509110422 04/01/2025

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

CONVEYING PARTY DATA

Name	Execution Date
The Research Foundation for The State University of New York at Binghamton University	08/26/2021

RECEIVING PARTY DATA

Company Name:	NATIONAL SCIENCE FOUNDATION	
Street Address:	2415 Eisenhower Avenue	
Internal Address:	Suite 18200	
City:	Alexandria	
State/Country:	VIRGINIA	
Postal Code:	22314	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17242508

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	Mrs. Arlene Marshall	
SIGNATURE:	/Mrs. Arlene Marshall/	
ATE SIGNED: 04/01/2025		
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 1 source=1,641#page1.tiff

PATENT 509110422 REEL: 070691 FRAME: 0253

Confirmatory License

Docket Number: RB613

Application for: Recovering Virtual Machine from Failure of Post-Copy Live Migration

Inventor(s): Kartik Gopalan, Ping Yang, Dinuni Fernando, Jonathan Terner

Serial Number: 17/242,508

Filed: 4/28/21

Contract Number: 1320689, 1527338

Contractor: NSF

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:

- 1. 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
- 2. 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.

Signed this 26th day of August, 2021

The Research Foundation for The State University of New York at Binghamton University

Name: Per Stromhaug

Assistant Vice President, Entrepreneurship and

Innovation Partnerships Campus: Binghamton

PATENT REEL: 070691 FRAME: 0254

RECORDED: 04/01/2025