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Yes V No 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) Serial No. 14/059,003 Additional numbers attached? Yes ✓ No 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved:_1 Name: Michael J. Dobbs 7. Total fee (37 CFR 1.21(h) & 3.41) \$____ Internal Address: U. S. Dept. of Energy, IPLD Authorized to be charged by credit card Authorized to be charged to deposit account **Enclosed** Street Address: <u>9800 S. Cass Ave</u> ✓ None required (government interest not affecting title) 8. Payment Information City: Argonne a. Credit Card Last 4 Numbers _____ State: |L Zip:60439 Expiration Date Phone Number: 630-252-2164 b. Deposit Account Number ____ Fax Number: 630-252-2779 Authorized User Name ___ Email Address: Confirmatory.License@ch.doe.gov 9. Signature: 6/5/76/4 Date Signature Total number of pages including cover John D. Cravero #71,245 sheet, attachments, and documents: Name of Person Signing

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> > **PATENT**

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1R#6661401-05-0013 (06-2217-1)

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Invention Title: Quasicrystalline Strucutres and Uses thereof
Inventor(s): Paul M Chaikin, Weining Man, Paul Steinhardt
U.S. Filing/issue Date: 10/21/2013
Patent or Application Serial No.: 14/059,003
Grant/Contract Number(s): DMR0243001, DMR0213706, DE-FG02-91ER40671
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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The Government is hereby granted an irrevocable power to Inspect and make copies of the above-identified patent application.
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By John F. Ritter, Director Office Uptypes Chiletha (Signature)
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(Grantee/Contractor Organization)
At 4 New South Building Princeton, NJ 08544 US
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RECORDED: 06/06/2014