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5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Mark P. Dvorscak</u> Internal Address: <u>U. S. Dept. of Energy, IPLD</u> Street Address: <u>9800 S. Cass Ave</u> City: <u>Argonne</u> State: <u>IL</u> Zip: <u>60439</u> Phone Number: <u>630-252-2393</u> Fax Number: <u>630-252-2779</u> Email Address: _____	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____ <input type="checkbox"/> Authorized to be charged by credit card <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> None required (government interest not affecting title)	
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9. Signature: <u>Mark C. Lang</u> <u>11-7-12</u> <div style="display: flex; justify-content: space-between;"> Signature Date </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> Mark C. Lang #55,356 Name of Person Signing <div style="text-align: right;"> Total number of pages including cover sheet, attachments, and documents: 2 </div> </div>		

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PATENT

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CONFIRMATORY LICENSE**Title of Invention:** A New Swollen Derivative of Zeolite MCM-22(P) and its Applications**Inventor(s):** Michael Tsapatsis, Sudeep Maheshwari, Frank S. Bates, William J. Koros**Patent Application Serial No:** 12/741,178**Filing Date** September 7, 2010**Patent Number:****Issue Date:****Name of Contractor** (*i.e. Contractor, Subcontractor, Grant, or Cooperative Agreement, as applicable*):
Regents of the University of Minnesota**DOE Contract No.** (*i.e. Contract, Subcontract, Grant, or Cooperative Agreement, as applicable*):
DE-FG26-04NT42119**DOE Case No.:** S-117,695**Contractor Docket No.:** Z08037

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The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 8th day of September, 2011

Regents of the University of Minnesota
Contractor Name (Typed)

Margaret Armstrong Hamm
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