born Year Died

Was this contribution to the work a "work made for hire"? Yes No

AUTHOR'S NATIONALITY OR DOMICILE
Country: United States

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
Anonymous? Yes No
Pseudonymous? Yes No

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. Collective Work Other: **Entire Text**

NAME OF AUTHOR

DATES OF BIRTH AND DEATH
Year Born Year Died

Was this contribution to the work a "work made for hire"? Yes No

AUTHOR'S NATIONALITY OR DOMICILE
Country:

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
Anonymous? Yes No
Pseudonymous? Yes No

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. Collective Work Other:

NAME OF AUTHOR

DATES OF BIRTH AND DEATH
Year Born Year Died

Was this contribution to the work a "work made for hire"? Yes No

AUTHOR'S NATIONALITY OR DOMICILE
Country:

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
Anonymous? Yes No
Pseudonymous? Yes No

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. Collective Work Other:

3

YEAR IN WHICH CREATION OF THIS SERIAL WAS COMPLETED **1994**

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE
Month: **October** Day: **21** Year: **1994**
Nation: **U.S.A.**

4

COPYRIGHT CLAIMANT'S Name and address must be given even if the claimant is the same as the author given in space 2.7

American Society for Testing & Materials
1916 Race Street
Philadelphia, PA 19103-1187

TRANSMIT IF the claimant(s) named here in space 4 are different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright.

APPLICATION RECEIVED
NOV 10 1994
ONE DEPOSIT RECEIVED

TWO DEPOSITS RECEIVED
NOV 10 1994
REMITTANCE NUMBER AND DATE

NOTE
Under the law...

0700570-
0200570-

EXAMINED BY B/LMS
CHECKED BY _____

FORM SE

CORRESPONDENCE
 Yes

FOR
COPYRIGHT
OFFICE
USE
ONLY

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

PREVIOUS REGISTRATION Has registration for this issue, or for an earlier version of this particular issue, already been made in the Copyright Office?

Yes No If your answer is "Yes," why is another registration being sought? (Check appropriate box)

- a. This is the first published version of an issue previously registered in unpublished form.
- b. This is the first application submitted by this author as copyright claimant.
- c. This is a changed version of this issue, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number TX 3-1011-549 Year of Registration 1993

5

DERIVATIVE WORK OR COMPILATION Complete both space 6a & 6b for a derivative work; complete only 6b for a compilation.

a. Existing Material Identify any preexisting work or works that this work is based on or incorporates

1993 Annual Book of ASTM Standards, Section _____, Volume _____

6

b. Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed

Compilation of previous published text plus additional text.

See instructions
before completing
this space

—space deleted—

7

REPRODUCTION FOR USE OF BLIND OR PHYSICALLY HANDICAPPED INDIVIDUALS A signature on this form at space 10, and a check in one of the boxes here in space 8, constitutes a non-exclusive grant of permission to the Library of Congress to reproduce and distribute solely for the blind and physically handicapped and under the conditions and limitations prescribed by the regulations of the Copyright Office: (1) copies of the work identified in space 1 of this application in Braille (or similar tactile symbols); or (2) phonorecords embodying a fixation of a reading of that work; or (3) both.

- Copies and Phonorecords
- Copies Only
- Phonorecords Only

See instructions

8

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.
Name Account Number

9

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address/Apt/City/State/Zip

Robert L. Meltzer, ASTM
1916 Race Street
Philadelphia, PA 19103-1187
Area Code & Telephone Number 215-299-5431

Be sure to
give your
daytime phone
number

CERTIFICATION I, the undersigned, hereby certify that I am the

Check one

- author
- other copyright claimant
- owner of exclusive right(s)
- authorized agent of American Society for Testing and Materials

Name of author or other copyright claimant or owner of exclusive right(s)

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name and date If this application gives a date of publication in space 3, do not sign and submit it before that date.

Robert L. Meltzer Date October 21, 1994

10

Handwritten signature (X)

Robert L. Meltzer

MAIL
CERTIFI-
CATE TO

Name <input type="checkbox"/>	<u>Kathe Hooper, ASTM</u>
Number/Street/Apartment Number <input type="checkbox"/>	<u>1916 Race Street</u>
City/State/Zip <input type="checkbox"/>	<u>Philadelphia, PA 19103-1187</u>

11

1. Non-refundable P30 filing fee
2. Non-refundable P30 filing fee
3. Deposit account

Library of Congress
Copyright Office
Washington, D.C. 20540

* 17 U.S.C. § 505(m) Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

EXHIBIT 76

Additional Certificate of Registration of a Claim to Copyright

This is to certify that the statements set forth
in the attached have been made a part of the
records of the Copyright Office with claim
of copyright registered under number

In testimony whereof, the seal of this office
is affixed hereto on



TX 1-725-733

October 1, 2019

A handwritten signature in blue ink, reading "Kay A. Leslie".

United States Register of Copyrights and Director

FORM SE
UNITED STATES COPYRIGHT OFFICE
REGISTRATION NUMBER

TX 1 725 733

EFFECTIVE DATE OF REGISTRATION

26 NOV 1985

Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

TITLE OF THIS SERIAL

1985 Annual Book of ASTM Standards, Section 7 Volume 07.01
Textiles-Yarns, Fabrics, General Test Methods

Volume 07.01 Number 7 Date on Copies October 1985 Frequency of Publication Annual

PREVIOUS OR ALTERNATIVE TITLES

NAME OF AUTHOR

American Society for Testing and Materials

DATES OF BIRTH AND DEATH
Year Born Year Died

Was this contribution to the work a "work made for hire"? Yes No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country OR Citizen of U.S.A. Domiciled in U.S.A.

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
Anonymous? Yes No Pseudonymous? Yes No

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed.

Collective Work Other: Entire Text

NAME OF AUTHOR

DATES OF BIRTH AND DEATH
Year Born Year Died

Was this contribution to the work a "work made for hire"? Yes No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country OR Citizen of Domiciled in

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
Anonymous? Yes No Pseudonymous? Yes No

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed.

Collective Work Other:

NAME OF AUTHOR

DATES OF BIRTH AND DEATH
Year Born Year Died

Was this contribution to the work a "work made for hire"? Yes No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country OR Citizen of Domiciled in

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
Anonymous? Yes No Pseudonymous? Yes No

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed.

Collective Work Other:

YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED

1985 Year

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE

Month October Day 24 Year 1985

United States Nation

COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the same as the author given in space 2.

ASTM
1916 Race Street
Philadelphia, PA 19103

APPLICATION RECEIVED
NOV 26 1985 DEC 30 1985
ONE DEPOSIT RECEIVED
TWO DEPOSITS RECEIVED
NOV 26 1985
REMITTANCE NUMBER AND DATE

TRANSFER If the claimant(s) named here in space 4 are different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright.

MORE ON BACK

- Complete all applicable spaces (numbers 5-11) on the reverse side of this page.
- See detailed instructions.
- Sign the form at line 10.

DO NOT WRITE HERE

NOTE

Under the law, the "author" of a "work made for hire" is generally the employer, not the employee (see instructions). For any part of this work that was "made for hire" check "Yes" in the space provided, give the employer (or other person for whom the work was prepared) as "Author" of that part, and leave the space for dates of birth and death blank.

989261200



EXAMINED BY

CHECKED BY

SLH/NKLO

TX 1 725 733

CORRESPONDENCE Yes

DEPOSIT ACCOUNT FUNDS USED

FOR COPYRIGHT OFFICE USE ONLY

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

PREVIOUS REGISTRATION Has registration for this issue, or for an earlier version of this particular issue, already been made in the Copyright Office?

Yes No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼

- a. This is the first published version of an issue previously registered in unpublished form.
- b. This is the first application submitted by this author as copyright claimant.
- c. This is a changed version of this issue, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number ▼ Year of Registration ▼

TX 1-470-177 1984

DERIVATIVE WORK OR COMPILATION Complete both space 6a & 6b for a derivative work; complete only 6b for a compilation.

a. Preexisting Material Identify any preexisting work or works that this work is based on or incorporates. ▼

1984 Annual Book of ASTM Standards, Volume 07.01, Section 7

b. Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼

Compilation of previously published text plus additional text

MANUFACTURERS AND LOCATIONS If this is a published work consisting preponderantly of nondramatic literary material in English, the law may require that the copies be manufactured in the United States or Canada for full protection. If so, the names of the manufacturers who performed certain processes, and the places where these processes were performed must be given. See instructions for details.

Names of Manufacturers ▼

Places of Manufacture ▼

Waverly Press, Inc.

Easton, MD

REPRODUCTION FOR USE OF BLIND OR PHYSICALLY HANDICAPPED INDIVIDUALS A signature on this form at space 10, and a check in one of the boxes here in space 8, constitutes a non-exclusive grant of permission to the Library of Congress to reproduce and distribute solely for the blind and physically handicapped and under the conditions and limitations prescribed by the regulations of the Copyright Office: (1) copies of the work identified in space 1 of this application in Braille (or similar tactile symbols); or (2) phonorecords embodying a fixation of a reading of that work; or (3) both.

- a. Copies and Phonorecords
- b. Copies Only
- c. Phonorecords Only

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account. Name ▼ Account Number ▼

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address/Apt/City/State/Zip ▼

R. L. Meltzer

ASTM, 1916 Race Street

Philadelphia, PA 19103

Area Code & Telephone Number ▶ 215-299-5431

CERTIFICATION I, the undersigned, hereby certify that I am the

Check one ▶

- author
- other copyright claimant
- owner of exclusive right(s)
- authorized agent of American Society for Testing and Materials

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name and date ▼ If this is a published work, this date must be the same as or later than the date of publication given in space 3.

Robert L. Meltzer

date ▶ 11/07/85

Handwritten signature

MAIL CERTIFICATE TO

Certificate will be mailed in window envelope

Name ▼ American Society for Testing and Materials

Number/Street/Apartment Number ▼ 1916 Race Street

City/State/ZIP ▼ Philadelphia, PA 19103

- Have you:
- Completed all necessary spaces?
 - Signed your application in space 10?
 - Enclosed check or money order for \$10 payable to Register of Copyrights?
 - Enclosed your deposit material with the application and fee?
- MAIL TO: Register of Copyrights, Library of Congress, Washington, D.C. 20559

* 17 U.S.C. § 506(e): Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with this application, shall be fined not more than \$2 500.

5

6

7

8

9

10

11

EXHIBIT 77

Additional Certificate of Registration of a Claim to Copyright

This is to certify that the statements set forth
in the attached have been made a part of the
records of the Copyright Office with claim
of copyright registered under number

In testimony whereof, the seal of this office
is affixed hereto on



TX 2-814-346

October 2, 2019

Kary A. Lush

United States Register of Copyrights and Director

FORM SE
UNITED STATES COPYRIGHT OFFICE
REGISTRATION NUMBER

TX 2 814 346

EFFECTIVE DATE OF REGISTRATION
5 9 90
Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

TITLE OF THIS SERIAL

1990 Annual Book of ASTM Standards: PRINTS, RELATED COATINGS AND
MONOMERS: PRINT-TESTS FOR FORMULATED PRODUCTS AND APPLIED COATINGS

Volume 06 01 Number 06 Date on Copies FEBRUARY 1990 Frequency of Publication ANNUAL

PREVIOUS OR ALTERNATIVE TITLES

NAME OF AUTHOR

American Society for Testing and Materials

DATES OF BIRTH AND DEATH
Year Born Year Died

Was this contribution to the work a "work made for hire"?

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country
OR Citizen of
Domiciled in United States

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? Yes No
Pseudonymous? Yes No

If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP

Briefly describe nature of the material created by this author in which copyright is claimed

Collective Work Other

NAME OF AUTHOR

DATES OF BIRTH AND DEATH
Year Born Year Died

Was this contribution to the work a "work made for hire"?

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country
OR Citizen of
Domiciled in

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? Yes No
Pseudonymous? Yes No

If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP

Briefly describe nature of the material created by this author in which copyright is claimed

Collective Work Other

NAME OF AUTHOR

DATES OF BIRTH AND DEATH
Year Born Year Died

Was this contribution to the work a "work made for hire"?

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country
OR Citizen of
Domiciled in

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? Yes No
Pseudonymous? Yes No

If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP

Briefly describe nature of the material created by this author in which copyright is claimed

Collective Work Other

YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED
1990

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE

Complete this information ONLY if the work has been published.
Month Day Year
3 2 90
U.S.A.

COPYRIGHT CLAIMANT(S)

Name and address must be given even if the claimant is the same as the author given in space 1
American Society for Testing & Materials
1916 Race Street
Philadelphia, PA 19103

TRANSFER If the claimant(s) named here in space 4 are different from the author(s) named in space 1, give a brief statement of how the claimant(s) obtained ownership of the copyright.

DO NOT WRITE HERE OFFICE USE ONLY

APPLICATION RECEIVED
MAY 11 1990
ONE DEPOSIT RECEIVED

TWO DEPOSITS RECEIVED
MAY 11 1990

REMITTANCE NUMBER AND DATE

MORE ON BACK

- Complete all applicable spaces (numbers 5-11) on the reverse side of this page
- See detailed instructions
- Sign the form at line 10

DO NOT WRITE HERE

2
NOTE

00054800

3
4

See instructions before completing this form

TX 2 814 346

EXAMINED BY

FORM SE

CHECKED BY

CORRESPONDENCE

Yes

DEPOSIT ACCOUNT

FUNDS USED

FOR
COPYRIGHT
OFFICE
USE
ONLY

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

PREVIOUS REGISTRATION Has registration for this issue, or for an earlier version of this particular issue, already been made in the Copyright Office?

Yes No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼

a. This is the first published version of an issue previously registered in unpublished form.

b. This is the first application submitted by this author as copyright claimant.

c. This is a changed version of this issue, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number ▼

Year of Registration ▼

TX 2 814 346

1989

5

DERIVATIVE WORK OR COMPILATION Complete both space 6a & 6b for a derivative work; complete only 6b for a compilation.

Identify any preexisting work or works that this work is based on or incorporates ▼

1988 Annual Book of ASTM Standards, Section 06 Volume 06.01

6

Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed ▼

Continuation of previous published text plus additional text.

See instructions
before completing
this space

PLACES OF MANUFACTURE AND LOCATIONS If this is a published work consisting preponderantly of nondramatic literary material in English, the law may require that copies be manufactured in the United States or Canada for full protection. If so, the names of the manufacturers who performed certain processes and the places where these processes were performed must be given. See instructions for details.

Places of Manufacture ▼

Meltzer Press, Inc.

Easton, MD

7

PROVISION FOR USE OF BLIND OR PHYSICALLY HANDICAPPED INDIVIDUALS

A signature on this form at space 10, and a

signature here in space 8, constitutes a non-exclusive grant of permission to the Library of Congress to reproduce and distribute solely for the blind and physically handicapped and under the conditions and limitations prescribed by the regulations of the Copyright Office: (1) copies of the work identified in space 8 in Braille (or similar tactile symbols); or (2) phonorecords embodying a fixation of a reading of that work; or (3) both.

Copies and Phonorecords

Copies Only

Phonorecords Only

See instructions

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Account Number ▼

8

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address/Apt/City/State/Zip ▼

Meltzer, ASTM

91 Race Street

Philadelphia, PA 19103

Area Code & Telephone Number ▼

(215) 299-5431

Be sure to
give your
daytime phone
number

DECLARATION I, the undersigned, hereby certify that I am the

Check one ▶

author

other copyright claimant

owner of exclusive right(s) American Society

authorized agent of for Testing and Materials

Name of author or other copyright claimant, or owner of exclusive right(s) ▲

of the work identified in this application and that the statements made in this application are correct to the best of my knowledge.

Signature and date If this is a published work, this date must be the same as or later than the date of publication given in space 3.

Kathleen M. Hooper

date ▶

3/27/90

Handwritten signature

Kathleen M. Hooper

Street/Apartment Number ▼

ASTM, 1916 Race Street

City/State/Zip ▼

Philadelphia, PA 19103

Have you:

- Completed all necessary spaces?
- Signed your application in space 10?
- Enclosed check or money order for \$10 payable to Register of Copyrights?
- Enclosed your deposit material with the application and fee?

MAIL TO: Register of Copyrights,
Library of Congress, Washington,
D.C. 20559

11

EXHIBIT 78



This Certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

Marybeth Peters

REGISTER OF COPYRIGHTS
United States of America

REGISTRATION NUMBER

TX 4-257-533



EFFECTIVE DATE OF REGISTRATION

5 7 96
Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET

TITLE OF THIS SERIAL

1996 Annual Book of ASTM Standards: *Water and Environmental*

Technology - Water (1)

Volume 11 Number 01 Date on Copies April 1996 Frequency of Publication Annual

PREVIOUS OR ALTERNATIVE TITLES

2 NAME OF AUTHOR

American Society for Testing and Materials

DATES OF BIRTH AND DEATH
Year Born Year Died

Was this contribution to the work a "work made for hire"?

Yes
 No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country

OR Citizen of United States
Domiciled in United States

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? Yes No
Pseudonymous? Yes No

If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP

Collective Work Other: Entire Text

Briefly describe nature of the material created by this author in which copyright is claimed.

NAME OF AUTHOR

DATES OF BIRTH AND DEATH
Year Born Year Died

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Yes
 No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country

OR Citizen of
Domiciled in

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Pseudonymous? Yes No

If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP

Collective Work Other: Entire Text

Briefly describe nature of the material created by this author in which copyright is claimed.

3 YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED

1996 Year

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE

Month April Day 26 Year 1996 U.S.A. Nation

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American Society for Testing & Materials
1916 Race Street
Philadelphia, PA 19103-1187

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- Yes No If your answer is "Yes," why is another registration being sought? (Check appropriate box) This is the first published version of an issue previously registered in unpublished form. This is the first application submitted by this author as copyright claimant. This is a changed version of this issue, as shown by space 6 on this application.

5

If your answer is "Yes," give Previous Registration Number Year of Registration TX# 4-0107-387 1995

DERIVATIVE WORK OR COMPILATION Complete both space 6a & 6b for a derivative work, complete only 6b for a compilation.

a. Preexisting Material Identify any preexisting work or works that this work is based on or incorporates. 1995 Annual Book of ASTM Standards, Section 11, Volume 01.

6

b. Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. Compilation of previous published text plus additional text.

See instructions before completing this space

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See instructions

8

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Name American Society for Testing and Materials Account Number DAO 78328

9

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name Address Apt City State Zip

Robert L. Meltzer, ASTM 1916 Race Street Philadelphia, PA 19103-1187

Area Code & Telephone Number 215-299-5431

Be sure to give your daytime phone number

CERTIFICATION I, the undersigned, hereby certify that I am the

- author other copyright claimant owner of exclusive right(s) authorized agent of

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge

American Society for Testing and Materials

10

Typed or printed name and date If this application gives a date of publication in space 3, do not sign and submit it before that date.

Robert L. Meltzer

date April 26, 1990

Handwritten signature (X)

Robert L. Meltzer

MAIL CERTIFICATE TO

Name: Kathe Hooper, ASTM; Number Street Apartment Number: 1916 Race Street; City State ZIP: Philadelphia, PA 19103-1187

Certificate will be mailed in window envelope

- Complete all necessary spaces Sign your application in space 10

- 1. Application form 2. Nonrefundable \$20 filing fee in check or money order payable to Register of Copyrights 3. Deposit material

Register of Copyrights Library of Congress Washington, D.C. 20559

11

17 U.S.C. § 506(e) Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500

EXHIBIT 79

REGISTRATION NUMBER

TX 2 058 606

EFFECTIVE DATE OF REGISTRATION

APR 23 87
Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

1

TITLE OF THIS SERIAL ▼ 1987 Annual Book of ASTM Standards, Plastics: Plastic Pipe and Building Products

Volume ▼ 08.04 Number ▼ 08 Date on Copies ▼ January 1987 Frequency of Publication ▼ Annual

PREVIOUS OR ALTERNATIVE TITLES ▼

2

NAME OF AUTHOR ▼ American Society for Testing and Materials

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?
 Yes
 No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country
OR { Citizen of ►
Domiciled in ► United States

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
Anonymous? Yes No
Pseudonymous? Yes No
If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼
 Collective Work Other: Entire Text

NOTE
Under the law, the "author" of a "work made for hire" is generally the contributor

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?
 Yes
 No

AUTHOR'S NATIONALITY OR DOMICILE
Name of country
OR { Citizen of ►
Domiciled in ►

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
Anonymous? Yes No
Pseudonymous? Yes No
If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼
 Collective Work Other:

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

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 Yes
 No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country
OR { Citizen of ►
Domiciled in ►

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
Anonymous? Yes No
Pseudonymous? Yes No
If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed. ▼
 Collective Work Other:



3
4

YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED This information must be given in all cases.
1987

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1916 Race Street
Philadelphia, PA 19103

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PREVIOUS REGISTRATION Has registration for this issue, or for an earlier version of this particular issue, already been made in the Copyright Office?

Yes No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼

- a. This is the first published version of an issue previously registered in unpublished form.
- b. This is the first application submitted by this author as copyright claimant.
- c. This is a changed version of this issue, as shown by space 5 on this application.

If your answer is "Yes," give: Previous Registration Number ▼

Year of Registration ▼

TX 1-778-679

1986

DERIVATIVE WORK OR COMPILATION Complete both space 6a & 6b for a derivative work; complete only 6b for a compilation.

a. Preexisting Material Identify any preexisting work or works that this work is based on or incorporates. ▼

~~1986 Annual Book of ASTM Standards Section 08, Volume 08.04~~

b. Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼

~~Compilation of previous published text plus additional text.~~

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Names of Manufacturers ▼

Places of Manufacture ▼

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Easton, MD

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c. Phonorecords Only

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account. Name ▼ Account Number ▼

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address/Apt./City/State/Zip ▼

R. L. Meltzer, ASTM

1916 Race Street

Philadelphia, PA 19103

Area Code & Telephone Number ▼

215-299-5431

CERTIFICATION* I, the undersigned, hereby certify that I am the

Check one ▶

author

other copyright claimant

owner of exclusive right(s)

authorized agent of

American Society for Testing and Materials

Name of author or other copyright claimant, or owner of exclusive right(s) ▲

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name and date ▼ If this is a published work, this date must be the same as or later than the date of publication given in space 3.

Robert L. Meltzer

date ▶ 4/6/87



Handwritten signature (X) ▼

Robert L. Meltzer

MAIL CERTIFICATE TO

Certificate will be mailed in window envelope

Name ▼

Kathe Scholl, ASTM

Number/Street/Apartment Number ▼

1916 Race Street

City/State/ZIP ▼

Philadelphia, PA 19103

Have you:

- Completed all necessary spaces?
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- Enclosed check or money order for \$10 payable to Register of Copyrights?
- Enclosed your deposit material with the application and fee?

MAIL TO: Register of Copyrights, Library of Congress, Washington, D.C. 20559

* 17 U.S.C. § 506(e). Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

5

6

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7

8

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EXHIBIT 80

TX 4-497-876



EFFECTIVE DATE OF REGISTRATION

JUN 24 1997

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TITLE OF THIS SERIAL

1997 Annual Book of ASTM Standards:

Water and Environmental Technology - Water (11)

Volume

Number

Date on Copies

Frequency of Publication

11

02

May '97

Annual

PREVIOUS OR ALTERNATIVE TITLES

NAME OF AUTHOR

American Society for Testing and Materials

DATES OF BIRTH AND DEATH

Year Born

Year Died

Was this contribution to the work a "work made for hire"?

Yes No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

Citizen of Domiciled in United States

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? Pseudonymous? Yes No Yes No

If the answer to either of these questions is Yes see detailed instructions

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed.

Collective Work Other: Entire Text

NAME OF AUTHOR

DATES OF BIRTH AND DEATH

Year Born

Year Died

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Collective Work Other:

YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED 1997

This information must be given in all cases.

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE

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JUN 24 1997 REMITTANCE NUMBER AND DATE

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NOTE

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092431135



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TH# 4-057-410

1996

DERIVATIVE WORK OR COMPILATION Complete both space 6a & 6b for a derivative work; complete only 6b for a compilation.

a. **Preexisting Material** Identify any preexisting work or works that this work is based on or incorporates. ▼

1997 Annual Book of ASTM Standards, Section 11, Volume 02.

b. **Material Added to This Work** Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼

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Name ▼ **American Society for Testing and Materials**

Account Number ▼ **# DA078328**

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name Address Apt. City State Zip ▼

Robert L. Meltzer, ASTM

100 Barr Harbor Drive

West Conshohocken, PA 19428-2959

Area Code & Telephone Number ▼ **610-832-9632**

CERTIFICATION* I, the undersigned, hereby certify that I am the

Check one ► author

other copyright claimant

owner of exclusive right(s) **American Society for Testing and Materials**

authorized agent of Name of author or other copyright claimant, or owner of exclusive right(s) ▲

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name and date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date.

Robert L. Meltzer

date June 19, 1997

Handwritten signature (X) ▼

Robert L. Meltzer

MAIL CERTIFICATE TO

Name ▼ Judy Helm, ASTM
Number Street Apartment Number ▼ 100 Barr Harbor Drive
City State ZIP ▼ West Conshohocken, PA 19428-2959

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* 17 U.S.C. § 506(e). Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

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UNITED STATES COPYRIGHT OFFICE

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TX 4-557-835



EFFECTIVE DATE OF REGISTRATION

10 2 97
Month Day Year

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TITLE OF THIS SERIAL

1997 Annual Book of ASTM Standards: PETROLEUM PRODUCTS, LUBRICANTS AND Fossil FUELS: GASEOUS FUELS, COAL AND COKE

Volume 05.06 Number 05 Date on Copies SEPTEMBER 1997 Frequency of Publication Annual

PREVIOUS OR ALTERNATIVE TITLES

NAME OF AUTHOR

American Society for Testing and Materials

DATES OF BIRTH AND DEATH

Was this contribution to the work a "work made for hire"? Yes No

AUTHOR'S NATIONALITY OR DOMICILE Name of Country Citizen of United States Domiciled in United States

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK Anonymous? Pseudonymous?

NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed.

Collective Work Other: Entire Text

NAME OF AUTHOR

DATES OF BIRTH AND DEATH

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AUTHOR'S NATIONALITY OR DOMICILE Name of Country Citizen of Domiciled in

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Collective Work Other:

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NATURE OF AUTHORSHIP Briefly describe nature of the material created by this author in which copyright is claimed.

Collective Work Other:

YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED 1997

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE Month SEPT Day 8 Year 1997 U.S.A. Nation

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American Society for Testing & Materials 100 Barr Harbor Drive West Conshohocken, PA 19428-2959

APPLICATION RECEIVED ONE DEPOSIT RECEIVED TWO DEPOSITS RECEIVED REMITTANCE NUMBER AND DATE

TRANSFER If the claimant(s) named here in space 4 are different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright.

MORE ON BACK Complete all applicable spaces (numbers 5-11) on the reverse side of this page. See detailed instructions. Sign the form at line 10.

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CHECKED BY *[Signature]*

CORRESPONDENCE
Yes

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ONLY

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Yes No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼

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Year of Registration ▼

TH#

1996

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a. Preexisting Material Identify any preexisting work or works that this work is based on or incorporates. ▼

1997 Annual Book of ASTM Standards, Section 05, Volume 05, 05

b. Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼

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Name ▼ American Society for Testing and Materials

Account Number ▼

DA078328

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name Address Apt City State Zip ▼

Robert L. Meltzer, ASTM

100 Barr Harbor Drive

West Conshohocken, PA 19428-2959

Area Code & Telephone Number ▶ 610-832-9632

Be sure to give your daytime phone number

CERTIFICATION* I, the undersigned, hereby certify that I am the

Check one ▶

- author
- other copyright claimant
- owner of exclusive right(s)
- authorized agent of

American Society for Testing and Materials

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Name of author or other copyright claimant, or owner of exclusive right(s) ▶

Typed or printed name and date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date.

Robert L. Meltzer

date ▶

9/11/97



Handwritten signature (X) ▼

MAIL CERTIFICATE TO

Name ▼	Kathe Hooper, ASTM
Number Street Apartment Number ▼	100 Barr Harbor Drive
City State ZIP ▼	West Conshohocken, PA 19428-2959

Certificate will be mailed in window envelope

YOU MUST

- Complete all necessary spaces
- Sign your application in space 10

SEND ALL ELEMENTS IN THE SAME PACKAGE

1. Application form
2. Nonrefundable \$20 filing fee in check or money order payable to Register of Copyrights
3. Deposit material

MAIL TO

Register of Copyrights
Library of Congress
Washington, D.C. 20559

Copyright fees are adjusted at 5-year intervals, based on increases or decreases in the Consumer Price Index. The next adjustment is due in 1995. Contact the Copyright Office in January 1995 for the new fee schedule.

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