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 TX 3-135-932 in testimony whereof, the seal of this office is affixed hereto on October 2, 2019.

United States Register of Copyrights and Director
Case 1:13-cv-01215-TSC   Document 198-11   Filed 10/07/19   Page 6 of 53

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

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

TITLE OF THIS SERIAL ▼
1998 Annual Book of ASTM Standards: Thermal Insulation; Environmental Acoustics

Volume ▼ Number ▼ Date on Copies ▼ Frequency of Publication ▼
04 06 04 November 1998 Annual

PREVIOUS OR ALTERNATIVE TITLES ▼

1

NAME OF AUTHOR ▼
American Society for Testing and Materials

DATE OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

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.

2 a

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

 AUTHOR'S NATIONALITY OR DOMICILE

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

 NAME OF COUNTRY

□ Citizen of □ Domiciled in □ United States

 Anonymous? □ Yes □ No

 PAROYENOUS? □ Yes □ No

 NATURE OF AUTHORSHIP

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

NAME OF AUTHOR ▼

DATE OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

2 c

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

 AUTHOR'S NATIONALITY OR DOMICILE

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

 NAME OF COUNTRY

□ Citizen of □ Domiciled in □ United States

 Anonymous? □ Yes □ No

 PAROYENOUS? □ Yes □ No

 NATURE OF AUTHORSHIP

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

NAME OF AUTHOR ▼

DATE OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

3 a

 YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED
1998 ▼ Year ▼

 DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE
November ▼ Day ▼ 10 ▼ Year ▼ 1998

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. ▼

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.

4

APPLICATION RECEIVED
10.10.1998

ONE DEPOSIT RECEIVED

TWO DEPOSITS RECEIVED

REMITTANCE NUMBER AND DATE
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 □

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 04, Volume 04.06

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---

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

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

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) 832-8934

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

☐ author ☐ other copyright claimant ☐ owner of exclusive right(s) ☐ authorized agent of American Society for Testing & 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.

[Signature]

Handwritten signature (X) □

MAIL CERTIFICATE TO

Name ☐ Kathe Hooper, ASTM Certificate will be mailed in window envelope

Number/Street/Apartment Number 100 Barr Harbor Drive

City/State/Zip □ West Conshohocken, PA 19428-2959

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

The Copyright Office has the authority to adjust fees at regular intervals, based on changes in the Consumer Price Index. The best available information as of the date of this form is $260 for a full registration. This form was electronically produced by Elite Federal Forms, Inc.
EXHIBIT 112
Title of this Serial:
1987 Annual Book of ASTM Standards, General Test Methods, Nonmetal Laboratory Apparatus; Statistical Methods; Appearance of Metals Durability of Nonmetallic Materials

Volume: 14.01  Number: 14  Date on Copies: June 1987  Frequency of Publication: Annual

Previous or alternative titles:

Name of Author:
American Society for Testing and Materials

Date of Birth and Death:
Year Born:  \( \bigcheck \)  Year Died:  

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

Copyright Claimant(S):
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.
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) ▼

☐ 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.

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

TK 1 896 314

Year of Registration ▼

1966

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 ▼

1966 Annual Book of ASTM Standards Section 14 Volume 14.01

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 ▼

Waverly Press, Inc.

Places of Manufacture ▼

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.

☐ 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.

Name ▼

Account Number ▼

CORRESPONDENCE  Give name and address to which correspondence about this application should be sent. Name/Address/ZIP Only/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

☐ 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 of (for exclusive rights) ▼

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 ▼ 8/24/87

MAIL CERTIFICATE TO

Kathe Scholl, ASTM

1916 Race Street

Philadelphia, PA 19103

Handwritten signature (X) ▼

Mail Certificate will be mailed in window envelope

☐ 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.

EXHIBIT 113
CERTIFICATE OF COPYRIGHT REGISTRATION

This certificate, issued under the seal of the Copyright Office in accordance with the provisions of section 410(a) of title 17, United States Code, attests that copyright registration has been made for the work identified below. The information in this certificate has been made a part of the Copyright Office records.

NAME OF AUTHOR
American Society for Testing and Materials

DATE OF BIRTH AND DEATH

.Author's Nationality or Domicile

Anonymous? Yes No
Pseudonymous? Yes No

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

DATE OF BIRTH AND DEATH

NAME OF AUTHOR

DATE OF BIRTH AND DEATH

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

DATE OF BIRTH AND DEATH

COPYRIGHT CLAIMANT(S)
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.

FILL IN THE BLANKS

PREVIOUS OR ALTERNATIVE TITLES

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 this work was prepared) as "Author" of that part, and leave the space for date of birth and death blank.

See instructions before completing this space.
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 937-027 and TXL-020-736  1982

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. ▼

1982 Annual Book of ASTM Standards, Parts 41, 45

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

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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 ▼ Account Number ▼

Robert L. Meltzer, ASTM  215-299-5431

1916 Race Street

Philadelphia, PA 19103

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

Name/Address/Apt./City/State/Zip ▼

Robert L. Meltzer, ASTM  215-299-5431

1916 Race Street

Philadelphia, PA 19103

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

☐ author

☐ other copyright claimant

☐ owner of exclusive right(s) ▼

American Society for Testing and Materials  ▼

☑ authorized agent of Testing and Materials

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

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  10/10/83

Handwritten signature (X) ▼

MAIL CERTIFICATE TO

American Society for Testing and Materials  (RLM)

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?


* 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.

ASTM000004
EXHIBIT 114
Case 1:13-cv-01215-TSC Document 198-11 Filed 10/07/19 Page 16 of 53

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) ▼

1. ☐ This is the first published version of an issue previously registered in unpublished form.
2. ☐ This is the first application submitted by this author as copyright claimant.
3. ☐ 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 ▼

1996

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

1. ☐ 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—

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 7 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 ▼ 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 ▼ 610-832-9652

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) ▼

Robert L. Meltzer date: July 7, 1977

Handwritten signature (X) ▼

MAIL CERTIFICATE TO Certificate will be mailed in window envelope

Name ▼ Judy Helm, ASTM

Number Street Apartment Number ▼ 100 Barr Harbor Drive

City State ZIP ▼ West Conshohocken, PA 19428-2959

1. Application form
2. Application fee
3. Deposit material

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

Copyright fees are subject to the rates set forth in 17 USC § 504 in 17 USC § 505. For applications filed on or after January 1, 1996, under the act of October 27, 1995, the fee is the greater of $50 or $100 times the number of claims made. Payments must be made in the form of money orders or postal checks payable to Register of Copyrights.

June 1992—50.00
EXHIBIT 115
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<tr>
<td>Name and address must be given even if the claimant is the same as the author given in space 2.</td>
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</table>

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. |

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

TX$  J-185 - 6025  1993

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

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


2. 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—

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 6 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

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/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 ☐ author  ☐ other copyright claimant  ☐ owner of exclusive right(s)
Check one ▼

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

☑ Expiration date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date.

Robert L. Meltzer

Handwritten signature (X) ▼

MAIL CERTIFICATE TO

Kathe Hooper, ASTM
1916 Race Street
Philadelphia, PA 19103-1187

17 U.S.C. § 506(a). 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.

U.S. GOVERNMENT PRINTING OFFICE: 1990–292–170/20,005

1990-75,000
EXHIBIT 116
Application for Registration of a Claim to Copyright

in a published book manufactured in the United States of America

Instructions: Make sure that all applicable spaces have been filled in before you submit the form. The application must bear the official seal and the signature of the applicant. The application should not be accepted at our office after the date of publication given in line 4, and the revisal, if any, of the facts which existed on that date. For further information, see page 4.

1. 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 St., Phila., Pa. 19103

2. Title: (Give legal name followed by pseudonym if latter appears on the copies)

Radioscopy and Radiographic Testing; Conductive Materials; Acoustic Materials;
Molecular and Mass Spectroscopy; Sensory Evaluation of Materials and Products;
Neutron Activiation Analysis; Retest Materials; Ultrasonic Testing of Nonmetallic Materials

3. Author(s): Give the pseudonym of the author(s) or the legal names if known.

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

4. Date of Publication of This Edition: Give the complete date when copies of this particular edition were first placed on sale, and publicly distributed. The date when copies were made or published should not be confused with the date of publication.

5. New Matter in This Version: If any substantial part of this text has been 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, additional text or pictorial matter.

6. 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

Complete all applicable spaces on next page
Case 1:13-cv-01215-TSC   Document 198-11   Filed 10/07/19   Page 22 of 53

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) File the affidavit before an officer authorized to administer oaths within the United States, such as a notary public. (3) Have the officer read 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 of which you claim copyright.
    The affidavit must be signed by an individual.
    STATE OF Pennsylvania
    COUNTY OF Philadelphia
    That the book was published or the printing was completed on: (X) 15 July 1971
    (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, or the graphic or photogravure 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 processes, setting, platemaking, lithographic or photogravure process, printing, and binding were performed by the following establishment or individuals at the following addresses:

    (GIVE THE NAMES AND ADDRESSES OF THE PERSONS OR ORGANIZATIONS WHO PERFORMED SUCH TYPESETTING OR PLATEMAKING OR LITHOGRAPHIC PROCESS OR PHOTOENGRAVING PROCESS OR PRINTING AND BINDING, ETC.)

    Names (X) Waverly Press, Inc. Addresses (X) Easton, Maryland (U.S.A.)

    (Sign and notarize only on or after date given above)

    Albert L. Batik
    (Signature of affiant)
    PLACE
    NOTARIAL SEAL
    HERE

    Subscribed and sworn to before me this 15th day of July 1971

    Notary Public
    (Signature of notary public)

FOR COPYRIGHT OFFICE USE ONLY

Application and affidavit received
JUL 23 1971
Two copies received
JUL 23 1971
Fee received
7710 JUL 23 1971

Editorial

Note: Leave line blank if no entry or if required information is given in an attachment.

1. New Matter in This Version
2. Reprint in English Previously Manufactured
3. Notice of First Publication

Date of first publication

If your answer is "Yes,"

My Commission Expires January 21, 1983

Page 2
EXHIBIT 117
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 565-132

October 2, 2019

United States Register of Copyrights and Director
**FORM TX**

UNITED STATES COPYRIGHT OFFICE

<table>
<thead>
<tr>
<th>REGISTRATION NUMBER</th>
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<tbody>
<tr>
<td>TX - 565-132</td>
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<table>
<thead>
<tr>
<th>EFFECTIVE DATE OF REGISTRATION</th>
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<tbody>
<tr>
<td>14 OCT 1980</td>
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</tbody>
</table>

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE CONTINUATION SHEET (FORM TX/CON)

<table>
<thead>
<tr>
<th>TITLE OF THIS WORK:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>PREVIOUS OR ALTERNATIVE TITLES:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>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.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title of Collective Work:</td>
</tr>
<tr>
<td>Vol.</td>
</tr>
<tr>
<td>No.</td>
</tr>
<tr>
<td>Date</td>
</tr>
<tr>
<td>Pages</td>
</tr>
</tbody>
</table>

**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.

**NAME OF AUTHOR:** American Society for Testing & Materials

**AUTHOR'S NATIONALITY OR DOMICILE:**

<table>
<thead>
<tr>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citizen of:</td>
</tr>
<tr>
<td>U.S.A.</td>
</tr>
<tr>
<td>Domiciled in:</td>
</tr>
</tbody>
</table>

**AUTHOR OF:** (Briefly describe nature of this author's contribution)

**DATES OF BIRTH AND DEATH:**

<table>
<thead>
<tr>
<th>Born Year</th>
<th>Died Year</th>
</tr>
</thead>
</table>

**WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK:**

<table>
<thead>
<tr>
<th>Anonymous?</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pseudonymous?</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

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

**NAME OF AUTHOR:**

**AUTHOR'S NATIONALITY OR DOMICILE:**

<table>
<thead>
<tr>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citizen of:</td>
</tr>
<tr>
<td>(Name of Country)</td>
</tr>
<tr>
<td>Domiciled in:</td>
</tr>
<tr>
<td>(Name of Country)</td>
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</tbody>
</table>

**AUTHOR OF:** (Briefly describe nature of this author's contribution)

**DATES OF BIRTH AND DEATH:**

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</thead>
<tbody>
<tr>
<td>Pseudonymous?</td>
<td>Yes</td>
<td>No</td>
</tr>
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</table>

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

**NAME OF AUTHOR:**

**AUTHOR'S NATIONALITY OR DOMICILE:**

<table>
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<tr>
<td>Citizen of:</td>
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<td>(Name of Country)</td>
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<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pseudonymous?</td>
<td>Yes</td>
<td>No</td>
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</tbody>
</table>

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

**YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED:**

| 1980 |

**DATE AND NATION OF FIRST PUBLICATION:**

<table>
<thead>
<tr>
<th>September 5, 1980</th>
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<tr>
<td>United States</td>
</tr>
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**NAME(S) AND ADDRESS(ES) OF COPYRIGHT CLAIMANT(S):**

American Society for Testing & 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
<table>
<thead>
<tr>
<th>EXAMINED BY:</th>
<th>APPLICATION RECEIVED:</th>
</tr>
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<tbody>
<tr>
<td>CHECKED BY:</td>
<td></td>
</tr>
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<th>DEPOSIT RECEIVED:</th>
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<tr>
<td>☐ No</td>
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</table>

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<tr>
<th>DEPOSIT ACCOUNT</th>
<th>REMITTANCE NUMBER AND DATE:</th>
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<td></td>
<td>12461 OCT 1480</td>
</tr>
</tbody>
</table>

**DO NOT WRITE ABOVE THIS LINE. IF YOU NEED ADDITIONAL SPACE, USE CONTINUATION SHEET (FORM TX/CON)**

**PREVIOUS REGISTRATION:**
- Has registration for this work or for an earlier version of this work already been made in the Copyright Office? Yes ☑ No ☐
- If your answer is "Yes," why is another registration being sought? (Check appropriate box)
  - ☐ This is the first published edition of a work previously registered in uncopyrighted form
  - ☐ This is the first application submitted by this author as a copyright claimant
  - ☐ This is a changed version of the work, as shown by lines 6 of this application
- If your answer is "Yes," give Previous Registration Number: TX 343-482 Year of Registration: 1979

**COMPILATION OR DERIVATIVE WORK:** (See instructions)

**EXISTING MATERIAL.** Identify any preexisting work or works that this work is based on or incorporates:

- 1979 Annual Book of ASTM Standards, Part 10
- 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 non-dramatic 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 those processes were performed must be given. See instructions for details.)

<table>
<thead>
<tr>
<th>NAMES OF MANUFACTURERS</th>
<th>PLACES OF MANUFACTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waverly Press, Inc.</td>
<td>Easton, Maryland</td>
</tr>
</tbody>
</table>

**REPRODUCTION FOR USE OF BLIND OR PHYSICALLY HANDICAPPED PERSONS:** (See instructions)
- Signature of 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 hand and physically handicapped and under the conditions and limitations prescribed by the Copyright Office.
  - (A) copies of the work identified in space 1 of the application in Braille (or similar tactile symbols) or (B) phonorecords embodying a fixation of a reading of that work or (C) both.
  - ☑ A X 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.)

<table>
<thead>
<tr>
<th>Name</th>
<th>Account Number:</th>
</tr>
</thead>
</table>

**CORRESPONDENCE:** (Give name and address to which correspondence about this application should be sent.)

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>City</th>
<th>State</th>
<th>ZIP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert L. Meltzer</td>
<td>ASTM 1916 Race St</td>
<td>Philadelphia, Pa.</td>
<td>19103</td>
<td></td>
</tr>
</tbody>
</table>

**CERTIFICATION:** I, the undersigned, hereby certify that I am the author, copyright claimant, owner of exclusive rights, or authorized agent 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.

Handwritten signature (X):

**MAIL CERTIFICATE TO**

<table>
<thead>
<tr>
<th>American Society for Testing &amp; Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>1916 Race Street</td>
</tr>
<tr>
<td>Philadelphia, Pa. 19103</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Address For Return of Certificate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certificate will be mailed in window envelope</td>
</tr>
</tbody>
</table>

**Copyright Registration Form TX**

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

© U.S. GOVERNMENT PRINTING OFFICE: 1979-261-421-4

Mar. 1979-290,000
<table>
<thead>
<tr>
<th>Form: Certificate of Copyright Registration</th>
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<tbody>
<tr>
<td><strong>Title of this Serial:</strong> Book of ASTM Standards, General Test Methods, Nonmetal; Laboratory Apparatus, Statistical Methods; Appearance of Nonmetallic Materials</td>
</tr>
<tr>
<td><strong>Volume:</strong> 14.02</td>
</tr>
<tr>
<td><strong>Register of Copyrights</strong> United States of America</td>
</tr>
</tbody>
</table>

### Name of Author

**American Society for Testing and Materials**

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

**Name of Country** |

**Was this author's contribution to the work Anonymous?** Yes [ ] No [ ] |

**Pseudonymous?** Yes [ ] No [ ]

**Nature of Authorship** |

**Briefly describe nature of material created by this author in which copyright is claimed.** Entire Text

### Dates of Birth and Death

**Year Born** |

**Year Died** |

### Nature of Authorship

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

### 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

**Transfer of 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.**
EXHIBIT 119
CASE 1:13-CV-01215-TSC, DOCUMENT 198-11, FILED 10/07/19, PAGE 31 OF 53

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.

Barbara Ringer
ACTING REGISTER OF COPYRIGHTS
United States of America

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

TITLE OF THIS SERIAL ★

Volume ★ Number ★ Date on Copies ★ Frequency of Publication ★
11 24 August 1993 Annual

PREVIOUS OR ALTERNATIVE TITLES ★

NAME OF AUTHOR ★
American Society for Testing and Materials

DATE OF BIRTH AND DEATH ★
Year Born ★ Year Died ★

AUTHOR'S NATIONALITY OR DOMICILE ★
Name of 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.

NAME OF AUTHOR ★
American Society for Testing and Materials

DATE OF BIRTH AND DEATH ★
Year Born ★ Year Died ★

AUTHOR'S NATIONALITY OR DOMICILE ★
Name of 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.

NAME OF AUTHOR ★
American Society for Testing and Materials

DATE OF BIRTH AND DEATH ★
Year Born ★ Year Died ★

AUTHOR'S NATIONALITY OR DOMICILE ★
Name of 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.

DATE IN WHICH CREATION OF THIS ISSUE WAS COMPLETED ★
1993

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 and Materials
1916 Race Street
Philadelphia, PA 19103-1187

TRANSFER ▶ If the claimant(s) named here in space 4 are different from the authors(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.

ASTM0000041
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 Re- ▼

TX # 3 490-279 1992

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 upon or incorporates ▼


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—

REPRODUCTION FOR USE OF BLIND OR PHYSICALLY HANDICAPPED INDIVIDUALS A signature on this form at space 10 and

check in one of the boxes here in space 11 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

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: 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 □ 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)

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 ▼ 8/11/93

Handwritten signature (X) ▼

MAIL CERTIFICATE TO Name ▼

Kathe Hooper, ASTM
Number Street Apartment Number ▼
1916 Race Street
City: State: Zip ▼
Philadelphia, PA 19103-1187

* 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 communication with the application, shall be fined not more than $2500.

FORM SE
EXHIBIT 120
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

EFFECTIVE DATE OF REGISTRATION
OCT 22 1997
Month Day Year

CITY OF REGISTERED OFFICE
WASHINGTON

UNITED STATES COPYRIGHT OFFICE
REGISTRATION NUMBER
TX 4-571-119

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: Construction, Building Service and Signage

Volume 1 Number 1 Date on Copies November 1997 Frequency of Publication Annual

PREVIOUS OR ALTERNATIVE TITLES

NAME OF AUTHOR
American Society for Testing and Materials

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.

NAME OF AUTHOR

DATE OF BIRTH AND DEATH
Year Born □ Year Died □

WAS THIS CONTRIBUTION TO THE WORK
"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
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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

NATURE OF AUTHORSHIP
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NAME OF AUTHOR

DATE OF BIRTH AND DEATH
Year Born □ Year Died □

WAS THIS CONTRIBUTION TO THE WORK
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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.

NAME OF AUTHOR

DATE OF BIRTH AND DEATH
Year Born □ Year Died □

YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED
1997 □ Year

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE
Complete this information if known. U.S.

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

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 ▶

Application received OCT 22, 1997
One deposit received
Two deposits received
Remittance number and date

DO NOT WRITE HERE

Page 1 of 2 pages

ASM0000071
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.

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 # DA073828

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 author or other copyright claimant 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.

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

MAIL CERTIFICATE TO Certificate will be mailed in window envelope

YOU MUST
- Complete all necessary spaces
- Sign your application in space 10
- Send this form and the required fee to the address below

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

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

Copyright fees are adjusted by Congress annually, based on increases in the Consumer Price Index. The next adjustment is due in 1993. Contact the Copyright Office in January 1993 for the new fee schedule.

* 17 U.S.C. § 506(e): A 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.

June 1995—$20.00


ASTM0000072
EXHIBIT 121
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 TX 3-128-183

In testimony whereof, the seal of this office is affixed hereto on October 2, 2019

United States Register of Copyrights and Director
DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

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 at space 8, constitutes a non-exclusive grant of permission to the Library of Congress to reproduce and distribute copies for blind and physically handicapped and under the conditions and limitations prescribed by the regulations of the Copyright Office. (1) except by the work identified in space 7, or this application or (2) phonorecord, or (3) work of author whose name is in the application is made to a Deposit Account established in the Copyright Office, give name and number of Account.

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.

CORRESPONDENCE: Give name and address to which correspondence about this application should be sent. Name: Robert L. Meltzer, ASTM

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

Attn: Corp & Shipment Number: 215-299-5431

Handwritten signature: Robert L. Meltzer

MAIL CERTIFICATE TO:

Kathe Hooper, ASTM
1916 Race Street
Philadelphia, PA 19103-1187

[Handwritten text]
EXHIBIT 123
### FORM TX

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

**REGISTRATION NUMBER**

| TX | 339-441 |

**EFFECTIVE DATE OF REGISTRATION**

| OCT | 2 | 1979 |

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**TITLE OF THIS WORK:** 1979 Annual Book of ASTM Standards, Part 46: End Use and Consumer Products

**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.) Title of Collective Work

**PREVIOUS OR ALTERNATIVE TITLES:**

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**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.

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

**AUTHOR'S NATIONALITY OR DOMICILE:**

| 1 | Citizen of (Name of Country) | or | Domiciled in (Name of Country) | U.S.A. |

**AUTHOR OF:** (Briefly describe nature of this author's contribution)

**DATES OF BIRTH AND DEATH:**

<table>
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<tr>
<th>Born</th>
<th>Died</th>
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**WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK?:**

| Anonymous? | No |
| Pseudonym? | No |

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

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**YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED:**

| Year | 1979 |

**DATE AND NATION OF FIRST PUBLICATION:**

| Date | August 2 |
| Month | 1979 |
| Day | (Year) |

**Nation** United States

**NAME(S) AND ADDRESS(ES) OF COPYRIGHT CLAIMANT(S):**

American Society for Testing & 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.)

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  ○ This is the first application submitted by this author as copyright claimant.
  ○ This is a changed version of the work, as shown by line 6 of this application.
- If your answer is "Yes," give: Previous Registration Number TX 134-979 Year of Registration 1978

COMPILED OR DERIVATIVE WORK: [See instructions]

- 1978 Annual Book of ASTM Standards, Part 46
- 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: ☐
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 (Cty)
Philadelphia, PA 19103 (State) (Zip code)

CERTIFICATION: I, the undersigned, hereby certify that I am the: (Check one)

☐ author ☐ other copyright claimant ☐ owner of exclusive right(s) ☐ 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

Handwritten signature: [Signature]
Typed or printed name: Robert L. Meltzer
Date: 9/11/79

MAIL CERTIFICATE

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

(Please mail in window envelope)

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TX 3-450-276

October 1, 2019

[Signature]

United States Register of Copyrights and Director
Case 1:13-cv-01215-TSC   Document 198-11   Filed 10/07/19   Page 49 of 53

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☐ Yes ☐ No
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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 spaces in this application

What answer is "Yes" above? Previous Registration Number

TXX 3 135-938

Year of Registration

1991

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Complete both space 6a & 6b if a derivative work or compilation.

a. Preexisting Material

Identify any preexisting work or work that this work is based on or incorporated into

1991 Annual Book of ASTM Standards, Section 10, Volume 03

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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---space deleted---

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Name

Robert L. Meltzer, ASTM

1916 Race Street

Philadelphia, PA 19103-1187

Account Number

215-299-5431

CERTIFICATION

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American Society for Testing and Materials

Robert L. Meltzer

Date: December 29, 1992

Handwritten signature:

Robert L. Meltzer

MAIL CERTIFICATE TO

Kathe Hooper, ASTM

1916 Race Street

Philadelphia, PA 19103-1187

Copyright and other information:

Compliance with all necessary statutes
Copyright Term: 56 years
1. Application Form
3. Deposit materials
2. Copyright Notice 2000

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TX 565-140

October 1, 2019

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FORM TX
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TX 565-140
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EFFECTIVE DATE OF REGISTRATION
14 OCT 1980
(Month) (Day) (Year)

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