

**SEVENTY-EIGHTH AMENDMENT TO  
ELSEVIER SUBSCRIPTION AGREEMENT**

WHEREAS, the parties hereto have previously entered into an agreement dated 5 February 2009 (the "Agreement") as last amended on 20 December 2012 and wish to amend the Agreement as set forth in this amendment ("Amendment").

NOW, THEREFORE, in consideration of the mutual promises and covenants set forth below, and for such other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree to amend the Agreement as of the execution date below as set forth below and on Schedule 1.

If the Subscriber exercises its option under the Agreement to purchase system-wide perpetual access rights to any Elsevier book products, Elsevier will refund to the University of California, San Diego ("UCSD") the amount that UCSD previously paid for such products, provided that the Subscriber's purchase occurs within the same calendar year of the UCSD purchase. If the Subscriber's purchase occurs after the calendar year of the UCSD purchase, then Elsevier will deduct the amount that UCSD previously paid for such products from the Fees due for the Subscriber's purchase.

Except as specifically amended hereby, all of the existing terms and conditions of the Agreement are hereby ratified. Capitalized terms used herein that are not otherwise defined shall have the meanings ascribed to them in the Agreement. To the extent any terms or conditions of the Agreement conflict with or are inconsistent with this Amendment, the terms of this Amendment shall prevail.

IN WITNESS WHEREOF, the parties have executed this Amendment by their respective, duly authorized representatives as of 21 December 2012.

**THE REGENTS OF THE UNIVERSITY OF CALIFORNIA o/b/o  
THE CALIFORNIA DIGITAL LIBRARY**

(Subscriber)  
[Text deleted]

Name: [Text deleted]  
Title: *Head of Acquisitions*

**ELSEVIER B.V.**  
(Elsevier)  
[Text deleted]

Title: *Managing Director, Global Sales & Customer Marketing, Science & Technology*

Amendment No.: 1-3721537739

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Schedule 1

Subscribed Products/Access/Fees

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA o/b/o  
THE CALIFORNIA DIGITAL LIBRARY

UNIVERSITY OF CALIFORNIA - SAN DIEGO / LA JOLLA

No. 1-3721537739

Subscribed Products – publisher	Access	2012
Elsevier eBooks Titles		[Text deleted]
<b>TOTAL FEES</b>		

Annex A to Schedule 1  
Elsevier eBooks Titles

UNIVERSITY OF CALIFORNIA - SAN DIEGO / LA JOLLA

Product ID	eBooks Titles	Final Net Price 2012
9780815515333	Adhesives Technology Handbook	[Text deleted]
9780123746269	Biomaterials Science	
9780124158719	Biomedical Optical Phase Microscopy and Nanoscopy	
9780123849250	Encyclopedia of Body Image and Human Appearance	
9780123750389	Encyclopedia of Creativity	
9780323087049	Endocrine and Reproductive Physiology	
9780080966687	Engineering Materials 2	
9780123850133	Essentials in Modern HPLC Separations	
9780124160491	Ethics for Graduate Researchers	
9780444563255	Fuel Cells	
9780123945938	Graphene	
9780123822567	Handbook of Mathematical Formulas and Integrals	
9780125614603	Handbook of Superconductivity	
9780123851109	Inorganic Chemistry	
9780444504388	Marine Geology of Korean Seas	
9780123859716	Materials and the Environment	
9780123878397	Molecular Beam Epitaxy	
9780444563361	Nanoparticle Technology Handbook	
9780123969637	R and Data Mining	
9780444563576	Regional Geology and Tectonics: Phanerozoic Passive Margins Cratonic Basins and Global Tectonic Maps	
9780444530424	Regional Geology and Tectonics: Principles of Geologic Analysis	
9780124159617	Rethinking Autism	
9780123847270	Scientific Papers and Presentations	
9780444594976	The Thermodynamics of Phase and Reaction Equilibria	
9781455700905	Vaccines	
9780750646369	Writing for Science and Engineering: Papers, Presentations and Reports	