

# **EXHIBIT 126**

## 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 3-883-919**

**October 2, 2019**

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

United States Register of Copyrights and Director

**FORM SE**  
UNITED STATES COPYRIGHT OFFICE

REGISTRATION NUMBER

**TX 3 883-919**

EFFECTIVE DATE OF REGISTRATION

**AUG 29 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: Water + Environmental Technology Pesticides; Resource Recovery, Hazardous Substances + Oil Spill Responses; Waste Management; Biological Effects.**

Volume  Number  Date on Copies  Frequency of Publication

**11 04 August '94 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:  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  **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:  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:  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**

**a** **YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED**  1994  4 Year

**b** **DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE**  
Month:  **August** Day:  **18** Year:  **1994**  
U.S.A.

**4**

**COPYRIGHT CLAIMANT'S Name and address must be given even if the claimant is the owner or 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**  
**AUG 29 1994**

**ONE DEPOSIT RECEIVED**

**TWO DEPOSITS RECEIVED**  
**AUG 29 1994**

**REMITTANCE NUMBER AND DATE**

TX 3 883-919

EXAMINED BY ✓ FORM SE

CHECKED BY ✓ MUE

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 ▼ TX 3-1289-742

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 11, Volume 1104.

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

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

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

Check one ▶  author  
 other copyright claimant  
 owner of exclusive rights) American Society for Testing and Materials  
 authorized agent of for Testing and Materials  
Name of author or other copyright claimant, or owner of exclusive rights) ▼

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 ▶ August 18, 1994

Handwritten signature (X) ▼ Robert L. Meltzer

MAIL CERTIFICATE TO

Certificates will be mailed in colored envelope

Name ▼ Kathe Hooper, ASTM

Number/Street Apartment Number ▼ 1916 Race Street

City/State/Zip ▼ Philadelphia, PA 19103-1187

11

• Complete all necessary steps  
• 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. 20540

\* 17 USC § 505 Any person who knowingly makes a false representation of a material fact in this 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 127**

## 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 1-094-853

October 1, 2019

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

United States Register of Copyrights and Director

# FORM TX

UNITED STATES COPYRIGHT OFFICE

|                                |                  |                 |
|--------------------------------|------------------|-----------------|
| REGISTRATION NUMBER            |                  |                 |
| <b>TX</b>                      | <b>1-094-853</b> |                 |
| <b>TX</b>                      | <b>TXU</b>       |                 |
| EFFECTIVE DATE OF REGISTRATION |                  |                 |
|                                | <b>23</b>        | <b>MAR 1983</b> |
| (Month)                        | (Day)            | (Year)          |

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

|                   |   |  |
|-------------------|---|--|
| <b>1</b><br>Title | <b>TITLE OF THIS WORK:</b> 1983 Annual Book of ASTM Standards<br>Section 1, Volume 01.02 Ferrous Castings; Ferroalloys;<br>Shipbuilding<br>If a periodical or serial give Vol No Issue Date                 | <b>PREVIOUS OR ALTERNATIVE TITLES:</b> |
|                   | <b>PUBLICATION AS A CONTRIBUTION:</b> (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  | Vol No Date                            |

|                       |   |   |   |
|-----------------------|---|---|---|
| <b>2</b><br>Author(s) | <b>IMPORTANT:</b> 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. |   |   |
|                       | <b>NAME OF AUTHOR:</b> American Society for Testing and Materials   |   | <b>DATES OF BIRTH AND DEATH:</b><br>Born (Year) Died (Year)                                     |
|                       | Was this author's contribution to the work a "work made for hire"? Yes <input checked="" type="checkbox"/> No   |   |   |
|                       | 1   | <b>AUTHOR'S NATIONALITY OR DOMICILE:</b><br>Citizen of (Name of Country) } or { Domiciled in U.S.A. (Name of Country) | <b>WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK:</b><br>Anonymous? Yes No<br>Pseudonymous? Yes No |
|                       |   | <b>AUTHOR OF:</b> (Briefly describe nature of this author's contribution)<br>Entire Text                              | If the answer to either of these questions is "Yes," see detailed instructions attached.        |
|                       | 2   | <b>NAME OF AUTHOR:</b><br>Was this author's contribution to the work a "work made for hire"? Yes No                   | <b>DATES OF BIRTH AND DEATH:</b><br>Born (Year) Died (Year)                                     |
|                       |   | <b>AUTHOR'S NATIONALITY OR DOMICILE:</b><br>Citizen of (Name of Country) } or { Domiciled in (Name of Country)        | <b>WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK:</b><br>Anonymous? Yes No<br>Pseudonymous? Yes No |
|                       | 3   | <b>AUTHOR OF:</b> (Briefly describe nature of this author's contribution)   | If the answer to either of these questions is "Yes," see detailed instructions attached.        |
|                       |   | <b>NAME OF AUTHOR:</b><br>Was this author's contribution to the work a "work made for hire"? Yes No                   | <b>DATES OF BIRTH AND DEATH:</b><br>Born (Year) Died (Year)                                     |
| 3                     | <b>AUTHOR'S NATIONALITY OR DOMICILE:</b><br>Citizen of (Name of Country) } or { Domiciled in (Name of Country)  | <b>WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK:</b><br>Anonymous? Yes No<br>Pseudonymous? Yes No                       |   |
|                       | <b>AUTHOR OF:</b> (Briefly describe nature of this author's contribution)   | If the answer to either of these questions is "Yes," see detailed instructions attached.                              |   |

|                                      |  |  |
|--------------------------------------|--|--|
| <b>3</b><br>Creation and Publication | <b>YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED:</b><br>Year 1983<br>(This information must be given in all cases.) | <b>DATE AND NATION OF FIRST PUBLICATION:</b><br>Date January 20 1983<br>(Month) (Day) (Year)<br>Nation United States<br>(Name of Country)<br>(Complete this block ONLY if this work has been published.) |
|--------------------------------------|--|--|

|                         |   |
|-------------------------|---|
| <b>4</b><br>Claimant(s) | <b>NAME(S) AND ADDRESS(ES) OF COPYRIGHT CLAIMANT(S):</b><br>American Society for Testing and Materials<br>1916 Race Street<br>Philadelphia, PA 19013  |
|                         | <b>TRANSFER:</b> (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 | 1-094-853 | EXAMINED BY: <u>                    </u><br>CHECKED BY: <u>                    </u> | APPLICATION RECEIVED:<br>23 MAR 1982            | FOR<br>COPYRIGHT<br>OFFICE<br>USE<br>ONLY |
|    |           | CORRESPONDENCE<br><input type="checkbox"/> Yes                                      | DEPOSIT RECEIVED:<br>23 MAR 1982                |   |
|    |           | DEPOSIT ACCOUNT<br>FUNDS USED<br><input type="checkbox"/>                           | REMITTANCE NUMBER AND DATE:<br>164232 MAR 23 82 |   |

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

|   |   |
|---|---|
| <b>PREVIOUS REGISTRATION:</b> <ul style="list-style-type: none"> <li>• Has registration for this work, or for an earlier version of this work, already been made in the Copyright Office? Yes <input checked="" type="checkbox"/> No</li> <li>• If your answer is "Yes," why is another registration being sought? (Check appropriate box)             <ul style="list-style-type: none"> <li><input type="checkbox"/> This is the first published edition of a work previously registered in unpublished form</li> <li><input type="checkbox"/> This is the first application submitted by the author as copyright claimant</li> <li><input checked="" type="checkbox"/> This is a changed version of the work, as shown by line 6 of this application</li> </ul> </li> <li>• If your answer is "Yes," give Previous Registration Number TX 867-428 &amp; 988-069 Year of Registration 1982</li> </ul> | 5 |
|---|---|

Previous  
Registration

|   |   |
|---|---|
| <b>COMPILATION OR DERIVATIVE WORK:</b> (See instructions) <p>PREEXISTING MATERIAL. (Identify any preexisting work or works that this work is based on or incorporates)</p> <p>{ 1982 Annual Book of ASTM Standards Part 2 and Part 46</p> <p>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.)</p> <p>{ Compilation of previously published text plus additional text in a new format.</p> | 6 |
|---|---|

Compilation  
or  
Derivative  
Work

|   |                        |                       |                     |            |   |
|---|------------------------|-----------------------|---------------------|------------|---|
| <b>MANUFACTURERS AND LOCATIONS:</b> (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.) <table style="width:100%; border: none;"> <tr> <td style="width:50%; border: none;">NAMES OF MANUFACTURERS</td> <td style="width:50%; border: none;">PLACES OF MANUFACTURE</td> </tr> <tr> <td style="border: none;">Waverly Press, Inc.</td> <td style="border: none;">Easton, MD</td> </tr> </table> | NAMES OF MANUFACTURERS | PLACES OF MANUFACTURE | Waverly Press, Inc. | Easton, MD | 7 |
| NAMES OF MANUFACTURERS  | PLACES OF MANUFACTURE  |                       |                     |            |   |
| Waverly Press, Inc.   | Easton, MD             |                       |                     |            |   |

Manufacturing

|  |   |
|--|---|
| <b>REPRODUCTION FOR USE OF BLIND OR PHYSICALLY-HANDICAPPED PERSONS:</b> (See instructions) <ul style="list-style-type: none"> <li>• 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 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.</li> </ul> <p style="text-align: center;"> <input checked="" type="checkbox"/> a Copies and phonorecords                  <input type="checkbox"/> b Copies Only                  <input type="checkbox"/> c Phonorecords Only         </p> | 8 |
|--|---|

License  
For  
Handicapped

|   |   |   |
|---|---|---|
| <b>DEPOSIT ACCOUNT:</b> (If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.) <p>Name: _____</p> <p>Account Number: _____</p> | <b>CORRESPONDENCE:</b> (Give name and address to which correspondence about this application should be sent.) <p>Name: Robert L. Metzler, ASTM</p> <p>Address: 1916 Race Street</p> <p style="text-align: center;">Philadelphia, PA 19013<sup>(APT)</sup></p> <p style="text-align: center;">(City) (State) (ZIP)</p> | 9 |
|---|---|---|

Fee and  
Correspondence

|   |    |
|---|----|
| <b>CERTIFICATION:</b> * I, the undersigned, hereby certify that I am the: (Check one) American Society for Testing and <ul style="list-style-type: none"> <li><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 <u>Materials</u></li> </ul> <p>(Name of author or other copyright claimant, or owner of exclusive right(s))</p> <p>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.</p> <p style="text-align: center;">  Handwritten signature: (X) _____<br/>             Typed or printed name: Robert L. Metzler Date: _____         </p> | 10 |
|---|----|

Certification  
(Application  
must be  
signed)

|   |   |    |
|---|---|----|
| <p style="text-align: center;">American Society for Testing and Materials</p> <p style="text-align: center;">(Name)</p> <p style="text-align: center;">1916 Race Street</p> <p style="text-align: center;">(Number, Street and Apartment Number)</p> <p style="text-align: center;">Philadelphia, PA 19103</p> <p style="text-align: center;">(City) (State) (ZIP code)</p> | <p style="font-size: 1.2em; margin: 0;">MAIL<br/>CERTIFICATE<br/>TO</p> <p style="font-size: 0.8em; margin: 5px 0 0 0;">(Certificate will<br/>be mailed in<br/>window envelope)</p> | 11 |
|---|---|----|

Address  
For Return  
of  
Certificate

\* 17 USC § 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.

\* U.S. GOVERNMENT PRINTING OFFICE: 1980: 341-278/1

Nov. 1980 - 500,000



**EXHIBIT 128**

## 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 814-687**

**October 1, 2019**

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

United States Register of Copyrights and Director

# FORM TX

UNITED STATES COPYRIGHT OFFICE

|                                |              |
|--------------------------------|--------------|
| REGISTRATION NUMBER            |              |
| TX                             | 814-687      |
| TX                             | TXU          |
| EFFECTIVE DATE OF REGISTRATION |              |
| Oct                            | 16 1981      |
| (Month)                        | (Day) (Year) |

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

|   |   |  |
|---|---|--|
| <b>1</b><br>Title   | <b>TITLE OF THIS WORK:</b> 1981 Annual Book of ASTM Standards<br>Part 46: End Use and Consumer Products | <b>PREVIOUS OR ALTERNATIVE TITLES:</b> |
|   | If a periodical or serial give Vol No Issue Date  |  |
| <b>PUBLICATION AS A CONTRIBUTION:</b> (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 Vol No Date Pages  |   |  |

|   |  |   |   |
|---|--|---|---|
| <b>2</b><br>Author(s)   | <b>IMPORTANT:</b> 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. |   |   |
|   | <b>NAME OF AUTHOR:</b> American Society for Testing and Materials  |   | <b>DATES OF BIRTH AND DEATH:</b>  |
|   | Was this author's contribution to the work a "work made for hire"? Yes <input checked="" type="checkbox"/> No  |   | Born (Year) Died (Year)   |
|   | 1  | <b>AUTHOR'S NATIONALITY OR DOMICILE:</b>  | <b>WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK:</b>                                      |
|   |  | Citizen of (Name of Country) } or { Domiciled in U.S.A. (Name of Country)               | Anonymous? Yes No<br>Pseudonymous? Yes No   |
|   | <b>AUTHOR OF:</b> (Briefly describe nature of this author's contribution)<br>Entire Text   |   | If the answer to either of these questions is "Yes," see detailed instructions attached |
|   | 2  | <b>NAME OF AUTHOR:</b>  | <b>DATES OF BIRTH AND DEATH:</b>  |
|   |  | Was this author's contribution to the work a "work made for hire"? Yes No               |   |
|   |  | <b>AUTHOR'S NATIONALITY OR DOMICILE:</b>  | <b>WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK:</b>                                      |
| Citizen of (Name of Country) } or { Domiciled in (Name of Country)        |  | Anonymous? Yes No<br>Pseudonymous? Yes No   |   |
| <b>AUTHOR OF:</b> (Briefly describe nature of this author's contribution) |  | If the answer to either of these questions is "Yes," see detailed instructions attached |   |
| 3   | <b>NAME OF AUTHOR:</b>   | <b>DATES OF BIRTH AND DEATH:</b>  |   |
|   | Was this author's contribution to the work a "work made for hire"? Yes No  |   |   |
|   | <b>AUTHOR'S NATIONALITY OR DOMICILE:</b>   | <b>WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK:</b>                                      |   |
| Citizen of (Name of Country) } or { Domiciled in (Name of Country)        |  | Anonymous? Yes No<br>Pseudonymous? Yes No   |   |
| <b>AUTHOR OF:</b> (Briefly describe nature of this author's contribution) |  | If the answer to either of these questions is "Yes," see detailed instructions attached |   |

|                                      |  |   |
|--------------------------------------|--|---|
| <b>3</b><br>Creation and Publication | <b>YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED:</b>                  | <b>DATE AND NATION OF FIRST PUBLICATION:</b>  |
|                                      | Year 1981<br><small>(This information must be given in all cases.)</small> | Date September 1 1981<br>Nation United States<br><small>(Complete this block ONLY if this work has been published.)</small> |

|                         |   |
|-------------------------|---|
| <b>4</b><br>Claimant(s) | <b>NAME(S) AND ADDRESS(ES) OF COPYRIGHT CLAIMANT(S):</b><br>American Society for Testing and Materials<br>1916 Race Street<br>Philadelphia, PA 19103  |
|                         | <b>TRANSFER:</b> (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 814-687 | EXAMINED BY: _____                             | APPLICATION RECEIVED: 16 OCT 1981      | FOR<br>COPYRIGHT<br>OFFICE<br>USE<br>ONLY |
|            | CHECKED BY: _____                              | DEPOSIT RECEIVED: 16 OCT 1981          |   |
|            | CORRESPONDENCE<br><input type="checkbox"/> Yes | REMITTANCE NUMBER AND DATE: 17,241 100 |   |

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

|  |                                      |
|--|--------------------------------------|
| <b>PREVIOUS REGISTRATION:</b><br>• Has registration for this work, or for an earlier version of this work, already been made in the Copyright Office? Yes <input checked="" type="checkbox"/> No<br>• If your answer is "Yes," why is another registration being sought? (Check appropriate box)<br><input type="checkbox"/> This is the first published edition of a work previously registered in unpublished form<br><input type="checkbox"/> This is the first application submitted by this author as copyright claimant<br><input type="checkbox"/> This is a changed version of the work, as shown by line 6 of this application<br>• If your answer is "Yes," give Previous Registration Number TX 565-140 Year of Registration 1980 | <b>5</b><br>Previous<br>Registration |
|--|--------------------------------------|

|   |   |
|---|---|
| <b>COMPILATION OR DERIVATIVE WORK:</b> (See instructions)<br>PREEXISTING MATERIAL (Identify any preexisting work or works that this work is based on or incorporates)<br>{ 1980 Annual Book of ASTM Standards, Part 46<br>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)<br>{ Compilation of previously published text plus additional text | <b>6</b><br>Compilation<br>or<br>Derivative<br>Work |
|---|---|

|  |                                |
|--|--------------------------------|
| <b>MANUFACTURERS AND LOCATIONS:</b> (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.)<br>NAMES OF MANUFACTURERS: Waverly Press, Inc.<br>PLACES OF MANUFACTURE: Easton, MD | <b>7</b><br>Manufactur-<br>ing |
|--|--------------------------------|

|  |   |
|--|---|
| <b>REPRODUCTION FOR USE OF BLIND OR PHYSICALLY-HANDICAPPED PERSONS:</b> (See instructions)<br>• 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 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<br>a <input checked="" type="checkbox"/> Copies and phonorecords      b <input type="checkbox"/> Copies Only      c <input type="checkbox"/> Phonorecords Only | <b>8</b><br>License<br>For<br>Handicapped |
|--|---|

|   |   |  |
|---|---|--|
| <b>DEPOSIT ACCOUNT:</b> (If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.)<br>Name _____<br>Account Number _____ | <b>CORRESPONDENCE:</b> (Give name and address to which correspondence about this application should be sent.)<br>Name: Robert L. Meltzer, ASTM<br>Address: 1916 Race Street<br>Philadelphia, PA 19103<br>(City) (State) (ZIP) | <b>9</b><br>Fee and<br>Correspond-<br>ence |
|---|---|--|

|   |  |
|---|--|
| <b>CERTIFICATION:</b> * I, the undersigned, hereby certify that I am the (Check one) American Society for Testing and Materials<br><input type="checkbox"/> author <input type="checkbox"/> other copyright claimant <input type="checkbox"/> owner of exclusive rights) <input checked="" type="checkbox"/> authorized agent of<br>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.<br>Handwritten signature (X) <i>Robert L. Meltzer</i><br>Typed or printed name: Robert L. Meltzer Date: 12/15/81 | <b>10</b><br>Certification<br>(Application<br>must be<br>signed) |
|---|--|

|  |   |   |
|--|---|---|
| American Society for Testing and Materials<br>(Name)<br>1916 Race Street<br>(Number, Street and Apartment Number)<br>Philadelphia, PA 19103<br>(City) (State) (ZIP code) | <b>MAIL<br/>CERTIFICATE<br/>TO</b><br>(Certificate will<br>be mailed in<br>window envelope) | <b>11</b><br>Address<br>For Return<br>of<br>Certificate |
|--|---|---|

# **EXHIBIT 129**

REGISTRATION NUMBER



EFFECTIVE DATE OF REGISTRATION

9 18 95  
Month Day Year

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

TITLE OF THIS SERIAL  
1995 Annual Book of ASTM Standards: *Water and Environmental Technology  
Environmental Assessment, Hazardous Substances and Air Quality  
Responses, Waste Management*

Volume 11 Number 04 Date on Copies September 1995 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 OR Citizen of 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. Entire Text

NAME OF AUTHOR 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 OR Citizen of Domiciled in  
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:

NAME OF AUTHOR 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 OR Citizen of Domiciled in  
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:

YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED 1995 DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE Month September Day 5 Year 1995 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 19103-1187

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 SEP 18 1995  
ONE DEPOSIT RECEIVED  
TWO DEPOSITS RECEIVED SEP 18 1995  
REMITTANCE NUMBER AND DATE

CHECKED BY

*[Signature]*

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?

es  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.

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

TX# *3-883-919*

1994

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

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

64 **Annual Book of ASTM Standards, Section 11, Volume 04.**

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—

PRODUCTION FOR USE OF BLIND OR PHYSICALLY HANDICAPPED INDIVIDUALS A signature on this form at space 10, and a mark 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 physically handicapped and under the conditions and limitations prescribed by the regulations of the Copyright Office: (1) copies of the work identified in space 3 in 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

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.

me *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**

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) ▲

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

signed 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 ▶

*September 14, 1995*

Handwritten signature (X) ▼

*Robert L. Meltzer*

ALL  
CERTIFI-  
CATE TO

Name ▼

**Kathe Hooper, ASTM**

Number/Street-Apartment Number ▼

**1916 Race Street**

City/State/ZIP ▼

**Philadelphia, PA 19103-1187**

certificate  
will be  
filled 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

# **EXHIBIT 130**



## 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 988-069

October 1, 2019

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

United States Register of Copyrights and Director

**FORM 1**

UNITED STATES COPYRIGHT OFFICE

|                                |            |
|--------------------------------|------------|
| REGISTRATION NUMBER            |            |
| TX                             | 988-069    |
| (TX)                           | TXU        |
| EFFECTIVE DATE OF REGISTRATION |            |
| 10<br>(Month)                  | 6<br>(Day) |
| 82<br>(Year)                   |            |

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

|   |   |  |
|---|---|--|
| <b>1</b><br>Title   | <b>TITLE OF THIS WORK:</b> 1982 Annual Book of ASTM Standards<br>Part 46: End Use and Consumer Products | <b>PREVIOUS OR ALTERNATIVE TITLES:</b> |
|   | If a periodical or serial give Vol No Issue Date  |  |
| <b>PUBLICATION AS A CONTRIBUTION:</b> (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  | Vol No Date   | Pages                                  |

|  |   |   |   |   |   |  |   |   |   |  |
|--|---|---|---|---|---|--|---|---|---|--|
| <b>2</b><br>Author(s)  | <b>IMPORTANT:</b> 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.   |   |   |   |   |  |   |   |   |  |
|  | <b>1</b>  | <table border="1"> <tr> <td><b>NAME OF AUTHOR:</b> American Society for Testing and Materials</td> <td><b>DATES OF BIRTH AND DEATH:</b><br/>Born (Year) Died (Year)</td> </tr> <tr> <td>Was this author's contribution to the work a "work made for hire"? Yes <input checked="" type="checkbox"/> No</td> <td></td> </tr> <tr> <td><b>AUTHOR'S NATIONALITY OR DOMICILE:</b><br/>Citizen of (Name of Country) } or { Domiciled in U.S.A. (Name of Country)</td> <td><b>WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK:</b><br/>Anonymous? Yes No<br/>Pseudonymous? Yes No</td> </tr> <tr> <td><b>AUTHOR OF:</b> (Briefly describe nature of this author's contribution)<br/>Collective Works</td> <td>If the answer to either of these questions is "Yes," see detailed instructions attached</td> </tr> </table> | <b>NAME OF AUTHOR:</b> American Society for Testing and Materials | <b>DATES OF BIRTH AND DEATH:</b><br>Born (Year) Died (Year)               | Was this author's contribution to the work a "work made for hire"? Yes <input checked="" type="checkbox"/> No |  | <b>AUTHOR'S NATIONALITY OR DOMICILE:</b><br>Citizen of (Name of Country) } or { Domiciled in U.S.A. (Name of Country) | <b>WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK:</b><br>Anonymous? Yes No<br>Pseudonymous? Yes No | <b>AUTHOR OF:</b> (Briefly describe nature of this author's contribution)<br>Collective Works | If the answer to either of these questions is "Yes," see detailed instructions attached  |
|  | <b>NAME OF AUTHOR:</b> American Society for Testing and Materials   | <b>DATES OF BIRTH AND DEATH:</b><br>Born (Year) Died (Year)   |   |   |   |  |   |   |   |  |
|  | Was this author's contribution to the work a "work made for hire"? Yes <input checked="" type="checkbox"/> No   |   |   |   |   |  |   |   |   |  |
|  | <b>AUTHOR'S NATIONALITY OR DOMICILE:</b><br>Citizen of (Name of Country) } or { Domiciled in U.S.A. (Name of Country)   | <b>WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK:</b><br>Anonymous? Yes No<br>Pseudonymous? Yes No   |   |   |   |  |   |   |   |  |
|  | <b>AUTHOR OF:</b> (Briefly describe nature of this author's contribution)<br>Collective Works   | If the answer to either of these questions is "Yes," see detailed instructions attached   |   |   |   |  |   |   |   |  |
|  | <b>2</b>  | <table border="1"> <tr> <td><b>NAME OF AUTHOR:</b></td> <td><b>DATES OF BIRTH AND DEATH:</b><br/>Born (Year) Died (Year)</td> </tr> <tr> <td>Was this author's contribution to the work a "work made for hire"? Yes No</td> <td></td> </tr> <tr> <td><b>AUTHOR'S NATIONALITY OR DOMICILE:</b><br/>Citizen of (Name of Country) } or { Domiciled in (Name of Country)</td> <td><b>WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK:</b><br/>Anonymous? Yes No<br/>Pseudonymous? Yes No</td> </tr> <tr> <td><b>AUTHOR OF:</b> (Briefly describe nature of this author's contribution)</td> <td>If the answer to either of these questions is "Yes," see detailed instructions attached.</td> </tr> </table>   | <b>NAME OF AUTHOR:</b>  | <b>DATES OF BIRTH AND DEATH:</b><br>Born (Year) Died (Year)               | Was this author's contribution to the work a "work made for hire"? Yes No                                     |  | <b>AUTHOR'S NATIONALITY OR DOMICILE:</b><br>Citizen of (Name of Country) } or { Domiciled in (Name of Country)        | <b>WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK:</b><br>Anonymous? Yes No<br>Pseudonymous? Yes No | <b>AUTHOR OF:</b> (Briefly describe nature of this author's contribution)                     | If the answer to either of these questions is "Yes," see detailed instructions attached. |
|  | <b>NAME OF AUTHOR:</b>  | <b>DATES OF BIRTH AND DEATH:</b><br>Born (Year) Died (Year)   |   |   |   |  |   |   |   |  |
|  | Was this author's contribution to the work a "work made for hire"? Yes No   |   |   |   |   |  |   |   |   |  |
| <b>AUTHOR'S NATIONALITY OR DOMICILE:</b><br>Citizen of (Name of Country) } or { Domiciled in (Name of Country) | <b>WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK:</b><br>Anonymous? Yes No<br>Pseudonymous? Yes No   |   |   |   |   |  |   |   |   |  |
| <b>AUTHOR OF:</b> (Briefly describe nature of this author's contribution)                                      | If the answer to either of these questions is "Yes," see detailed instructions attached.  |   |   |   |   |  |   |   |   |  |
| <b>3</b>   | <table border="1"> <tr> <td><b>NAME OF AUTHOR:</b></td> <td><b>DATES OF BIRTH AND DEATH:</b><br/>Born (Year) Died (Year)</td> </tr> <tr> <td>Was this author's contribution to the work a "work made for hire"? Yes No</td> <td></td> </tr> <tr> <td><b>AUTHOR'S NATIONALITY OR DOMICILE:</b><br/>Citizen of (Name of Country) } or { Domiciled in (Name of Country)</td> <td><b>WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK:</b><br/>Anonymous? Yes No<br/>Pseudonymous? Yes No</td> </tr> <tr> <td><b>AUTHOR OF:</b> (Briefly describe nature of this author's contribution)</td> <td>If the answer to either of these questions is "Yes," see detailed instructions attached.</td> </tr> </table> | <b>NAME OF AUTHOR:</b>  | <b>DATES OF BIRTH AND DEATH:</b><br>Born (Year) Died (Year)       | Was this author's contribution to the work a "work made for hire"? Yes No |   | <b>AUTHOR'S NATIONALITY OR DOMICILE:</b><br>Citizen of (Name of Country) } or { Domiciled in (Name of Country) | <b>WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK:</b><br>Anonymous? Yes No<br>Pseudonymous? Yes No                       | <b>AUTHOR OF:</b> (Briefly describe nature of this author's contribution)                       | If the answer to either of these questions is "Yes," see detailed instructions attached.      |  |
| <b>NAME OF AUTHOR:</b>   | <b>DATES OF BIRTH AND DEATH:</b><br>Born (Year) Died (Year)   |   |   |   |   |  |   |   |   |  |
| Was this author's contribution to the work a "work made for hire"? Yes No                                      |   |   |   |   |   |  |   |   |   |  |
| <b>AUTHOR'S NATIONALITY OR DOMICILE:</b><br>Citizen of (Name of Country) } or { Domiciled in (Name of Country) | <b>WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK:</b><br>Anonymous? Yes No<br>Pseudonymous? Yes No   |   |   |   |   |  |   |   |   |  |
| <b>AUTHOR OF:</b> (Briefly describe nature of this author's contribution)                                      | If the answer to either of these questions is "Yes," see detailed instructions attached.  |   |   |   |   |  |   |   |   |  |

|                                      |   |  |
|--------------------------------------|---|--|
| <b>3</b><br>Creation and Publication | <b>YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED:</b><br>Year 1982<br><small>(This information must be given in all cases.)</small> | <b>DATE AND NATION OF FIRST PUBLICATION:</b><br>Date August 5 1982<br><small>(Month) (Day) (Year)</small><br>Nation United States<br><small>(Name of Country)</small><br><small>(Complete this block ONLY if this work has been published)</small> |
|--------------------------------------|---|--|

|                         |   |
|-------------------------|---|
| <b>4</b><br>Claimant(s) | <b>NAME(S) AND ADDRESS(ES) OF COPYRIGHT CLAIMANT(S):</b><br>American Society for Testing and Materials<br>1916 Race street<br>Philadelphia, PA 19103  |
|                         | <b>TRANSFER:</b> (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<br><br>988-069 | EXAMINED BY<br>CHECKED BY <i>VL</i>                       | APPLICATION RECEIVED<br>06 OCT 1982              | FOR<br>COPYRIGHT<br>OFFICE<br>USE<br>ONLY |
|                   | CORRESPONDENCE<br><input type="checkbox"/> Yes            | DEPOSIT RECEIVED<br>06 OCT 1982 06 OCT 1982      |   |
|                   | DEPOSIT ACCOUNT<br>FUNDS USED<br><input type="checkbox"/> | REMITTANCE NUMBER AND DATE<br><br>04691 OCT 6 82 |   |

**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 unpublished form
- 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 814-687 Year of Registration 1981

5

Previous  
Registration

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

PREEXISTING MATERIAL. (Identify any preexisting work or works that this work is based on or incorporates.)

1981 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.)

Compilation of previously published text plus additional text.

6

Compilation  
or  
Derivative  
Work

**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

7

Manufacturing

**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 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

8

License  
for  
Handicapped

**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) (ZIP)

9

Fee and  
Correspondence

**CERTIFICATION:** \* I, the undersigned, hereby certify that I am the: (Check one) American Society for Testing and

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



Handwritten signature: (X) *Robert L. Meltzer*  
Typed or printed name: Robert L. Meltzer

Date: 9/3/82

10

Certification  
(Application  
must be  
signed)

American Society for Testing and Materials

1916 Race Street, 2nd floor RLM  
(Number, Street and Apartment Number)

Philadelphia, PA 19103  
(City) (State) (ZIP code)

**MAIL  
CERTIFICATE  
TO**

(Certificate will  
be mailed in  
window envelope)

11

Address  
For Return  
of  
Certificate

# **EXHIBIT 131**

## 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 1-187-014**

**October 1, 2019**

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

United States Register of Copyrights and Director

FORM TX  
UNITED STATES COPYRIGHT OFFICE

REGISTRATION NUMBER

TX 1-187-014

TX TXU  
EFFECTIVE DATE OF REGISTRATION

SEP 14 1983  
Month Day Year

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

1 TITLE OF THIS WORK ▼ 1983 Annual Book of ASTM Standards Section 11 Volume 11.04  
Pesticided; Resource Recovery; Hazardous Substances and Oil Spill Response;  
Waste Disposal; Biological Effects

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. Title of Collective Work ▼

If published in a periodical or serial give: Volume ▼ Number ▼ Issue Date ▼ On Pages ▼

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 ► U.S.A.

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. ▼  
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. ▼

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. ▼

3 YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED This information must be given in all cases.  
1983 ◀ Year

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR WORK  
Complete this information ONLY if this work has been published. Month ► August Day ► 25 Year ► 1983  
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  
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 HERE OFFICE USE ONLY  
APPLICATION RECEIVED 14 SEP 1983  
ONE DEPOSIT RECEIVED  
TWO DEPOSITS RECEIVED 14 SEP 1983  
REMITTANCE NUMBER AND DATE 325661 SEP 14 83

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

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.

TX 1-187-014

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 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 unpublished form

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

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

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

TX 925-737,981-069,932-027 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 31, 41, 46, respectively

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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Robert 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 ▶ 8/31/83



Handwritten signature (X) ▼

Robert L. Meltzer

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|                                  |  |
|----------------------------------|--|
| Name ▼                           | American Society for Testing and Materials (RLM) |
| Number/Street/Apartment Number ▼ | 1916 Race Street                                 |
| City/State/ZIP ▼                 | Philadelphia, PA 19103                           |

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MAIL TO: Register of Copyrights Library of Congress, Washington D.C. 20558

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# **EXHIBIT 132**



TX 2-046-852

EFFECTIVE DATE OF REGISTRATION

3 9 1987  
Month Day Year

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1

TITLE OF THIS SERIAL ▼ 1987 Annual Book of ASTM Standards, Ferrous Casings; Ferroalloys; Shipbuilding

Volume ▼ 01.02 Number ▼ 01 Date on Copies ▼ January 1987 Frequency of Publication ▼ 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.

NOTE

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

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 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  
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

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

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE  
Complete this information ONLY if this work has been published.  
Month ► January Day ► 23 Year ► 1987  
U. S. A. Nation

4

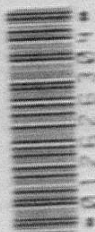
COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the same as the author given in space 2 ▼  
American Society for Testing and Materials  
1916 Race Street  
Philadelphia, PA 19103

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MAR 09 1987  
ONE DEPOSIT RECEIVED  
TWO DEPOSITS RECEIVED  
MAR 09 1987  
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. ▼

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A. J. Jundt Rec'd 5/9/87

012626304



TX 2-046-852

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- 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 1-778-677 Year of Registration 1986

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. 1986 Annual Book of ASTM Standards Section 01, Volume 01.02
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. Compilation of previous published text plus additional text.

See instructions before completing this space.

6

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

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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 Account Number

9

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

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 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 2/24/87

date

10

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?
- 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

\* 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 133**

## 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 3-524-687**

**October 2, 2019**

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

United States Register of Copyrights and Director

FORM SE  
UNITED STATES COPYRIGHT OFFICE

REGISTRATION NUMBER

IX 3 524 687

EFFECTIVE DATE OF REGISTRATION

APR 09 1993

Month Day Year

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

TITLE OF THIS SERIAL

1993 Annual Book of ASTM Standards: Iron and Steel Products:  
SHIPBUILDING

Volume

01

Number

07

Date on Copies

JANUARY 1993

Frequency of Publication

Annual

PREVIOUS OR ALTERNATIVE TITLES

NAME OF AUTHOR

2 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

Citizen of 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

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

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Pseudonymous?  Yes  No

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

NATURE OF AUTHORSHIP

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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

Citizen of  
Domiciled in

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

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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

1993 4 Year

b DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE

Month Day Year 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 & Materials  
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Philadelphia, PA 19103-1187

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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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Page 1 of 1

NOTE

Under the law, the "author" of a work is the person who creates the work.

057147519

057147519

EXAMINED BY

FORM SE

CHECKED BY

*[Handwritten initials]*

IX 3 524 687

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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 space 6 on this application.

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*TRF 3 278 410*

*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 on or incorporates.

*1992 Annual Book of ASTM Standards, Section 01, Volume 07.*

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 to the Copyright Office

—space deleted—

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See instructions

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**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 rights

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 application gives a date of publication in space 3, do not sign and submit it before that date.

*Robert L. Meltzer*

date

*3/12/93*

Handwritten signature

*Robert L. Meltzer*

MAIL CERTIFICATE TO

Certificates will be mailed in window envelope

Name  *Kathe Hooper, ASTM*

Number/Street Apartment Number  *1916 Race Street*

City/State/Zip  *Philadelphia, PA 19103-1187*

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2. Application fee

3. Reproductions \$20 filing fee in check or money order payable to Register of Copyrights

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Washington, D.C. 20540

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# **EXHIBIT 134**

# CERTIFICATE OF COPYRIGHT REGISTRATION

**FORM SE**  
UNITED STATES COPYRIGHT OFFICE

REGISTRATION NUMBER

**TX 2 606 739**

EFFECTIVE DATE OF REGISTRATION

**6 2 89**  
Month Day Year



OFFICIAL SEAL

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.

REGISTER OF COPYRIGHTS  
United States of America

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TITLE OF THIS SERIAL ▼

**1989 Annual Book of ASTM Standards, Ferrous Castings, Ferrous Alloys: Shipbuilding**

Volume ▼ Number ▼ Date on Copies ▼ Frequency of Publication ▼

**01.02 01 January 1989 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 ►  
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**

DATES OF BIRTH AND DEATH  
Year Born ▼ Year Died ▼

NAME OF AUTHOR ▼

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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DATES OF BIRTH AND DEATH  
Year Born ▼ Year Died ▼

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1989 Year

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Philadelphia, PA 19103**

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**JUN 02 1989**  
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- Sign the form at line 10.

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- Yes  No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼
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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 space 6 on this application.

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**TX 2-284-673 1988**

**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 01 Volume 01.02**

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. ▼  
**Compilation of previous published text plus additional text.**

See instruct  
before com  
this space.

**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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- a  Copies and Phonorecords
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See instruc

**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**

Be sure to  
give your  
daytime p  
number.

**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) ▲

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 ▶ **5/22/89**



Handwritten signature (X) ▼

MAIL  
CERTIFI-  
CATE TO

Certificate  
will be  
mailed in  
window  
envelope

|                                  |                               |
|----------------------------------|-------------------------------|
| Name ▼                           | <b>Kathe Scholl, ASTM</b>     |
| Number/Street/Apartment Number ▼ | <b>1916 Race Street</b>       |
| City/State/ZIP ▼                 | <b>Philadelphia, PA 19103</b> |

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.

# **EXHIBIT 135**



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

For a Serial  
 UNITED STATES COPYRIGHT OFFICE  
 REGISTRATION NUMBER  
**TX 4-862-629**  
 EFFECTIVE DATE OF REGISTRATION  
 3 17 99  
 Month Day Year

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TITLE OF THIS SERIAL ▼

1999 Annual Book of ASTM Standards - SHIPS AND MARINE TECHNOLOGY

|          |          |                  |                            |
|----------|----------|------------------|----------------------------|
| Volume ▼ | Number ▼ | Date on Copies ▼ | Frequency of Publication ▼ |
| 01.07    | 01.      | JANUARY 1999     | 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**

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  
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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: \_\_\_\_\_

c NAME OF AUTHOR ▼

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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: \_\_\_\_\_

3 a YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED

1999 Year

b DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE

Month ► JAN Day ► 26 Year ► 1999  
 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 & Materials  
 100 Barr Harbor Drive  
 West Conshohocken, PA 19428-2959

DO NOT WRITE HERE OFFICE USE ONLY

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

DO NOT WRITE HERE  
 Page 1 of 2 pages

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

EXAMINED BY

CHECKED BY

CORRESPONDENCE  
Yes

FORM SE

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 ▼

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. ▼

**1998 Annual Book of ASTM Standards, Section 01, Volume 01.07**

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**

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) ▶

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 ▶ **2/24/99**

Handwritten signature (X) ▼  
*Robert L. Meltzer*

MAIL CERTIFICATE TO

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

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.

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 136**



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 4-216-101



EFFECTIVE DATE OF REGISTRATION

MAR 13 1996

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: Iron and Steel Products - Shipbuilding

Volume

01

Number

07

Date on Copies

January '96

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

3 YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED  
1996 Year

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE  
Complete this information ONLY if this work has been published. Month February Day 7 Year 1996 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

APPLICATION RECEIVED

ONE DEPOSIT RECEIVED

TWO DEPOSITS RECEIVED

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

NOTE

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

081425006



\*081425006\*

EXAMINED BY

FORM SE

CHECKED BY

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 ▼ Year of Registration ▼

TX# 4-029-465 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 07, Volume 07.

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

- 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 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  
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 ▶ March 13, 1996

Handwritten signature (X) ▼

*Robert L. Meltzer*

MAIL CERTIFICATE TO

Certificate will be mailed in window envelope

|                                  |                                    |
|----------------------------------|------------------------------------|
| Name ▼                           | <b>Kathe Hooper, ASTM</b>          |
| Number Street Apartment Number ▼ | <b>1916 Race Street</b>            |
| City State ZIP ▼                 | <b>Philadelphia, PA 19103-1187</b> |

- 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

\* 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 137**





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.

*Maria A. Pallante*

Register of Copyrights, United States of America

Registration Number  
**TX 7-763-690**

Effective date of  
registration:  
April 10, 2013

**Title**

Title of Work: F1193 - 06 Standard Practice for Quality, Manufacture, and Construction of Amusement Rides and Devices

**Completion/Publication**

Year of Completion: 2006

Date of 1st Publication: March 3, 2006

Nation of 1st Publication: United States

**Author**

\* Author: ASTM International

Author Created: Entire Text

Work made for hire: Yes

Domiciled in: United States

**Copyright claimant**

Copyright Claimant: ASTM International

100 Barr Harbor Drive, West Conshohocken, PA, 19428, United States

**Limitation of copyright claim**

Material excluded from this claim: text

Previous registration and year: TX 6-270-668 2005

TX 6-076-444 2004

New material included in claim: text, editing

**Rights and Permissions**

Organization Name: ASTM International

Name: Kathleen Hooper

Email: khooper@astm.org

Telephone: 610-832-9634

Address: 100 Barr Harbor Drive

West Conshohocken, PA 19428 United States

**Certification**

**Name:** Kathleen Hooper

**Date:** April 10, 2013

---



\*00001X00077638300201\*

# **EXHIBIT 138**

## 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 2-864-187**

**October 2, 2019**

*Kay A. Leahy*

United States Register of Copyrights and Director

FORM SE

UNITED STATES COPYRIGHT OFFICE

REGISTRATION NUMBER

11 2 864 187

MAR 29 1990

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: SHIPBUILDING

Volume 01.07 Number 01 Date on Copies JANUARY Frequency of Publication ANNUAL

PREVIOUS OR ALTERNATIVE TITLES

NAME OF AUTHOR

American Society for Testing and Materials

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

DATES OF BIRTH AND DEATH Year Born Year Died

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

NATURE OF AUTHORSHIP Collective Work Other

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

NAME OF AUTHOR

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

DATES OF BIRTH AND DEATH Year Born Year Died

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

NATURE OF AUTHORSHIP Collective Work Other

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

NAME OF AUTHOR

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

DATES OF BIRTH AND DEATH Year Born Year Died

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

NATURE OF AUTHORSHIP Collective Work Other

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

YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED 1990

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE 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 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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IX 2 864 187

EXAMINED BY [Signature] FORM SE

CHECKED BY \_\_\_\_\_

CORRESPONDENCE Yes

DEPOSIT ACCOUNT FUNDS USED

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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?

X 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. X 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 of 606 739 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 01 Volume 01.02

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 ▼

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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- 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  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. 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

date ▼ 10-20-90

Handwritten signature (X) [Signature]

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. § 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 139**

## 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 3-035-186**

**October 2, 2019**

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

United States Register of Copyrights and Director



FORM SE  
UNITED STATES COPYRIGHT OFFICE

REGISTRATION NUMBER

TX 3 035-186

EFFECTIVE DATE OF REGISTRATION

4 15 91  
Month Day Year

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

1

TITLE OF THIS SERIAL

1991 Annual Book of ASTM Standards: IRON AND STEEL PRODUCTS:  
SHIP BUILDING

Volume

01-07

Number

01

Date on Copies

JANUARY

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

Who 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

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous?  Yes  No  
Pseudonym?  Yes  No

Who answers to either of these questions a "Yes" are detailed elsewhere.

NATURE OF AUTHORSHIP

Collective Work  Other: Entire Text

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

NAME OF AUTHOR

DATES OF BIRTH AND DEATH  
Year Born Year Died

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

Yes  
 No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country

Citizen of  
Domiciled in

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous?  Yes  No  
Pseudonym?  Yes  No

Who answers to either of these questions a "Yes" are detailed elsewhere.

NATURE OF AUTHORSHIP

Collective Work  Other:

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

NAME OF AUTHOR

DATES OF BIRTH AND DEATH  
Year Born Year Died

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

Yes  
 No

AUTHOR'S NATIONALITY OR DOMICILE  
Name of Country

Citizen of  
Domiciled in

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous?  Yes  No  
Pseudonym?  Yes  No

Who answers to either of these questions a "Yes" are detailed elsewhere.

NATURE OF AUTHORSHIP

Collective Work  Other:

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

3

YEAR IN WHICH CREATION OF THIS ISSUE WAS COMPLETED  
1991 4 Year

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR ISSUE  
U.S.A. Day 1 Year 91

4

COPYRIGHT CLAIMANT 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 19103-1167

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 15 1991

COPIES DEPOSIT RECEIVED

TWO DEPOSITS RECEIVED  
APR 15 1991

REGISTRATION NUMBER AND DATE

HERE ON BACK

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

FORM SE  
Page 1 of 2

TX 3 035-186

EXAMINED BY M FORM SE

CHECKED BY \_\_\_\_\_

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 as 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 ▾ TX 2 164 182  
Year of Registration ▾ 1990

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 ▾  
1990 Annual Book of ASTM Standards, Section 01, Volume 01.07

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 instruction, unless copying this space

—space deleted—

7

REPRODUCTION FOR USE OF BLIND OR PHYSICALLY HANDICAPPED INDIVIDUALS A signature on this form at space 2j, 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 symbol); 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

8 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 ▾

9

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name, Address, Apt. No., State, Zip ▾  
Robert L. Meltzer, ASTM  
1916 Race Street  
Philadelphia, PA 19103-1107  
Area Code & Telephone Number ▾ 215-299-5431

Be sure to get your daytime phone number

CERTIFICATION I, the undersigned, hereby certify that I am the  
Check one ▾  author  
 other copyright claimant  
 owner of exclusive rights  
 authorized agent of American Society for Testing and Materials  
Name of author or other copyright claimant or owner of exclusive rights ▾

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 3/21/91

Signature Kathe Hooper

MAIL CENTER CARE TO

Certificates will be mailed to window envelope

Name ▾ Kathe Hooper, ASTM

Number Street, Apartment Number ▾ 1916 Race Street

City, State, Zip ▾ Philadelphia, PA 19103-1107

11

1. Application fee  
2. Payment of fee by the author or copyright owner to the Library of Congress  
3. Deposit required

Library of Congress  
Library of Congress  
Washington, DC 20540

# **EXHIBIT 140**

IL 3 278 410

EFFECTIVE DATE OF REGISTRATION

MAR 30 1992

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

**1**

TITLE OF THIS SERIAL  $\nabla$   
**1992 ANNUAL BOOK OF ASTM STANDARDS, *Steel and Steel Products***  
*Substandard*

Volume  $\nabla$  **01.07** Number  $\nabla$  **01** Date in Copy  $\nabla$  **January 1992** Frequency of Publication  $\nabla$  **Annual**

PREVIOUS OR ALTERNATIVE TITLES  $\nabla$

**2**

**American Society for Testing and Materials**

DATE OF BIRTH AND DEATH  
 New Born  $\nabla$  Year Died  $\nabla$

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

AUTHOR'S NATIONALITY OR DOMICILE  
 Country or State  **United States**  
 Described as  $\nabla$

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

NATURE OF AUTHORSHIP  $\nabla$  Briefly describe nature of the material created by this author in which copyright is claimed  $\nabla$   
 Collective Work  Other **Patent Text**

**NOTE**

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