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Execution Date(s) 12/07/2015
 Assignment Merger
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Street Address: 1000 Independence Ave., S.W

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4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s)
14/599,692

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
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6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____
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9. Signature: [Signature] 12/17/15
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Michael J. Dobbs #58,093 Total number of pages including cover sheet, attachments, and documents: **2**
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Department of Energy
Office of Science
science.energy.gov/lisc/services/legal/

CONFIRMATORY LICENSE

Title of Invention: Reactive Sintering of Ceramic Lithium Ion Electrolyte Membranes
Inventor(s): Indrajit Dutta, Brian Kent, Nadja Lonroth, Michael Badding, Sriram Iyer
Patent Application Serial No: 14/599692 Filing Date January 19, 2015
Patent Number: Issue Date:
Name of Contractor (i.e. Contractor, Subcontractor, Grant, or Cooperative Agreement, as applicable):
Corning Incorporated, Subcontractor to Polyplus Battery Company under DE-EE0005757 and subject
Name of Contractor: to FAR 52.227-12 Patent Rights - Waiver (July 1996), as modified by 10 C.F.R. 784 DOE Patent
Waiver 2012-034*ATTACHED
DOE Contract No. (i.e. Contract, Subcontract, Grant, or Cooperative Agreement, as applicable):
Subcontract to Corning Incorporated: PPBC-Corning IMI 10-2012
DOE Case No.: S-140,512 Contractor Docket No.:

The Contractor has reported the above-identified invention as a Subject Invention to DOE and has elected to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up, worldwide license in this subject invention, patent application and any resulting patent, including any continuation, divisional, reissue, or supplemental application thereof, to practice or to have practiced for or on behalf of the United States throughout the world; and of all other rights acquired by the Government by the patent rights clause in the above-identified contract.

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

JLHAAACK

12/7/15

Signed on: Dec 7, 2015

Contractor Name Corning Incorporated, Subcontractor to Polyplus Battery Company under DE-EE0005757 and subject to FAR 52.227-12 Patent Rights - Waiver (July 1996), as modified by 10 C.F.R. 784 DOE Patent Waiver 2012-034*ATTACHED
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