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1. Name of conveying party(ies):
   - Omar M. Yaghi
   - Adam J. Matzger
   - Jesse L.C. Rowsell

   Additional name(s) of conveying party(ies) attached? Yes X No

2. Name and address of receiving party(ies):
   - Name: The Regents of the University of Michigan
   - Internal Address:
   - Street Address: 3003 S. State Street
   - City: Ann Arbor State: Michigan Zip: 48109

   Additional name(s) & address(es) attached? Yes X No

3. Nature of conveyance:
   - X Assignment
   - _____ Merger
   - _____ Security Agreement
   - _____ Change of Name
   - _____ Other

   Execution Date: May 7, 2004

4. Application number(s) or patent number(s):
   - 10841983

   If this document is being filed together with a new application, the execution date of the application is: May 7, 2004

5. Name and address of party to whom correspondence concerning document should be mailed:
   - Name: James W. Proscia
   - Address: Brooks Kushner P.C.
   - 1000 Town Center, Twenty-Second Floor
   - City: Southfield State: MI ZIP: 48075-1238

6. Total number of applications and patents involved: 1

7. Total Fee (37 C.F.R. § 1.21(h)) $ 40.00
   - X Enclosed
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8. Deposit Account Number: 02-3978

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   To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

   James W. Proscia
   Name of Person Signing
   Signature
   May 7, 2004
   Date

   Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:
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P.O. Box 1450, Alexandria, VA 22313-1450

PATENT
REEL: 015314 FRAME: 0563
ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, Omar M. Yaghi, Adam J. Matzger and Jesse L.C. Rowssell, of 2725 Craig Road, Ann Arbor, Michigan 48103, 1706 Shadford Road, Ann Arbor, Michigan 48104 and 1048 Island Drive Court, Apt. 103, Ann Arbor, Michigan 48105, respectively, do hereby assign, sell and set over to The Regents of the University of Michigan, a corporation organized and existing under the laws of the State of Michigan and having a place of business at 3003 S. State Street, Ann Arbor, Michigan 48109, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

IMPLEMENTATION OF A STRATEGY FOR ACHIEVING EXTRAORDINARY LEVELS OF SURFACE AREA AND POROSITY IN CRYSTALS

set forth in the application for United States Letters Patent executed by us on the _____ day of ____________, 20__, on the _____ day of ____________, 20__, and on the _____ day of ____________, 20__, respectively; or

for which an application for a United States Patent was filed on ____________, Application No. ____________, (we hereby authorize our attorney to insert the application filing date and number when they become known),

including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in our names, at its or their election, and we hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to said inventions and discoveries in all countries, including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.

And we hereby agree for ourselves, our heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

And we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein.

Date: May 7, 2004

OMAR M. YAGHI

Date: May 7, 2004

ADAM J. MATZGER
ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, Omar M. Yaghi, Adam J. Matzger and Jesse L.C. Rowsell, of 2725 Craig Road, Ann Arbor, Michigan 48103, 1706 Shadford Road, Ann Arbor, Michigan 48104 and 1048 Island Drive Court, Apt. 103, Ann Arbor, Michigan 48105, respectively, do hereby assign, sell and set over to The Regents of the University of Michigan, a corporation organized and existing under the laws of the State of Michigan and having a place of business at 3003 S. State Street, Ann Arbor, Michigan 48109, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

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And we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein.

Date: ____________ , 20__

OMAR M. YAGHI

Date: ____________ , 20__

ADAM J. MATZGER

Date: May 7, 2004

JESSE L.C. ROWSELL

RECORDED: 05/07/2004

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