

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3422990

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	MERGER AND CHANGE OF NAME
<b>EFFECTIVE DATE:</b>	12/20/2012

**CONVEYING PARTY DATA**

Name	Execution Date
THOMSON REUTERS (SCIENTIFIC) INC.	12/20/2012

**NEWLY MERGED ENTITY DATA**

Name	Execution Date
THOMSON REUTERS (SCIENTIFIC) LLC.	12/20/2012

**MERGED ENTITY'S NEW NAME (RECEIVING PARTY)**

<b>Name:</b>	THOMSON REUTERS (SCIENTIFIC) LLC.
<b>Street Address:</b>	1500 SPRING GARDEN STREET
<b>City:</b>	PHILADELPHIA
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	19130

**PROPERTY NUMBERS Total: 5**

Property Type	Number
Patent Number:	7953724
Patent Number:	8676780
Patent Number:	8082241
Patent Number:	8566304
Application Number:	14059403

**CORRESPONDENCE DATA**

**Fax Number:** (502)568-2101

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Phone:** 5025682100

**Email:** kduncan@vhrlaw.com

**Correspondent Name:** KEVIN T. DUNCAN

**Address Line 1:** ONE RIVERFRONT PLAZA, SUITE 1950

**Address Line 2:** 401 W. MAIN ST.

**Address Line 4:** LOUISVILLE, KENTUCKY 40202

<b>ATTORNEY DOCKET NUMBER:</b>	113027.000034US3
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PATENT

<b>NAME OF SUBMITTER:</b>	KEVIN T. DUNCAN
<b>SIGNATURE:</b>	/Kevin T. Duncan/
<b>DATE SIGNED:</b>	07/01/2015
<b>Total Attachments: 12</b> source=TRSLLC conversion and evidence#page1.tif source=TRSLLC conversion and evidence#page2.tif source=TRSLLC conversion and evidence#page3.tif source=TRSLLC conversion and evidence#page4.tif source=TRSLLC conversion and evidence#page5.tif source=TRSLLC conversion and evidence#page6.tif source=TRSLLC conversion and evidence#page7.tif source=TRSLLC conversion and evidence#page8.tif source=TRSLLC conversion and evidence#page9.tif source=TRSLLC conversion and evidence#page10.tif source=TRSLLC conversion and evidence#page11.tif source=TRSLLC conversion and evidence#page12.tif	

# THOMSON REUTERS (SCIENTIFIC) LLC

## SECRETARY'S CERTIFICATE

I, Debbie N. Young, Assistant Secretary of Thomson Reuters (Scientific) LLC, do hereby certify that:

1. I am a duly elected, qualified and acting Assistant Secretary of Thomson Reuters (Scientific) LLC, a Delaware limited liability company (the "Company").

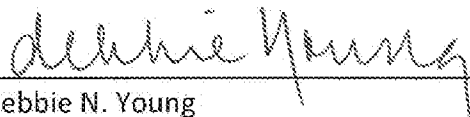
2. On November 7, 2012, Thomson Reuters (Scientific) Inc. was incorporated in the State of Delaware ("DE Corporation"). Attached hereto as Exhibit A is the Certificate of Incorporation issued by the Delaware Secretary of State.

3. On December 20, 2012, Thomson Reuters (Scientific) Inc., a Pennsylvania corporation ("PA Corporation") merged with and into DE Corporation. Attached hereto as Exhibit B is the Certificate of Merger issued by the Delaware Secretary of State.

4. On December 21, 2012, the DE Corporation converted from a corporation to a limited liability company. Attached hereto as Exhibit C are the Certificate of Conversion and Certificate of Formation issued by the Delaware Secretary of State.

5. The Company is a wholly-owned indirect subsidiary of Thomson Reuters Corporation, an Ontario, Canada company listed on both the Toronto Stock Exchange and the New York Stock Exchange. Prior to merging out of existence, PA Corporation was an indirect, wholly owned subsidiary of Thomson Reuters Corporation.

**IN WITNESS WHEREOF**, I have hereunto set my hand as the Assistant Secretary of the Company this 4<sup>th</sup> day of April 2013.

  
\_\_\_\_\_  
Debbie N. Young  
Assistant Secretary

**EXHIBIT A**

# Delaware

PAGE 1

*The First State*

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF INCORPORATION OF "THOMSON REUTERS (SCIENTIFIC) INC.", FILED IN THIS OFFICE ON THE SEVENTH DAY OF NOVEMBER, A.D. 2012, AT 1:56 O'CLOCK P.M.

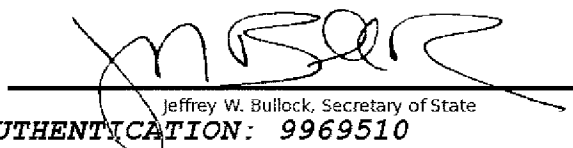
A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

5238266 8100

121203696

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 9969510

DATE: 11-07-12

PATENT  
REEL: 035991 FRAME: 0208

CERTIFICATE OF INCORPORATION

FIRST: The name of this corporation shall be: Thomson Reuters (Scientific) Inc.

SECOND: Its registered office in the State of Delaware is to be located at 2711 Centerville Road, Suite 400, in the City of Wilmington 19808, County of New Castle and its registered agent at such address is CORPORATION SERVICE COMPANY.

THIRD: The purpose or purposes of the corporation shall be to engage in any lawful act or activity for which corporations may be organized under the General Corporation Law of Delaware.

FOURTH: The total number of shares of stock which this corporation is authorized to issue is Ten Thousand (10,000) Common shares of the par value of One Cent (\$.01) each.

FIFTH: The name and address of the incorporator is John H. Pelletier, 1180 Avenue of the Americas, 2nd Floor, New York, NY 10036.

SIXTH: The Board of Directors shall have the power to adopt, amend or repeal the by-laws.

SEVENTH: No director shall be personally liable to the Corporation or its stockholders for monetary damages for any breach of fiduciary duty by such director as a director. Notwithstanding the foregoing sentence, a director shall be liable to the extent provided by applicable law, (i) for breach of the director's duty of loyalty to the Corporation or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) pursuant to Section 174 of the Delaware General Corporation Law or (iv) for any transaction from which the director derived an improper personal benefit. No amendment to or repeal of this Article Seventh shall apply to or have any effect on the liability or alleged liability of any director of the Corporation for or with respect to any acts or omissions of such director occurring prior to such amendment.

IN WITNESS WHEREOF, the undersigned, being the incorporator herein before named, has executed signed and acknowledged this certificate of incorporation this 7th day of November 2012.



Name: John H. Pelletier  
Incorporator

**EXHIBIT B**

# Delaware

PAGE 1

*The First State*

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"THOMSON REUTERS (SCIENTIFIC) INC.", A PENNSYLVANIA CORPORATION,

WITH AND INTO "THOMSON REUTERS (SCIENTIFIC) INC." UNDER THE NAME OF "THOMSON REUTERS (SCIENTIFIC) INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTIETH DAY OF DECEMBER, A.D. 2012, AT 5:26 O'CLOCK P.M.

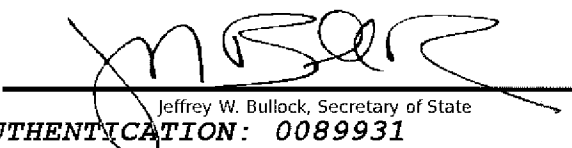
A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

5238266 8100M

121374143

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 0089931

DATE: 12-20-12

PATENT  
REEL: 035991 FRAME: 0211



STATE OF DELAWARE  
CERTIFICATE OF MERGER OF  
FOREIGN CORPORATION INTO  
A DOMESTIC CORPORATION

Pursuant to Title 8, Section 252 of the Delaware General Corporation Law, the undersigned corporation executed the following Certificate of Merger:

**FIRST:** The name of the surviving corporation is Thomson Reuters (Scientific) Inc., a Delaware corporation, and the name of the corporation being merged into this surviving corporation is Thomson Reuters (Scientific) Inc., a Pennsylvania corporation.

**SECOND:** The Agreement of Merger has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations pursuant to Title 8 Section 252 of the General Corporation Law of the State of Delaware.

**THIRD:** The name of the surviving corporation is Thomson Reuters (Scientific) Inc., a Delaware corporation.

**FOURTH:** The Certificate of Incorporation of the surviving corporation shall be its Certificate of Incorporation. (If amendments are affected please set forth)

**FIFTH:** The authorized stock and par value of the non-Delaware corporation is 5,000,000 common stock at a par value of \$0.10 per share.

**SIXTH:** The merger is to become effective on December 20, 2012.

**SEVENTH:** The Agreement of Merger is on file at c/o Thomson Reuters, Legal Dept. One Station Place, Stamford, CT 06902, an office of the surviving corporation.

**EIGHTH:** A copy of the Agreement of Merger will be furnished by the surviving corporation on request, without cost, to any stockholder of the constituent corporations.

**IN WITNESS WHEREOF**, said surviving corporation has caused this certificate to be signed by an authorized officer, the 20<sup>th</sup> day of December, A.D., 2012.

By: 

Authorized Officer

Name: Helen V. Stamatiadis

Print or Type

Title: Assistant Secretary

**EXHIBIT C**

# Delaware

PAGE 1

*The First State*

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "THOMSON REUTERS (SCIENTIFIC) INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "THOMSON REUTERS (SCIENTIFIC) INC." TO "THOMSON REUTERS (SCIENTIFIC) LLC", FILED IN THIS OFFICE ON THE TWENTY-FIRST DAY OF DECEMBER, A.D. 2012, AT 12 O'CLOCK P.M.

5238266 8100V

121377504

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 0091606

DATE: 12-21-12

PATENT  
REEL: 035991 FRAME: 0214

STATE OF DELAWARE  
CERTIFICATE OF CONVERSION  
FROM A CORPORATION TO A  
LIMITED LIABILITY COMPANY PURSUANT TO  
SECTION 18-214 OF THE LIMITED LIABILITY ACT

- 1.) The jurisdiction where the Corporation first formed is Delaware
- 2.) The jurisdiction immediately prior to filing this Certificate is Delaware
- 3.) The date the corporation first formed is November 7, 2012
- 4.) The name of the Corporation immediately prior to filing this Certificate is  
Thomson Reuters (Scientific) Inc.
- 5.) The name of the Limited Liability Company as set forth in the Certificate of  
Formation is Thomson Reuters (Scientific) LLC

~~IN WITNESS WHEREOF, the undersigned have executed this Certificate on the~~  
20<sup>th</sup> day of December, A.D. 2012

By:   
Authorized Person

Name: Helen V. Stamatiadis  
Print or Type

# Delaware

PAGE 2

*The First State*


I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF CERTIFICATE OF FORMATION OF "THOMSON REUTERS (SCIENTIFIC) LLC" FILED IN THIS OFFICE ON THE TWENTY-FIRST DAY OF DECEMBER, A.D. 2012, AT 12 O'CLOCK P.M.

5238266 8100V

121377504

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 0091606

DATE: 12-21-12

PATENT  
REEL: 035991 FRAME: 0216

STATE of DELAWARE  
LIMITED LIABILITY COMPANY  
CERTIFICATE of FORMATION

First: The name of the limited liability company is \_\_\_\_\_  
Thomson Reuters (Scientific) LLC

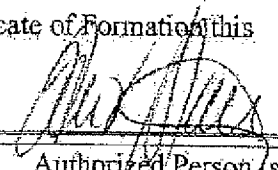
Second: The address of its registered office in the State of Delaware is \_\_\_\_\_  
2711 Centerville Road, Suite 400 \_\_\_\_\_ in the City of Wilmington

Zip code 19808 \_\_\_\_\_ The name of its Registered agent at such address is  
Corporation Service Company

Third: (Use this paragraph only if the company is to have a specific effective date of  
dissolution: "The latest date on which the limited liability company is to dissolve is  
\_\_\_\_\_")

Fourth: (Insert any other matters the members determine to include herein.)

In Witness Whereof, the undersigned have executed this Certificate of Formation this  
20<sup>th</sup> day of December, 2012

By:   
Authorized Person(s)

Name: Helen V. Stamatidis