# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7510674

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST IN PATENTS PREVIOUSLY RECORDED AT REEL/FRAME (057254/0557)

## **CONVEYING PARTY DATA**

Name	Execution Date
CERBERUS BUSINESS FINANCE AGENCY, LLC	08/29/2022

## **RECEIVING PARTY DATA**

Name:	STRATUS TECHNOLOGIES IRELAND LIMITED
Street Address:	UNIT 275, BLOCK F
Internal Address:	BLANCHARDSTOWN CORP. PK.2
City:	DUBLIN 15
State/Country:	IRELAND
Name:	STRATUS TECHNOLOGIES BERMUDA LTD.
Street Address:	CLARENDON HOUSE
Internal Address:	2 CHURCH STREET
City:	HAMILTON HM 11
State/Country:	BERMUDA

## **PROPERTY NUMBERS Total: 49**

Property Type	Number
Patent Number:	6813721
Patent Number:	6948010
Patent Number:	6802022
Patent Number:	6886171
Patent Number:	6766479
Patent Number:	6718474
Patent Number:	6970892
Patent Number:	6996750
Patent Number:	6766413
Patent Number:	6874102
Patent Number:	6901481
Patent Number:	7065672
Patent Number:	6862689
Patent Number:	6971043
Patent Number:	6928583
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**PATENT** 

REEL: 061354 FRAME: 0599

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Property Type	Number
Patent Number:	7496787
Patent Number:	7904906
Patent Number:	7496786
Patent Number:	8234521
Patent Number:	7669073
Patent Number:	8161311
Patent Number:	8381012
Patent Number:	8117495
Patent Number:	8312318
Patent Number:	7958076
Patent Number:	8271416
Patent Number:	8812907
Patent Number:	9251002
Patent Number:	9652338
Patent Number:	9760442
Patent Number:	9588844
Patent Number:	10360117
Patent Number:	10216598
Patent Number:	6728898
Patent Number:	7373545
Patent Number:	7877552
Patent Number:	9924001
Patent Number:	10095590
Patent Number:	10241874
Patent Number:	10871908
Application Number:	16536745
Application Number:	62881152
Application Number:	16900909
Application Number:	16900912
Application Number:	16900913
Application Number:	16900914
Application Number:	16900910
Application Number:	16900915
Application Number:	17003808

### **CORRESPONDENCE DATA**

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PATENT

**REEL: 061354 FRAME: 0600** 

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ATTORNEY DOCKET NUMBER: 082229/0008

NAME OF SUBMITTER: J. JASON MULL

SIGNATURE: /J. Jason Mull/

**DATE SIGNED:** 08/29/2022

## **Total Attachments: 7**

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#### RELEASE OF SECURITY INTEREST IN PATENTS

This RELEASE OF SECURITY INTEREST IN PATENTS (this "Release"), dated as of August 29, 2022, is made by CERBERUS BUSINESS FINANCE AGENCY, LLC, a Delaware limited liability company, as collateral agent (in such capacity, together with its successors and assigns, the "Releasor"), in favor of STRATUS TECHNOLOGIES IRELAND LIMITED, a company incorporated in Ireland, and STRATUS TECHNOLOGIES BERMUDA LTD., a Bermuda exempted company limited by shares (each a "Releasee" and collectively, the "Releasees").

WHEREAS, pursuant to that certain Security Agreement, dated as of June 8, 2021 (the "Security Agreement"), each Releasee granted to the Releasor, for the benefit of the Secured Parties, a continuing security interest in all right, title and interest of each Releasee in, to and under the patents, letter patents, design patents and utility patents listed on Schedule A attached hereto, which patents, letter patents, design patents and utility patents are issued or applied for in the United States Patent and Trademark Office (the "Patents"), and the right to receive all Proceeds therefrom and the right to bring claims for infringement or other conflict with the foregoing (collectively, the "Collateral").

WHEREAS, pursuant to that certain Grant of Security Interest in Patent Rights, dated as of June 8, 2021, recorded in the United States Patent and Trademark Office on June 9, 2021 at Reel 057254, Frame 0557 (the "Patent Security Agreement"), each Releasee pledged and granted to the Releasor for the benefit of the Releasor and the Secured Parties, a continuing security interest in the Collateral; and

WHEREAS, each Releasee has requested, and the Releasor wishes to provide, a document suitable for recording in the United States Patent and Trademark Office for purposes of recording the release, relinquishment and discharge of the Releasor's security interest in the Collateral.

NOW, THEREFORE, in consideration of and in exchange for good and valuable consideration, the Releasor hereby agrees as follows:

- 1. <u>Defined Terms</u>. All capitalized terms used but not otherwise defined herein have the meanings given to them in the Patent Security Agreement or the Security Agreement.
- 2. <u>Release of Security Interest</u>. The Releasor, on behalf of itself and the Secured Parties, without representation, warranty or recourse, hereby releases, relinquishes, terminates, cancels and discharges fully its security interest in the Collateral.
- 3. <u>Governing Law</u>. THIS RELEASE AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES HEREUNDER SHALL BE GOVERNED BY, AND SHALL BE CONSTRUED AND INTERPRETED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK.

[Signature Page Follows]

IN WITNESS WHEREOF, the parties have caused this Release of Security Interest in Patents to be duly executed as of the date first above written.

# **CERBERUS BUSINESS FINANCE AGENCY, LLC**, as Releasor

By:

Name: Daniel E. Wolf

Title: Senior Managing Director

REEL: 061354 FRAME: 0603

# **SCHEDULE A**

## **Patents**

# **U.S. PATENTS AND PATENT APPLICATIONS**

# Patent Registrations and Applications:

Title	Owner	Application Number	Filing Date	Registration Number	Issue Date	Status
Methods and apparatus for generating high-frequency clocks deterministically from a low-frequency system reference clock	Stratus Technologies Ireland Limited	09665887	09/20/2000	6813721	11/02/2004	Issued
Method and apparatus for efficiently moving portions of a memory block	Stratus Technologies Ireland Limited	09742989	12/20/2000	6948010	09/20/2005	Issued
Maintenance of consistent, redundant mass storage images	Stratus Technologies Ireland Limited	09664483	09/18/2000	6802022	10/05/2004	Issued
Caching for i/o virtual address translation and validation using device drivers	Stratus Technologies Ireland Limited	09789051	02/20/2001	6886171	04/26/2005	Issued
Apparatus and methods for identifying bus protocol violations	Stratus Technologies Ireland Limited	09796155	02/28/2001	6766479	07/20/2004	Issued
Methods and apparatus for clock management based on environmental conditions	Stratus Technologies Ireland Limited	09666254	09/21/2000	6718474	04/06/2004	Issued
Implementing standards-based file operations in proprietary operating systems	Stratus Technologies Ireland Limited	09785607	02/16/2001	6970892	11/29/2005	Issued
Methods and apparatus for computer bus error termination	Stratus Technologies Ireland	09871180	05/31/2001	6996750	02/07/2006	Issued

Title	Owner	Application Number	Filing Date	Registration Number	Issue Date	Status
	Limited					
Systems and methods for caching with file-level granularity	Stratus Technologies Ireland Limited	09797100	03/01/2001	6766413	07/20/2004	Issued
Coordinated recalibration of high bandwidth memories in a multiprocessor computer	Stratus Technologies Ireland Limited	09799478	03/05/2001	6874102	03/29/2005	Issued
Method and apparatus for storing transactional information in persistent memory	Stratus Technologies Ireland Limited	09790750	02/22/2001	6901481	05/31/2005	Issued
Apparatus and methods for fault-tolerant computing using a switching fabric	Stratus Technologies Ireland Limited	09819883	03/28/2001	7065672	06/20/2006	Issued
Method and apparatus for managing session information	Stratus Technologies Ireland Limited	09833835	04/12/2001	6862689	03/01/2005	Issued
Apparatus and method for accessing a mass storage device in a fault-tolerant server	Stratus Technologies Ireland Limited	09832467	04/11/2001	6971043	11/29/2005	Issued
Apparatus and method for two computing elements in a fault-tolerant server to execute instructions in lockstep	Stratus Technologies Ireland Limited	09832466	04/11/2001	6928583	08/09/2005	Issued
Systems and methods for checkpointing	Stratus Technologies Ireland Limited	11118869	04/29/2005	7496787	02/24/2009	Issued
Tracking modified pages on a computer system	Stratus Technologies Ireland Limited	10997409	11/23/2004	7904906	03/08/2011	Issued
Systems and methods for maintaining lock step operation	Stratus Technologies Ireland Limited	11329244	01/10/2006	7496786	02/24/2009	Issued

Title	Owner	Application Number	Filing Date	Registration Number	Issue Date	Status
Systems and methods for maintaining lock step operation	Stratus Technologies Ireland Limited	12242043	09/30/2008	8234521	07/31/2012	Issued
Systems and methods for split mode operation of fault-tolerant computer systems	Stratus Technologies Ireland Limited	11207289	08/19/2005	7669073	02/23/2010	Issued
Apparatus and method for redundant and spread spectrum clocking	Stratus Technologies Ireland Limited	11895048	08/23/2007	8161311	04/17/2012	Issued
Apparatus and method for redundant and spread spectrum clocking	Stratus Technologies Ireland Limited	13421315	03/15/2012	8381012	02/19/2013	Issued
Systems and methods of high availability cluster environment failover protection	Stratus Technologies Ireland Limited	11986792	11/26/2007	8117495	02/14/2012	Issued
Systems and methods of high availability cluster environment failover protection	Stratus Technologies Ireland Limited	13352720	01/18/2012	8312318	11/13/2012	Issued
System and methods for managing rules and detecting reciprocal dependencies	Stratus Technologies Ireland Limited	11998581	11/30/2007	7958076	06/07/2011	Issued
Method for dynamically determining a predetermined previous condition of a rule-based system	Stratus Technologies Ireland Limited	12189843	08/12/2008	8271416	09/18/2012	Issued
Fault tolerant computing systems using checkpoints	Stratus Technologies Ireland Limited	13186087	07/19/2011	8812907	08/19/2014	Issued
System and method for writing checkpointing data	Stratus Technologies Ireland Limited	14107536	12/16/2013	9251002	02/02/2016	Issued
Dynamic checkpointing systems and methods	Stratus Technologies	14/571,383	12/16/2014	9652338	05/16/2017	Issued

Title	Owner	Application Number	Filing Date	Registration Number	Issue Date	Status
	Ireland Limited					
Method of delaying checkpoints by inspecting network packets	Stratus Technologies Ireland Limited	14571391	12/16/2014	9760442	09/12/2017	Issued
Checkpointing systems and methods using data forwarding	Stratus Technologies Ireland Limited	14571408	12/16/2014	9588844	03/07/2017	Issued
Method and apparatus for performing checkpointing on a network device	Stratus Technologies Ireland Limited	15626374	06/19/2017	10360117	07/23/2019	Issued
Method for dirty-page tracking and full memory mirroring redundancy in a fault-tolerant server	Stratus Technologies Ireland Limited	15646769	07/11/2017	10216598	02/26/2019	Issued
High reliability fault tolerant computer architecture	Stratus Technologies Ireland Limited	16536745	08/09/2019	N/A	N/A	Filed
Operating system-based systems and method of achieving fault tolerance	Stratus Technologies Ireland Limited	62/881,152	07/31/2019	N/A	N/A	Filed
Operating system-based systems and method of achieving fault tolerance	Stratus Technologies Ireland Limited	16/900,909	06/13/2020	N/A	N/A	Filed
Systems and methods for checkpointing in a fault tolerant system	Stratus Technologies Ireland Limited	16/900,912	06/13/2020	N/A	N/A	Filed
Systems and methods for applying checkpoints on a secondary computer in parallel with transmission	Stratus Technologies Ireland Limited	16/900,913	06/13/2020	N/A	N/A	Filed
Computer duplication and configuration management systems and methods	Stratus Technologies Ireland	16/900,914	06/13/2020	N/A	N/A	Filed

Title	Owner	Application Number	Filing Date	Registration Number	Issue Date	Status
	Limited	Number	Date	i vamber		
Fault tolerant systems and methods incorporating a minimum checkpoint interval	Stratus Technologies Ireland Limited	16/900,910	06/13/2020	N/A	N/A	Filed
Fault tolerant systems and methods for cache flush coordination	Stratus Technologies Ireland Limited	16/900,915	06/13/2020	N/A	N/A	Filed
Real-Time Fault-Tolerant Checkpointing	Stratus Technologies Bermuda Ltd.	17/003,808	08/26/2020	N/A	N/A	Filed
Producing a mirrored copy using incremental-divergence	Stratus Technologies Ireland Limited	10090728	03/06/2002	6728898	04/27/2004	Issued
Fault tolerant computer system	Stratus Technologies Ireland Limited	11/382,133	05/08/2006	7373545	05/13/2008	Issued
Symmetric multiprocessor fault tolerant computer system	Stratus Technologies Ireland Limited	11/419,936	05/23/2006	7877552	01/25/2011	Issued
Method of selective network buffering in checkpoint systems	Stratus Technologies Ireland Limited	15/161,928	05/23/2016	9924001	03/20/2018	Issued
Controlling the operating state of a fault- tolerant computer system	Stratus Technologies Ireland Limited	15/147,083	05/05/2016	10095590	10/09/2018	Issued
Checkpoint method for a highly available computer system	Stratus Technologies Ireland Limited	15/597,920	05/17/2017	10241874	03/26/2019	Issued
Storage bypass driver operation in a highly available computer system	Stratus Technologies Ireland Limited	16/393,576	04/24/2019	10871908	12/22/2020	Issued

**RECORDED: 08/29/2022**