# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5009635

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MARIUS DOORNENBAL	06/14/2018
SRINIVASA SATYA SAMEER KUMAR CHIVUKULA	06/15/2018
JUDSON DUNHAM	06/14/2018
RICK MISRA	06/15/2018
MICHELLE GREGORY	06/14/2018

#### RECEIVING PARTY DATA

Name:	ELSEVIER, INC.
Street Address:	360 PARK AVENUE SOUTH
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10010-1710

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16009924

## **CORRESPONDENCE DATA**

**Fax Number:** (513)977-8141

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:** 513-977-8200

**Email:** kristen.fonnesbeck@dinsmore.com

Correspondent Name: DINSMORE & SHOHL LLP Address Line 1: 255 EAST FIFTH STREET

Address Line 2: SUITE 1900

Address Line 4: CINCINNATI, OHIO 45202

Total Attachments: 4		
DATE SIGNED:	06/15/2018	
SIGNATURE:	/Gregory T. Wuennenberg/	
NAME OF SUBMITTER:	GREGORY T. WUENNENBERG	
ATTORNEY DOCKET NUMBER:	77434-81 / ELV0030PA	

Total Attachments: 4

PATENT REEL: 046102 FRAME: 0735 source=77434\_81\_Assignments\_Executed-wApplication No#page1.tif
source=77434\_81\_Assignments\_Executed-wApplication No#page2.tif
source=77434\_81\_Assignments\_Executed-wApplication No#page3.tif
source=77434\_81\_Assignments\_Executed-wApplication No#page4.tif

PATENT REEL: 046102 FRAME: 0736

### ASSIGNMENT

WOERDEN

🗆 Patent Application Serial	No.	16/009,924
🖾 Attomey Docket No	ELV	/0030PA / 77434-81

WHEREAS, **Elsevier**, **Inc.**, a corporation of the State of New York, with a place of business at 360 Park Avenue South, New York, NY 10010-1710, hereinafter called the *ASSIGNEE*, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any Letters Patent that may issue thereon;

AND, WHEREAS, it is the intent of the ASSIGNOR(S) to assign all rights to the above referenced application to the ASSIGNEE, including, but not limited to, all substantive rights in the above-referenced application as well as the right to claim priority, the right to be granted a patent in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States;

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto said ASSIGNEE, its successors and assigns, the entire right, title and interest, including the right to claim priority in and to said application, the inventions therein disclosed, and any improvements thereon, and in any and all Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, and in and to any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof:

ASSIGNOR(S) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions, and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, to issue, when granted, any Letters Patent thereon, and any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof, to said ASSIGNEE, its successors and assigns, as the assignee of the entire right title and interest in and to the same, for the sole use and behalf of the ASSIGNEE and the ASSIGNEE's successors and assigns, to the full end of the term for which the Letters Patent may be granted, including the term of any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof, as fully and entirely as the same would have been held by the ASSIGNOR(S) had this assignment not been made;

12993288v1

PATENT REEL: 046102 FRAME: 0737 ASSIGNOR(S) hereby authorize said ASSIGNEE, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof; and

ASSIGNOR(S) hereby agree that, upon request, ASSIGNOR(S) will sign all papers, and make all rightful oaths, and do all acts which said ASSIGNEE, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States application or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof.

ELSEVIER INC.
By: Mathus Danierbal
Date: 14th une 2010
By: Sances Van Chivukula Srinivasa Satya Sameer Kumar Chivukula
Date:
Ву:
Judson Dunham
Date:
Ву:
Rick Misra
and the second s
Dase;
Michelle Greeneys
Date: 4/6/2018

ASSIGNOR/S):

ASSIGNOR(S) hereby authorize said ASSIGNEE, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof; and

ASSIGNOR(S) hereby agree that, upon request, ASSIGNOR(S) will sign all papers, and make all rightful oaths, and do all acts which said ASSIGNEE, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States application or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof.

ASSIGNOR(S):
ELSEVIER, INC.
By: Marius Doornenbal
Marius Loornenoui
Date:
By:
Srinivasa Satya Sameer Kumar Chivukula
Date:
By:
Juason Dunnam
Date:
By: Aick Misra  Date: June 15th 208
Rick Misra
Date: 4 link 15 1 20 8
By: Michelle Gregory
mene mekal
Date:

ASSIGNOR(S) hereby authorize said ASSIGNEE, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof; and

ASSIGNOR(S) hereby agree that, upon request, ASSIGNOR(S) will sign all papers, and make all rightful oaths, and do all acts which said ASSIGNEE, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States application or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof.

ASMGNOR(S):
ELSEVIER, INC.
By: Marius Doornenbal
Date:
By: Srinivasa Satya Sameer Kumar Chivukula
Date:
By: Judson Dunham  Date: 14 June 2018
By:
Date:
By: Michelle Gregory
Date:

**PATENT** 

REEL: 046102 FRAME: 0740