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| PATENT ASSIGNMENT COVER SHEET |
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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| RONALD S. NILES | 12/05/2019 |
| YUE LI | 12/05/2019 |
| RECEIVING PARTY DATA | |
| Name: | MEMVERGE, INC. |
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| City: | MILPITAS |
| State/Country: | CALIFORNIA |
| Postal Code: | 95035 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 16698429 |
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| ATTORNEY DOCKET NUMBER: | 133324-8001.US03 |
| NAME OF SUBMITTER: | SOOJIN LEE |
| SIGNATURE: | /Soojin Lee/ |
| DATE SIGNED: | 12/06/2019 |
| Total Attachments: 4 | |
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| source=Assignment(Niles)-133324-8001-US03#page2.tif | |
| source=Assignment(Li)-133324-8001-US03#page1.tif | |

ASSIGNMENT BY INVENTOR

This Assignment is by Ronald S. Niles and Yue Li (the "Assignor"). The Assignor invented one or more certain inventions (the "Invention(s)") described in an application for Letters Patent of the United States titled ***FORK HANDLING IN APPLICATION OPERATIONS MAPPED TO DIRECT ACCESS PERSISTENT MEMORY*** and filed on November 27, 2019 as U.S. Application No. 16/698,429 (the "Application").

MemVerge, Inc., a corporation having its principal place of business at 1525 McCarthy Blvd., Suite 218, Milpitas, CA 95035 (the "Assignee"), desire to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which Assignor acknowledge, Assignor hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignor warrant that Assignor own the Rights, and that the Rights are unencumbered. Assignor also agree to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deem necessary or desirable to: perfect Assignee's enjoyment of the Rights; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignor request the Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignee. This Assignment may be executed in counterparts.

Date: December 5, 2019

Signature: _____



Ronald S. Niles

Date: _____

Signature: _____
Yue Li

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Date: _____

Signature: _____
Ronald S. Niles

Date: 12/05/2019

Signature: 
Yue Li