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Invention Title: Fluorinated Functionalized Mesoporous Silica Nanoparticle as an Efficient Solid Acid Catalyst for Esterification Reaction

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Patent or Application Serial No.: 13/361,613

Grant/Contract Number(s): DE-AC02-07CH11358, DE-SC0001298

Foreign Applications filed/intended in (countries): _____

The invention identified above is a Subject Invention under **35 U.S.C. 200, et seq.**, and the Standard Patent Rights clause at **37 CFR 401.14, FAR 52.227-11** or **FAR 52.227-12** (if applicable) which are included among the terms of the above identified grant or contract award from the United State Government. This document is confirmatory of:

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By Lisa Lorenzen (Institutional Business Official) _____ (Signature)

Title Executive Director

For IOWA STATE UNIVERSITY OF SCIENCE & TECH (Grantee/Contractor Organization)

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