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PATENT ASSIGNMENT

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CONVEYING PARTY DATA

Name	Execution Date
lowa State University	06/24/2013

RECEIVING PARTY DATA

Name:	National Science Foundation	
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City:	Arlington	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13850438

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Date:	07/29/2013

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Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison). Invention Title: Method and Apparatus for Computing Time Decayed Aggregates over Asynchronous Streams Inventor(s): Srikanta Tirthapura, Phillip Korn, Graham Cormode U.S. Filing/Issue Date: 3/26/2013 Patent or Application Serial No.: 13/850, 438 Grant/Contract Number(s): CNS0520102 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: The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award. The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application. For IOWA STATE UNIVERSITY OF SCIENCE & TECH (Grantee/Contractor Organization) Atlowa State University Research Foundation, Inc. 310 Lab of Mechanics Ames, IA 50011 US

> PATENT REEL: 030901 FRAME: 0292

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