## 504786495 02/21/2018

# PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name                     | Execution Date |
|--------------------------|----------------|
| MURIEL MEDARD            | 01/09/2018     |
| KISHORI MOHAN KONWAR     | 12/14/2017     |
| PRAKASH NARAYANA MOORTHY | 12/14/2017     |
| NANCY ANN LYNCH          | 12/14/2017     |

## **RECEIVING PARTY DATA**

| Name:           | MASSACHUSETTS INSTITUTE OF TECHNOLOGY |  |
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| City:           | CAMBRIDGE                             |  |
| State/Country:  | MASSACHUSETTS                         |  |
| Postal Code:    | 02139                                 |  |

#### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15838966 |

#### CORRESPONDENCE DATA

**Fax Number:** (781)401-9966

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: dm@dc-m.com

Correspondent Name: DALY, CROWLEY, MOFFORD & DURKEE, LLP

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Address Line 2: SUITE 301A

Address Line 4: CANTON, MASSACHUSETTS 02021-2714

| ATTORNEY DOCKET NUMBER: | MIT-344AUS          |  |
|-------------------------|---------------------|--|
| NAME OF SUBMITTER:      | CHRISTOPHER S. DALY |  |
| SIGNATURE:              | /csd/               |  |
| DATE SIGNED:            | 02/21/2018          |  |

#### **Total Attachments: 5**

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### ASSIGNMENT

Whereas we, the undersigned, Muriel Medard, Kishori Mohan Konwar, Prakash Narayana Moorthy, Nancy Ann Lynch, hereby have made certain inventions or discoveries (or both) set forth in an application filed for Letters Patent of the United States of America entitled: STORAGE-OPTIMIZED DATA-ATOMIC SYSTEMS AND TECHNIQUES FOR HANDLING ERASURES AND ERRORS IN DISTRIBUTED STORAGE SYSTEMS, identified as Attorney Docket No. MIT-344AUS, and Client Case No. 18616J, which application was filed on December 12, 2017 and assigned Application No. 15/838,966. In the event that the execution date, filing date and/or Application No. are not entered above at the time we executed this document, and if such information is deemed necessary, we hereby authorize and request the attorneys at DALY, CROWLEY, MOFFORD & DURKEE, LLP, 354A Turnpike Street, Suite 301A, Canton, MA 02021-2714, to insert above the execution date, filing date and/or Application No. of said application.

Whereas MASSACHUSETTS INSTITUTE OF TECHNOLOGY, a state of Massachusetts Corporation having a place of business at 77 Massachusetts Avenue, Cambridge, MA 02139, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

- 1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, reexamination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent and any provisional applications from which priority is claimed in said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
- 3. Authorize and request the empowered officials of all governments and/or all authorized entities to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
- 4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

Atty. Dckt. No.: MIT-344AUS

Client Case No.: 18616J

5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have each executed this Assignment as an instrument on the date indicated next to our name(s).

time disamon

| Dated: 01/49/18     |                             |  |
|---------------------|-----------------------------|--|
|                     | Muriel Medard               |  |
| Witnessed by:       |                             |  |
| Dated: 01 /04 /2018 | JW/JK/462                   |  |
|                     | First Witness Signature     |  |
|                     | NoW Klac krvo               |  |
|                     | First Wilness Printed Name  |  |
| m 1 th              | e constituente              |  |
| Dated: 01/03/2018   |                             |  |
|                     | Second Witness Signature    |  |
|                     | Deryo Malak                 |  |
|                     | Second Witness Printed Name |  |

PATENT Atty. Dokt. No.: MIT-344AUS Client Case No.: 18616J

Deted: 12/14/2017

Witnessed by:

Dated: 12/14/2017

Dated: 12/14/2017

Dated: 12/14/2017

Dated: 12/14/2017

Dated: 12/14/2017

Dated: 12/14/2017

Derya Molak

Second Witness Printed Name

Atty. Dckt. No.: MIT-344AUS
Client Case No.: 18616)

Dated: 12 14 2017

Prakush Narayana Moorthy

Witnessed by:

Dated: 12 /4 /2017

Dated: 12 /4 /2017

Dated: 12 /14 /2017

Dated: 12 /14 /2017

Dated: 12 /14 /2017

Second Witness Printed Name

PATENT

PATENT Atty. Dckt. No.: MIT-344AUS Client Case No.: 18616J

| Dated: 13/14/17  | Naug aun Rock                                     |
|------------------|---|
|                  | Nancy Ann Jynch                                   |
| Witnessed by:    |   |
| Dated:           | Mori Parz   |
|                  | First Witness Signisture  Maria Margi             |
|                  | First Witness Printed Name                        |
| Dated: 12/14/17- |   |
| ·* "             | Second Witness Signature <u>Myung Hee Vabalas</u> |
|                  | Second Wilmore Printed Norna                      |

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**RECORDED: 02/21/2018**