

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BARRY L. KARGER	07/31/2007
JIAN ZHANG	09/18/2007
RECEIVING PARTY DATA	
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State/Country:	MASSACHUSETTS
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14048378
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ATTORNEY DOCKET NUMBER:	96176
NAME OF SUBMITTER:	LIN J. HYMEL
Signature:	/LIN J. HYMEL/
Date:	10/09/2013
Total Attachments: 3 source=Assignment-for-96176#page1.tif source=Assignment-for-96176#page2.tif source=Assignment-for-96176#page3.tif	

CH \$40.00 14048378

A S S I G N M E N T

In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, we,

Barry L. Karger, residing at 62 Deborah Road  
Newton, Massachusetts 02459 U.S.A.  
and  
Jian Zhang, residing at 1408 Fox Run Drive  
Plainsboro, New Jersey 08536 U.S.A.

hereby sell and assign to NORTHEASTERN UNIVERSITY, a Massachusetts corporation, having a principal place of business at 360 Huntington Avenue, Boston, Massachusetts 02115, U.S.A., its successors and assigns, the entire right, title and interest, including the right to claim priority under the International Convention, throughout the United States ("US"), its territories and all foreign countries in and to our invention in

NARROW BORE POROUS LAYER OPEN TUBE CAPILLARY  
COLUMN AND USES THEREOF

and PCT International Application No. PCT/US07/14398 filed on June 20, 2007 ("the PCT application") designating the United States and all other PCT member countries, all US and non-US applications that claim priority of the PCT application and such patents as may issue on any such applications, and all divisions, reissues, re-examinations and continuations and continuations-in-part thereof, however designated.

And we hereby covenant that we have full right to make such assignment, and agree for ourselves and our executors and administrators that we will, at the expense of said NORTHEASTERN UNIVERSITY, execute all applications for domestic and foreign patents including divisional, continuing, reissue and re-examination applications thereof, make all rightful oaths, sign all lawful papers, testify in any proceeding in which said invention or any application or patent directed thereto may be involved, and generally do everything possible to aid said NORTHEASTERN UNIVERSITY, its successors and assigns, to obtain and enforce proper patent protection for said invention(s) in the United States, its territories and all foreign countries.

And we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent on said invention or resulting therefrom to NORTHEASTERN UNIVERSITY, its successors and assigns.

NU-756Xq999

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals.

✓ Barry L. Karger  
Barry L. Karger

Date: ✓ 7/31/07


F. Martin  
Witness (Signature)

Date: 7/31/07

Felicia Martin  
Witness (Please Print Name)

NU-756Xq999

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals.

✓   
Jian Zhang

Date: ✓ 18 Sept 2007

  
Witness (Signature)

Date: 9/18/07

Kexin Sun  
Witness (Please Print Name)

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