

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5687182

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SUCCESSOR AGENCY AGREEMENT
CONVEYING PARTY DATA	
Name	Execution Date
CORTLAND CAPITAL MARKET SERVICES LLC, AS RESIGNING AGENT	07/25/2019
RECEIVING PARTY DATA	
Name:	CORTLAND PRODUCTS CORP, AS NEW AGENT
Street Address:	225 W. WASHINGTON ST., 9TH FLOOR
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60606
PROPERTY NUMBERS Total: 18	
Property Type	Number
Patent Number:	8700946
Patent Number:	9021294
Patent Number:	8805989
Patent Number:	8930747
Patent Number:	9208006
Patent Number:	9047248
Patent Number:	9612814
Patent Number:	9317268
Patent Number:	9183097
Patent Number:	9479396
Patent Number:	9836365
Application Number:	15013176
Application Number:	15292646
Application Number:	15725395
PCT Number:	US2019108266
Application Number:	15933615
PCT Number:	US1922667
Application Number:	16263492
CORRESPONDENCE DATA	

Fax Number: (202)887-4288

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.

Phone: 2149692741

Email: blove@akingump.com

Correspondent Name: AKIN GUMP STRAUSS HAUER & FELD LLP

Address Line 1: 2001 K STREET N.W.

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	100946.0001
NAME OF SUBMITTER:	BRENDA LOVE
SIGNATURE:	/Brenda Love/
DATE SIGNED:	08/26/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 38

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SUCCESSOR AGENCY AGREEMENT

This SUCCESSOR AGENCY AGREEMENT (this "Agreement") is dated as of July 25, 2019, by and among CORTLAND CAPITAL MARKET SERVICES LLC, a Delaware limited liability company (the "Resigning Agent"), CORTLAND PRODUCTS CORP., a Delaware corporation (the "New Agent"), the lenders party hereto, and SUNGARD AS NEW HOLDINGS III, LLC (the "Company"). WHEREAS, the Resigning Agent is the existing administrative agent under the Credit Agreement, dated as of May 3, 2019, among the Company, as borrower, Sungard AS New Holdings II, LLC, the Resigning Agent and the lenders party thereto (the "Credit Agreement");

WHEREAS, as of the date hereof, pursuant to Section 9.09 of the Credit Agreement, the Resigning Agent hereby notifies the Lenders and the Company of its resignation as Administrative Agent under the Credit Agreement and the other Loan Documents, such resignation to become effective in accordance with Section 2 below;

WHEREAS, the Lenders party hereto, constituting the Required Lenders, desire to appoint the New Agent as the successor Administrative Agent under the Credit Agreement and the other Loan Documents; and

WHEREAS, the New Agent has agreed to accept such appointment and to serve as the Administrative Agent, in accordance with the provisions of this Agreement.

NOW, THEREFORE, the parties to this Agreement hereby agree as follow:

Section 1. Definitions. Unless otherwise defined in this Agreement, capitalized terms used in this Agreement shall have the meaning ascribed to them in the Credit Agreement.

Section 2. Resignation of Resigning Agent. Pursuant to Section 9.09 of the Credit Agreement, the Resigning Agent hereby resigns as Administrative Agent under the Credit Agreement and the other Loan Documents, effective upon the date hereof (the "Effective Date"). On the Effective Date, the Resigning Agent's rights, powers and duties (other than such rights expressly provided herein) as Administrative Agent shall be terminated, without any further act or deed on the part of the Resigning Agent or any of the parties to the Credit Agreement.

Section 3. Waiver. The Company and the Required Lenders hereby waive the notice requirement provided for under Section 9.09 of the Credit Agreement.

Section 4. Appointment of Successor Agent. Pursuant to Section 9.09 of the Credit Agreement, the Lenders party hereto, constituting the Required Lenders, irrevocably designate and appoint the New Agent as successor Administrative Agent to serve as Administrative Agent for all purposes of the Credit Agreement, each of the other Loan Documents, and to take such actions and perform such duties and exercise such powers as are expressly delegated to the Administrative Agent by the terms of the Credit Agreement and each of the other Loan Documents, together with such other powers as are reasonably incidental thereto, and the New Agent accepts such appointment, in each case with effect from the Effective Date.

Section 5. Assignment and Assumption.

(a) As of the Effective Date, the Resigning Agent, as prior Administrative Agent, hereby assigns and transfers to the New Agent, as successor Agent, and the New Agent in its capacity as successor Administrative Agent hereby assumes, all of the rights and obligations of Administrative Agent under the Credit Agreement and each of the other Loan Documents. On and after the Effective Date, the Resigning Agent, as the prior Administrative Agent, shall have no obligations as Administrative Agent under the Credit Agreement or each of the other Loan Documents.

(b) The parties to this Agreement acknowledge and agree that on and after the Effective Date (i) the New Agent, as successor Administrative Agent, shall have all of the rights and benefits of the Administrative Agent under each of the Loan Documents, including, without limitation, the Credit Agreement, the Fee Letter and the Collateral Documents, but shall have no responsibility or obligation or liability in connection with any act or omission of the Resigning Agent, as the prior Administrative Agent, for any period prior to the Effective Date, and (ii) the Resigning Agent shall have no responsibility or obligation or liability in connection with any act or omission of the New Agent, as successor Administrative Agent on and after the Effective Date.

(c) Nothing in this Agreement shall constitute a waiver or assignment of any responsibility or obligation or liability of the Resigning Agent, as Administrative Agent, for any period prior to the Effective Date.

Section 6. Transition of Agent Role.

(a) From and after the Effective Date, the Resigning Agent, as the prior Administrative Agent, shall promptly and reasonably cooperate with the New Agent, as the successor Administrative Agent, in the transition of the Administrative Agent's duties and obligations under the Loan Documents, including, without limitation:

(i) executing and delivering documents reasonably requested by the New Agent, as the successor Administrative Agent, to confirm transfer of the interest of the Resigning Agent, as prior Administrative Agent, to New Agent, as successor Administrative Agent, in each case which shall be in form and substance reasonably satisfactory to the Resigning Agent and the New Agent; and

(ii) using its best efforts to transfer physical possession to the New Agent, as successor Agent, of any physical Collateral previously received by the Resigning Agent.

(b) The Resigning Agent, as prior Administrative Agent, acknowledges and agrees that from and after the Effective Date the New Agent, as successor Administrative Agent, is authorized to file on behalf the Resigning Agent, as prior Administrative Agent, amendments to the existing UCC and PPSA financing statements filed with respect to the Loan Documents, including, without limitation, those listed on Schedule 1, as may be necessary to reflect the New

Agent, as successor Administrative Agent, as the secured party, each in form and substance satisfactory to the New Agent, as successor Administrative Agent.

(c) Schedule 2 sets forth all possessory Collateral delivered to the Resigning Agent. On the Effective Date, the Resigning Agent shall deliver to the New Agent, and the New Agent shall take physical possession of, any and all such possessory Collateral and the accompanying powers or endorsements. Schedule 2 sets forth each deposit account control agreement, mortgage, intellectual property security agreement and insurance certificate delivered to the Resigning Agent prior to the Effective Date, in each case related to the Liens on the Collateral. The New Agent agrees that it shall, as promptly as practicable following the Effective Date, effect the substitution of the New Agent in any actions contemplated by this Section 6.

(d) Each party to this Agreement hereby agrees from time to time, upon request of any other party, to take such additional actions and to execute and deliver such additional documents and instruments as such other party may reasonably request to effect the transactions contemplated by, and to carry out the intent of, this Agreement.

Section 7. Amendments to Credit Agreement. From and after the Effective Date, (a) all references to the Administrative Agent in the Loan Documents shall refer to the New Agent in its capacity as administrative agent under the Loan Documents or any successor administrative agent of the New Agent and (b) all references to the Fee Letter shall refer to the fee letter between the New Agent and the Company, dated as of the Effective Date, as amended, restated, supplemented or otherwise modified from time to time.

Section 8. Notice to Successor Agent. Any notice to be given to the New Agent, as successor Agent, under this Agreement shall be delivered to the New Agent at the address, facsimile number, electronic mail address or telephone number specified for the Resigning Agent on Schedule 10.02(a) of the Credit Agreement or to such other address, facsimile number, electronic mail address or telephone number as the New Agent may designate by written notice to the other parties to the Credit Agreement given in a manner designated in Section 10.02 of the Credit Agreement.

Section 9. No Waiver. No delay or failure on the part of any party hereto in exercising any right, power or remedy under this Agreement shall effect or operate as a waiver thereof, nor shall any single or partial exercise thereof or any abandonment or discontinuance of steps to enforce such right, power or remedy preclude any further exercise thereof or of any other right, power or remedy.

Section 10. No Oral Modification. This Agreement may not be amended except upon the written agreement of all of the parties hereto; provided that the foregoing shall not limit or modify the provisions set forth in Section 10.01 of the Credit Agreement relating to amendments, waivers and modifications of the Loan Documents.

Section 11. Binding Upon Successors and Assigns. This Agreement shall inure to the benefit of, and shall be binding upon, the parties hereto and their respective successors and permitted assigns under the Credit Agreement.

Section 12. Governing Law. THIS AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.

Section 13. Partial Invalidity; Severability. If any of the provisions of this Agreement, or the application thereof to any person, party or circumstances, shall, to any extent, be invalid or unenforceable, the remainder of this Agreement, or the application of such provision or provisions to persons, parties or circumstances other than those as to whom or which it is held invalid or unenforceable, shall not be affected thereby, and every provision of this Agreement shall be valid and enforceable to the fullest extent permitted by law.

Section 14. Execution in Counterparts. This Agreement may be executed in any number of counterparts and by different parties hereto in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement. Delivery of an executed counterpart of a signature page of this Agreement by facsimile or electronic transmission of a PDF file shall be effective delivery of a manually executed counterpart of this Agreement.

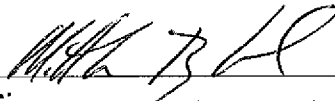
Section 15. Jurisdiction. Paragraph (b) of Section 10.16 of the Credit Agreement is hereby incorporated herein by reference, mutatis mutandis.

Section 16. Waiver of Jury Trial. THE PARTIES TO THIS AGREEMENT EACH WAIVES ANY RIGHT TO A TRIAL BY JURY IN ANY ACTION OR PROCEEDING TO ENFORCE OR DEFEND ANY RIGHTS UNDER THIS AGREEMENT AND THE OTHER LOAN DOCUMENTS OR RELATING THERETO OR ARISING FROM THE LENDING RELATIONSHIP WHICH IS THE SUBJECT OF THE CREDIT AGREEMENT AND AGREES THAT ANY SUCH ACTION OR PROCEEDING SHALL BE TRIED BEFORE A COURT AND NOT BEFORE A JURY.

[remainder of page intentionally left blank; signature pages follow]

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed as of the date first above written

**CORTLAND CAPITAL MARKET SERVICES
LLC,**
as the Resigning Agent

By: 
Name: _____
Title: Matthew Trybula
Associate Counsel

[signatures continued on the following page]

SIGNATURE PAGE TO
SUCCESSOR AGENCY AGREEMENT -- CREDIT AGREEMENT

PATENT
REEL: 050174 FRAME: 0024

CORTLAND PRODUCTS CORP.,
as the New Agent

By: 
Name: _____
Title: Matthew Trybula
Associate Counsel

[signatures continued on the following page]

SIGNATURE PAGE TO
SUCCESSOR AGENCY AGREEMENT – CREDIT AGREEMENT

PATENT
REEL: 050174 FRAME: 0025

SUNGARD AS NEW HOLDINGS III, LLC

By: 
Name: Michael Robinson
Title: Chief Executive Officer

SIGNATURE PAGE TO
SUCCESSOR AGENCY AGREEMENT – CREDIT AGREEMENT

Apollo Funding LLC, as Lender

By:

By: T. S. Shah
Name: Tapan Shah
Title: Assistant vice President

SIGNATURE PAGE TO
SUCCESSOR AGENCY AGREEMENT - CREDIT AGREEMENT

PATENT
REEL: 050174 FRAME: 0027

FS Global Credit Opportunities Fund, as Lender
By: FS Global Advisor, LLC, its Investment Advisor


By: 
Name: Scott Giardina
Title: Managing Director

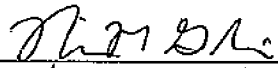
SIGNATURE PAGE TO
SUCCESSOR AGENCY AGREEMENT - CREDIT AGREEMENT

PATENT
REEL: 050174 FRAME: 0028

UBS AG, STAMFORD BRANCH,
as Lender

By:

By: 
Name: Dartene Arias
Title: Director

By: 
Name: Nima Gandhi
Title: Associate Director

SIGNATURE PAGE TO
SUCCESSOR AGENCY AGREEMENT - CREDIT AGREEMENT

PATENT
REEL: 050174 FRAME: 0029

Carlyle Investment Management LLC

On behalf of:

Carlyle Global Market Strategies CLO 2012-3 - Sungard Blocker, Ltd.
Carlyle Global Market Strategies CLO 2012-4 - Sungard Blocker, Ltd.
Carlyle Global Market Strategies CLO 2013-1 - Sungard Blocker, Ltd.
Carlyle Global Market Strategies CLO 2013-3 - Sungard Blocker, Ltd.
Carlyle Global Market Strategies CLO 2013-4 - Sungard Blocker, Ltd.
Carlyle Global Market Strategies CLO 2014-1 - Sungard Blocker, Ltd.
Carlyle Global Market Strategies CLO 2014-5 - Sungard Blocker, Ltd.
Carlyle Global Market Strategies CLO 2015-1 - Sungard Blocker, Ltd.
Carlyle Global Market Strategies CLO 2015-2 - Sungard Blocker, Ltd.
Carlyle Global Market Strategies CLO 2015-3 - Sungard Blocker, Ltd.
Carlyle Global Market Strategies CLO 2015-4 - Sungard Blocker, Ltd.
Carlyle Global Market Strategies CLO 2015-5 - Sungard Blocker, Ltd.
Carlyle Global Market Strategies CLO 2016-1 - Sungard Blocker, Ltd.
Carlyle Global Market Strategies CLO 2016-2 - Sungard Blocker, Ltd.
Carlyle Global Market Strategies CLO 2016-3 - Sungard Blocker, Ltd.
Carlyle US CLO 2016-4 - Sungard Blocker, Ltd.
Carlyle US CLO 2017-1 - Sungard Blocker, Ltd.
Carlyle US CLO 2017-2 - Sungard Blocker, Ltd.
Carlyle US CLO 2017-3 - Sungard Blocker, Ltd.
Carlyle US CLO 2017-4 - Sungard Blocker, Ltd.
Carlyle C17 CLO - Sungard Blocker, Ltd.
Carlyle Global Market Strategies CLO 2014-2-R - Sungard Blocker, Ltd.
Carlyle US CLO 2018-1 - Sungard Blocker, Ltd.
Carlyle Global Market Strategies CLO 2014-3-R - Sungard Blocker, Ltd.
Carlyle Global Market Strategies CLO 2014-4-R - Sungard Blocker, Ltd.
Carlyle US CLO 2018-3 - Sungard Blocker, Ltd.
Carlyle Global Market Strategies CLO 2013-2 - Sungard Blocker, Ltd.
Carlyle US CLO 2017-5 - Sungard Blocker, Ltd.

, as Lender

By: 

Name: Glori Graziano

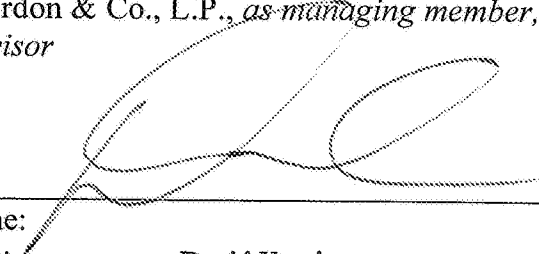
Title: Managing Director

SIGNATURE PAGE TO
SUCCESSOR AGENCY AGREEMENT - CREDIT AGREEMENT

PATENT
REEL: 050174 FRAME: 0030

SILVER OAK CAPITAL, L.L.C.
AG CENTRE STREET PARTNERSHIP, L.P.
AG SUPER FUND MASTER, L.P., *as Lenders*

By: Angelo, Gordon & Co., L.P., *as managing member,
manager or advisor*

By: 
Name: _____
Title: **David Kamin**
Authorized Signatory

SIGNATURE PAGE TO
SUCCESSOR AGENCY AGREEMENT - CREDIT AGREEMENT

PATENT
REEL: 050174 FRAME: 0031

AG Diversified Income Master Plus, L.P.
AG Global Debt Strategy Partners, L.P.
AG Diversified Income Master Fund, L.P.
AG Rio Grande FMC, L.P.
Kaiser Permanente Group Trust
James River Insurance Company
JRG Reinsurance Company, Ltd.
Kaiser Foundation Hospitals
Northwoods Capital XI-B, Limited
Northwoods Capital XII-B, Limited
Northwoods Capital XIV-B, Limited
Northwoods Capital XV, Limited
Northwoods Capital XVI, Limited
Northwoods Capital XVII, Limited
James River Insurance Company, *as Lenders*

By: Angelo, Gordon & Co., L.P., *as manager or advisor*

By: 
Name: _____
Title:

Maureen D'Alleva
Authorized Signatory

SIGNATURE PAGE TO
SUCCESSOR AGENCY AGREEMENT - CREDIT AGREEMENT

PATENT
REEL: 050174 FRAME: 0032

GSO Churchill Partners LP, as Lender

By: GSO Churchill Associates LLC, its general partner

By: _____
Name: Marisa J. Beeney
Title: Authorized Signatory

GSO Credit-A Partners LP, as Lender

By: GSO Credit-A Associates LLC, its general partner

By: _____
Name: Marisa J. Beeney
Title: Authorized Signatory

GSO Palmetto Opportunistic Investment Partners LP, as Lender

By: GSO Palmetto Opportunistic Associates LLC, its general partner

By: _____
Name: Marisa J. Beeney
Title: Authorized Signatory

GSO Credit Alpha Trading (Cayman) LP, as Lender

By: GSO Credit Alpha Associates LLC, its general partner

By: _____
Name: Marisa J. Beeney
Title: Authorized Signatory

GSO Credit Alpha II Trading (Cayman) LP, as Lender

By: GSO Credit Alpha Associates II LP, its general partner

By: _____
Name: Marisa J. Beeney
Title: Authorized Signatory

GSO Harrington Credit Alpha Fund (Cayman) L.P. , as Lender

By: GSO Harrington Credit Alpha Associates L.L.C., its general partner

By: _____
Name: Marisa J. Beeney
Title: Authorized Signatory

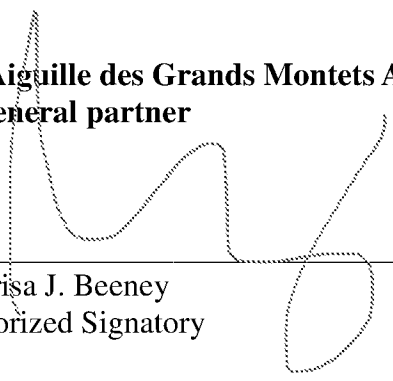
**GSO Aiguille des Grands Montets Fund I LP, as
Lender**

**By: GSO Aiguille des Grands Montets Associates
LLC, its general partner**

By: _____

Name: Marisa J. Beeney

Title: Authorized Signatory



Schedule 1

(Description of UCC Financing Statements)

1. UCC Financing Statement with INFLOW LLC as Debtor and Cortland Capital Market Services LLC as Secured Party, Initial Filing No. 20193141335 with the Delaware Secretary of State
2. UCC Financing Statement with SUNGARD AVAILABILITY NETWORK SOLUTIONS INC. as Debtor and Cortland Capital Market Services LLC as Secured Party, Initial Filing No. 20193141343 with the Delaware Secretary of State
3. UCC Financing Statement with SUNGARD AVAILABILITY SERVICES HOLDINGS (CANADA), INC. as Debtor and Cortland Capital Market Services LLC as Secured Party, Initial Filing No. 20193141368 with the Delaware Secretary of State
4. UCC Financing Statement with SUNGARD AVAILABILITY SERVICES HOLDINGS (EUROPE), INC. as Debtor and Cortland Capital Market Services LLC as Secured Party, Initial Filing No. 20193141376 with the Delaware Secretary of State
5. UCC Financing Statement with SUNGARD AVAILABILITY SERVICES HOLDINGS, LLC as Debtor and Cortland Capital Market Services LLC as Secured Party, Initial Filing No. 20193141384 with the Delaware Secretary of State
6. UCC Financing Statement with SUNGARD AVAILABILITY SERVICES TECHNOLOGY, LLC as Debtor and Cortland Capital Market Services LLC as Secured Party, Initial Filing No. 20193141392 with the Delaware Secretary of State
7. UCC Financing Statement with SUNGARD AVAILABILITY SERVICES VERICENTER, INC. as Debtor and Cortland Capital Market Services LLC as Secured Party, Initial Filing No. 20193141400 with the Delaware Secretary of State
8. UCC Financing Statement with SUNGARD AVAILABILITY SERVICES, LP as Debtor and Cortland Capital Market Services LLC as Secured Party, Initial Filing No. 2019050601143 with the Pennsylvania Secretary of State
9. UCC Financing Statement with SUNGARD AVAILABILITY SERVICES, LTD. as Debtor and Cortland Capital Market Services LLC as Secured Party, Initial Filing No. 20193141418 with the Delaware Secretary of State
10. UCC Financing Statement with SUNGARD AS NEW HOLDINGS III, LLC as Debtor and Cortland Capital Market Services LLC as Secured Party, Initial Filing No. 2019 3142853 with the Delaware Secretary of State
11. UCC Financing Statement with SUNGARD AS NEW HOLDINGS II, LLC as Debtor and Cortland Capital Market Services LLC as Secured Party, Initial Filing No. 2019 3142523 with the Delaware Secretary of State

12. UCC Financing Statement with SUNGARD AVAILABILITY SERVICES HOLDINGS (CANADA), INC. as Debtor and Cortland Capital Markets Services LLC as Secured Party, Initial Filing No. 2019058345 with the Delaware Secretary of State
13. Ontario PPSA financing statement with SUNGARD AVAILABILITY SERVICES HOLDINGS (CANADA), INC. as Debtor and Cortland Capital Markets Services LLC as Secured Party, filed as Ontario PPSA registration number 20190528 1134 9234 6642 (reference file number 751649445)

Schedule 2

(Description of Collateral)

1. Possessory Collateral

- a. SUNGARD AVAILABILITY SERVICES HOLDINGS, LLC Certificate No. 3 for 1,000 shares issued to SUNGARD AS NEW HOLDINGS III, LLC
- b. SUNGARD AVAILABILITY SERVICES TECHNOLOGY, LLC Certificate No. 2 for 1,000 shares issued to SUNGARD AVAILABILITY SERVICES HOLDINGS, LLC
- c. SUNGARD AVAILABILITY SERVICES HOLDINGS (EUROPE), INC. Certificate No. 3 for 650 shares issued to SUNGARD AVAILABILITY SERVICES HOLDINGS, LLC
- d. SUNGARD AVAILABILITY SERVICES HOLDINGS (EUROPE), INC. Certificate No. 5 for 350 shares issued to SUNGARD AVAILABILITY SERVICES HOLDINGS, LLC
- e. SUNGARD AVAILABILITY NETWORK SOLUTIONS INC. Certificate No. 3 for 1,000 shares issued to SUNGARD AVAILABILITY SERVICES HOLDINGS, LLC
- f. SUNGARD AVAILABILITY SERVICES HOLDINGS (CANADA), INC. Certificate No. 2 for 18 shares issued to SUNGARD AVAILABILITY SERVICES, LP
- g. SUNGARD AVAILABILITY SERVICES HOLDINGS (CANADA), INC. Certificate No. 5 for 350 shares issued to SUNGARD AVAILABILITY SERVICES, LP
- h. SUNGARD AVAILABILITY SERVICES HOLDINGS (CANADA), INC. Certificate No. 4 for 632 shares issued to SUNGARD AVAILABILITY SERVICES HOLDINGS, LLC
- i. INFLOW LLC Certificate No. 1 for 100 shares issued to SUNGARD AVAILABILITY SERVICES TECHNOLOGY, LLC
- j. STROHL SYSTEMS (UK) LTD Certificate A3 for 325 "A" ordinary shares issued to SUNGARD AVAILABILITY SERVICES, LP
- k. STROHL SYSTEMS (UK) LTD Certificate A3 for 325 "B" ordinary shares issued to SUNGARD AVAILABILITY SERVICES, LP
- l. SUNGARD AVAILABILITY SERVICES VERICENTER, INC. Certificate No. 339 for 1,000 shares issued to SUNGARD AVAILABILITY SERVICES, LP

- m. SUNGARD AVAILABILITY SERVICES, LTD. Certificate No. 4 for 1,000 shares issued to SUNGARD AVAILABILITY SERVICES HOLDINGS (EUROPE), INC.
 - n. SUNGARD AVAILABILITY SERVICES (CANADA) LTD. Certificate No. 6 for 1,000 shares issued to SUNGARD AVAILABILITY SERVICES HOLDINGS (CANADA), INC.
 - o. SUNGARD AVAILABILITY SERVICES (UK) LIMITED Certificate No. 9 for 6,501 shares issued to SUNGARD AVAILABILITY SERVICES HOLDINGS (EUROPE), INC.
 - p. SUNGARD AVAILABILITY SERVICES (UK) LIMITED Certificate No. 10 for 3,500 shares issued to SUNGARD AVAILABILITY SERVICES HOLDINGS (EUROPE), INC.
 - q. GUARDIAN IT Certificate No. 4 for 15,600,000 shares issued to SUNGARD AVAILABILITY SERVICES, LTD.
 - r. GUARDIAN IT Certificate No. 5 for 8,399,999 shares issued to SUNGARD AVAILABILITY SERVICES, LTD.
 - s. Indemnity for Lost Share Certificate for SUNGARD AVAILABILITY SERVICES HOLDINGS (UK), LTD. Certificate No. 1 for 1 share issued to SUNGARD AVAILABILITY SERVICES, LTD.
2. Control Agreements
- a. None.
3. Mortgages
- a. Debenture dated as of May 29, 2019 by SUNGARD AVAILABILITY SERVICES HOLDINGS (CANADA), INC. in favour of Cortland Capital Markets Services LLC charging, among other things, the real property owned by SUNGARD AVAILABILITY SERVICES HOLDINGS (CANADA), INC. and municipally known as 1800 Argentia Drive, Mississauga, Ontario, Canada, and registered on June 3, 2019 as Instrument No. PR3487662.
4. IP
- a. Intellectual Property Security Agreement dated as of May 3, 2019 by and among Sungard AS New Holdings III, LLC, Sungard AS New Holdings II, LLC and Cortland Capital Market Services LLC
 - b. Intellectual Property Security Interest Agreement dated as of May 3, 2019 by and among Sungard AS New Holdings III, LLC, Sungard AS New Holdings II, LLC, Sungard Availability Services, LP and Cortland Capital Market Services LLC

5. Insurance

- a. Evidence of Property Insurance dated May 3, 2019, Policy No. US00083644PR19A
- b. Certificate of Liability Insurance dated May 3, 2019, Certificate No. CLE-006426565-05
- c. Certificate of Liability Insurance dated May 3, 2019, Certificate No. CLE-006426760-01

SCHEDULE A**Copyrights**

Loan Party	Registered Owner	Title	Registration / Serial Number
SunGard Availability Services, LP	SunGard Availability Services LP	Abduction Of A Student Incident Workbook	TX 5-187-756
SunGard Availability Services, LP	SunGard Availability Services LP	Account Analysis Restoration	TX 5-495-036
SunGard Availability Services, LP	SunGard Availability Services LP	Accounting Restoration	TX 5-495035
SunGard Availability Services, LP	SunGard Availability Services LP	Accounts Payable	TX 5-495-034
SunGard Availability Services, LP	SunGard Availability Services LP	ATM Restoration	TX 5-492-529
SunGard Availability Services, LP	SunGard Availability Services LP	Audit Compliance	TX-5-492-524
SunGard Availability Services, LP	SunGard Availability Services LP	Bomb Explosion and Fire At School Incident Workbook	TX-5-162-353
SunGard Availability Services, LP	SunGard Availability Services LP	Bomb-Threat Incident Workbook: Sample School Site	TX 5-492-526
SunGard Availability Services, LP	SunGard Availability Services LP	Bond Processing	TX 5-492-526
SunGard Availability Services, LP	SunGard Availability Services LP	Bookkeeping, Research & Statement Rendering Workbook: Sample Bank	TX 5-565-645
SunGard Availability Services, LP	SunGard Availability Services LP	Branch Recovery Workbook: Sample Bank	TX 5-565-646
SunGard Availability Services, LP	SunGard Availability Services LP	Call Center Restoration Workbook: Sample Bank	TX 5-565-643

Loan Party	Registered Owner	Title	Registration / Serial Number
SunGard Availability Services, LP	SunGard Availability Services LP	Cash Management Restoration	TX 5-495-038
SunGard Availability Services, LP	SunGard Availability Services LP	Central File Updates	TX 5-495-048
SunGard Availability Services, LP	SunGard Availability Services LP	Certificates of Deposit	TX 5-495-047
SunGard Availability Services, LP	SunGard Availability Services LP	Collections Restoration Workbook: Sample Bank	TX 5-488-186
SunGard Availability Services, LP	SunGard Availability Services LP	Command Center Establishment Workbook	TX 5-488-182
SunGard Availability Services, LP	SunGard Availability Services LP	Commercial Loan File Damage Assessment Workbook: Sample Bank	TX 5-488-190
SunGard Availability Services, LP	SunGard Availability Services LP	Commercial Loan Restoration Workbook: Sample Bank	TX 5-484-561
SunGard Availability Services, LP	SunGard Availability Services LP	Communicable Disease Exposure Incident Workbook: Sample School Site	TX 5-187-761
SunGard Availability Services, LP	SunGard Availability Services LP	Consumer Loan Customer Contract Procedures	TX 5-484-562
SunGard Availability Services, LP	SunGard Availability Services LP	Consumer Loan File Damage Assessment	TX 5-484-563
SunGard Availability Services, LP	SunGard Availability Services LP	Consumer Loan Origination And Servicing	TX 5-484-549
SunGard Availability Services, LP	SunGard Availability Services LP	Core Systems Recovery	TX 5-484-548
SunGard Availability Services, LP	SunGard Availability Services LP	Credit Card Restoration Workshop	TX 5-484-550

Loan Party	Registered Owner	Title	Registration / Serial Number
SunGard Availability Services, LP	SunGard Availability Services LP	Custodian Of Sensitive Information Workbook	TX 5-484-551
SunGard Availability Services, LP	SunGard Availability Services LP	Daily Report Generation	TX 5-484-552
SunGard Availability Services, LP	SunGard Availability Services LP	Damage Assessment	TX 5-484-547
SunGard Availability Services, LP	SunGard Availability Services LP	Data Security	TX 5-495-033
SunGard Availability Services, LP	SunGard Availability Services LP	Debit Card Restoration	TX 5-495-043
SunGard Availability Services, LP	SunGard Availability Services LP	Declaring a Disaster	TX 5-495-042
SunGard Availability Services, LP	SunGard Availability Services LP	Deposit Operations Restoration Workbook: Sample Bank	TX 5-488-188
SunGard Availability Services, LP	SunGard Availability Services LP	Disaster Recovery Plan Coordination Workbook: Sample Bank	TX 5-488-187
SunGard Availability Services, LP	SunGard Availability Services LP	Earthquake Incident Workbook	TX 5-201-452
SunGard Availability Services, LP	SunGard Availability Services LP	Employee Call Chain Docketed Workbook	TX 6-644-186
SunGard Availability Services, LP	SunGard Availability Services LP	Employee Contact and Work Schedule Workbook	TX 5-488-189
SunGard Availability Services, LP	SunGard Availability Services LP	Employee Workbook: Sample Bank	TX 5-488-185
SunGard Availability Services, LP	SunGard Availability Services LP	Equipment, Supply And Form Acquisition Handbook: Sample Bank	TX 5-488-183

Loan Party	Registered Owner	Title	Registration / Serial Number
SunGard Availability Services, LP	SunGard Availability Services LP	Establishment Of Temporary Facilities Workbook: Sample Bank	TX 5-488-175
SunGard Availability Services, LP	SunGard Availability Services LP	Faculty/Staff Call Chain Workbook	TX 5-201-458
SunGard Availability Services, LP	SunGard Availability Services LP	Faculty/Staff Workbook	TX 5-162-352
SunGard Availability Services, LP	SunGard Availability Services LP	False Fire Alarms Incident Workbook	TX 5-162-354
SunGard Availability Services, LP	SunGard Availability Services LP	Fedline Restoration Workbook: Sample Bank	TX 5-488-184
SunGard Availability Services, LP	SunGard Availability Services LP	Fire At School Incident Workbook	TX 5-162-355
SunGard Availability Services, LP	SunGard Availability Services LP	Food Poisoning Or Unintentional Toxin Ingestion Incident Workbook: Sample School Site	TX 5-187-754
SunGard Availability Services, LP	SunGard Availability Services LP	Global Decisions	TX -5-492-528
SunGard Availability Services, LP	SunGard Availability Services LP	Hate Crimes Incident Workbook: Sample School Site	TX 5-187-755
SunGard Availability Services, LP	SunGard Availability Services LP	Holding Company	TX 5-492-527
SunGard Availability Services, LP	SunGard Availability Services LP	Hostage Taking Event Workbook: Sample School Site	TX 5-187-758
SunGard Availability Services, LP	SunGard Availability Services LP	Hot-Site Coordination	TX 5-492-531
SunGard Availability Services, LP	SunGard Availability Services LP	Human Resources Restoration Workbook	TX 5-492-532

Loan Party	Registered Owner	Title	Registration / Serial Number
SunGard Availability Services, LP	SunGard Availability Services LP	Hurricane Incident Workbook	TX 5-162-348
SunGard Availability Services, LP	SunGard Availability Services LP	I.S. Team Leader Workbook	TX 5-495-037
SunGard Availability Services, LP	SunGard Availability Services LP	Insurance Company Notification	TX 5-492-525
SunGard Availability Services, LP	SunGard Availability Services LP	Interactive Voice Response Workbook	TX 5-492-530
SunGard Availability Services, LP	SunGard Availability Services LP	Internal Payroll Restoration	TX 5-484-557
SunGard Availability Services, LP	SunGard Availability Services LP	Item Processing Restoration	TX 5-484-556
SunGard Availability Services, LP	SunGard Availability Services LP	LAN/WAN Restoration	TX 5-484-555
SunGard Availability Services, LP	SunGard Availability Services LP	Legal Issues Workbook	TX 5-495-044
SunGard Availability Services, LP	SunGard Availability Services LP	Life Threatening Substance Abuse Incident	TX 5-201-459
SunGard Availability Services, LP	SunGard Availability Services LP	Marketing Restoration	TX 5-495-046
SunGard Availability Services, LP	SunGard Availability Services LP	Merchant Services	TX 5-495-045
SunGard Availability Services, LP	SunGard Availability Services LP	Missing Student Or Staff Incident Workbook	TX 5-186-324
SunGard Availability Services, LP	SunGard Availability Services LP	Motor Vehicle Accident With Student Fatality Incident Workbook	TX 5-201-454
SunGard Availability Services, LP	SunGard Availability Services LP	PBX System Workbook	TX 5-495-041

Loan Party	Registered Owner	Title	Registration / Serial Number
SunGard Availability Services, LP	SunGard Availability Services LP	Physical Attack (With Weapon) Incident Workbook	TX 5-186-312
SunGard Availability Services, LP	SunGard Availability Services LP	Preparation Of Financial Statements Workbook	TX 5-495-040
SunGard Availability Services, LP	SunGard Availability Services LP	Public Notification	TX 5-495-039
SunGard Availability Services, LP	SunGard Availability Services LP	Regulatory Reporting	TX 5-484-560
SunGard Availability Services, LP	SunGard Availability Services LP	Resource Organizations Workbook	TX 5-201-457
SunGard Availability Services, LP	SunGard Availability Services LP	Restoration of Permanent	TX 5-484-559
SunGard Availability Services, LP	SunGard Availability Services LP	Roles Workbook	TX 5-484-558
SunGard Availability Services, LP	SunGard Availability Services LP	Safe Deposit Boxes	TX 5-484-546
SunGard Availability Services, LP	SunGard Availability Services LP	Sample School Site: Disruptive Student In Registered Classroom Incident Workbook	TX 5-193-864
SunGard Availability Services, LP	SunGard Availability Services LP	Sample School Site: Environmental Hazards Exposure Incident Workbook	TX 5-193-861
SunGard Availability Services, LP	SunGard Availability Services LP	Sample School Site: Physical Attack (Without Weapon – Bullying) Incident Workbook	TX 5-193-860
SunGard Availability Services, LP	SunGard Availability Services LP	Sample School Site: Roles Workbook	TX 5-193-862
SunGard Availability Services, LP	SunGard Availability Services LP	Sample School Site: School Bus Accident Incident Workbook	TX 5-193-863

Loan Party	Registered Owner	Title	Registration / Serial Number
SunGard Availability Services, LP	SunGard Availability Services LP	Security And Safekeeping Administration Workbook	TX 5-484-545
SunGard Availability Services, LP	SunGard Availability Services LP	Severe Flooding Incident Workbook	TX 5-190-921
SunGard Availability Services, LP	SunGard Availability Services LP	Sexual Abuse Of A Student Workbook	TX 5-201-460
SunGard Availability Services, LP	SunGard Availability Services LP	Sexual Harassment Of A Student Workbook	TX 5-162-347
SunGard Availability Services, LP	SunGard Availability Services LP	Strobl Systems Group, Inc.'s Website in HTML; (2002 Web Site HTML)	TX 5-597-404
SunGard Availability Services, LP	SunGard Availability Services LP	Strobl Systems Group, Inc.'s Website In HTML; (2002 Web Site HTML)	TX 5-597-403
SunGard Availability Services, LP	SunGard Availability Services LP	Student Body Riot Incident Workbook	TX 5-162-349
SunGard Availability Services, LP	SunGard Availability Services LP	Student Loans	TX 5-484-544
SunGard Availability Services, LP	SunGard Availability Services LP	Student Placed On Life Support Machine Incident Workbook	TX 5-201-456
SunGard Availability Services, LP	SunGard Availability Services LP	Student Self-Mutilation Cutting Incident Workbook	TX 5-190-923
SunGard Availability Services, LP	SunGard Availability Services LP	Student Workbook: Sample School Site	TX 5-187-759
SunGard Availability Services, LP	SunGard Availability Services LP	Sudden Death of Student Workbook	TX 5-162-356
SunGard Availability Services, LP	SunGard Availability Services LP	Suicide Completion Incident Workbook	TX 5-190-925







Loan Party	Registered Owner	Title	Registration / Serial Number
SunGard Availability Services, LP	SunGard Availability Services LP	Telephone, Fax, Or Internet Abuse Incident Workbook	TX 5-187-757
SunGard Availability Services, LP	SunGard Availability Services LP	Teller And CSR Operations Restoration Workbook: Sample Bank	TX 5-565-644
SunGard Availability Services, LP	SunGard Availability Services LP	Tornado Incident Workbook	TX 5-162-350
SunGard Availability Services, LP	SunGard Availability Services LP	Training Restoration Workbook: Sample Bank	TX 5-565-642
SunGard Availability Services, LP	SunGard Availability Services LP	Treasury, Tax & Loan (TT&L) Transactions Workbook: Sample Bank	TX 5-565-641
SunGard Availability Services, LP	SunGard Availability Services LP	Trust Restoration	TX 5-484-553
SunGard Availability Services, LP	SunGard Availability Services LP	Unauthorized Visitor On School Premises Incident Workbook	TX 5-162-351
SunGard Availability Services, LP	SunGard Availability Services LP	Verbal/Physical Threat (With Weapon) Incident Workbook	TX 5-190-924
SunGard Availability Services, LP	SunGard Availability Services LP	Verbal/Physical Threat (Without Weapon) Incident Workbook	TX 5-201-455
SunGard Availability Services, LP	SunGard Availability Services LP	Violent Gang Conflict Incident Workbook: Sample School Site	TX 5-187-760
SunGard Availability Services, LP	SunGard Availability Services LP	Wire Transfer Restoration	TX 5-484-554
SunGard Availability Services, LP	SunGard Availability Services LP	Sudden death of staff incident workbook	TX5190922
SunGard Availability Services, LP	SunGard Availability Services LP	Suicide attempt incident workbook	TX501453

Trademarks

Loan Party	Registered Owner	Mark	Registration / Application Number	Jurisdiction	Status
Sungard Availability Services, LP	Sungard Availability Services LP	KEEPING PEOPLE AND INFORMATION CONNECTED	2,899,162	United States	Registered
Sungard Availability Services, LP	Sungard Availability Services LP	MEGACENTER	1,478,077	United States	Registered
Sungard Availability Services, LP	Sungard Availability Services (Canada) Ltd.	MEGACENTER	TMA346.883	Canada	Registered
Sungard Availability Services, LP	Sungard Availability Services LP	MEGAVOICE	1,935,769	United States	Registered
Sungard Availability Services, LP	Sungard Availability Services LP	METROCENTER	1,783,696	United States	Registered
Sungard Availability Services, LP	Sungard Availability Services LP	PRECOVERY	2,354,079	United States	Registered
Sungard Availability Services, LP	Sungard Availability Services LP	RECOVER2CLOUD	4,238,624	United States	Registered
Sungard Availability Services, LP	SunGard Availability Services (UK) Limited	GUARDIAN	UK00001542624	United Kingdom	Registered
Sungard Availability Services, LP	SunGard Availability Services (UK) Limited	TELEVault	UK00002019975	United Kingdom	Registered

Loan Party	Registered Owner	Mark	Registration / Application Number	Jurisdiction	Status
Sungard Availability Services, LP	SunGard Availability Services (UK) Limited	TELEVAULT	EU001945484	European Community	Registered
Sungard Availability Services, LP	SunGard Availability Services (UK) Limited	SAFEACE (stylized)	UK00002228623	United Kingdom	Registered
Sungard Availability Services, LP	SunGard Availability Services (UK) Limited	SAFETYNET E-CONTINUITY	UK00002206341	United Kingdom	Registered
Sungard Availability Services, LP	SunGard Availability Services (UK) Limited	SAFETYNET	UK00002048710	United Kingdom	Registered
Sungard Availability Services, LP	SunGard Availability Services (UK) Limited	E-MAILVAULT	EU002602373	European Community	Registered
Sungard Availability Services, LP	SunGard Availability Services (UK) Limited	VIGILPLUS (stylized)	EU002008985	European Community	Registered
Sungard Availability Services, LP	SunGard Availability Services (UK) Limited	VIGILPLUS (stylized)	UK00002255449	United Kingdom	Registered
Sungard Availability Services, LP	Sungard Availability Services Capital, Inc.	IT FOR BUSINESS THAT NEVER STOPS	5,287,406	United States	Registered

Loan Party	Registered Owner	Mark	Registration / Application Number	Jurisdiction	Status
Sungard Availability Services, LP	Sungard Availability Services Capital, Inc.	TAME THE BEAR	5,292,272	United States	Registered
Sungard Availability Services, LP	Sungard Availability Services Capital, Inc.	MAKING THE EVERYDAY HAPPEN	16147803	European Community	Registered
Sungard Availability Services, LP	Sungard Availability Services Capital, Inc.	TAME THE BEAR	EU016147829	European Community	Registered
Sungard Availability Services, LP	Sungard Availability Services Capital, Inc.	IT FOR BUSINESS THAT NEVER STOPS	1813655	Canada	Registered
Sungard Availability Services, LP	Sungard Availability Services Capital, Inc.	TAME THE BEAR	1813654	Canada	Registered
Sungard Availability Services, LP	Sungard Availability Services Capital, Inc.	TRANSFICIENT	3245076	United Kingdom	Registered
Sungard Availability Services, LP	Sungard Availability Services Capital, Inc.	TRANSFORMING IT FOR RESILIENT BUSINESS	87/853,778	United States	Pending
Sungard Availability Services, LP	Sungard Availability Services Capital, Inc.	TRANSFORMING IT FOR RESILIENT BUSINESS	1410842	WIPO	Registered

Loan Party	Registered Owner	Mark	Registration / Application Number	Jurisdiction	Status
Sungard Availability Services, LP	Sungard Availability Services Capital, Inc.	TRANSFORMING IT FOR RESILIENT BUSINESS	1895744	Canada	Registered
Sungard Availability Services, LP	Sungard Availability Services Capital, Inc.	A (Stylized) (b/w) 	4,778,494	United States	Registered
Sungard Availability Services, LP	Sungard Availability Services Capital, Inc.	A (Stylized) (color) 	5,045,995	United States	Registered
Sungard Availability Services, LP	Sungard Availability Services Capital, Inc.	A (Stylized) (color) 	995088	Canada	Registered
Sungard Availability Services, LP	Sungard Availability Services Capital, Inc.	A (Stylized) (b/w) 	951,474	Canada	Registered
Sungard Availability Services, LP	Sungard Availability Services Capital, Inc.	A (Stylized) (color) 	4,801,264	United States	Registered
Sungard Availability Services, LP	Sungard Availability Services Capital, Inc.	A (Stylized) (color) 	1243970	WIPO	Registered
Sungard Availability Services, LP	Sungard Availability Services Capital, Inc.	A (Stylized) (b/w) 	1243972	WIPO	Registered

Loan Party	Registered Owner	Mark	Registration / Application Number	Jurisdiction	Status
Sungard Availability Services, LP	Sungard Availability Services Capital, Inc.	MAKING THE EVERYDAY HAPPEN	1813656	Canada	Pending
Sungard Availability Services, LP	Sungard Availability Services, LP	AVIDANT	2349580	India	Registered

Patents

Loan Party	Title	Application #	Jurisdiction	Patent #
Sungard Availability Services, LP	DYNAMIC RESOURCE ALLOCATION IN RECOVER TO CLOUD SANDBOX	13/283,173	United States	8700946
Sungard Availability Services, LP	DISCOVERING BOOT ORDER SEQUENCE OF SERVERS BELONGING TO AN APPLICATION	13/422,091	United States	9021294
Sungard Availability Services, LP	BUSINESS CONTINUITY ON CLOUD ENTERPRISE DATA CENTERS	13/531,744	United States	8805989
Sungard Availability Services, LP	PRIVATE CLOUD REPLICATION AND RECOVERY	13/436,111	United States	8930747
Sungard Availability Services, LP	AUTOMATING INFRASTRUCTURE WORKFLOWS AS ATOMIC TRANSACTIONS	13/551,848	United States	8935570
Sungard Availability Services, LP	RECOVERY MATURITY MODEL (RMM) FOR READINESS-BASED CONTROL OF DISASTER RECOVERY TESTING	13/792,713	United States	9208006
Sungard Availability Services, LP	LOGICAL DOMAIN RECOVERY	13/752,835	United States	9047248

Loan Party	Title	Application #	Jurisdiction	Patent #
Sungard Availability Services, LP	NETWORK TOPOLOGY-AWARE RECOVERY AUTOMATION	13/365,080	United States	9612814
Sungard Availability Services, LP	RECOVERY AUTOMATION IN HETEROGENEOUS ENVIRONMENTS	13/364,431	United States	9317268
Sungard Availability Services, LP	VIRTUAL INFRASTRUCTURE RECOVERY CONFIGURATOR	13/910,623	United States	9183097
Sungard Availability Services, LP	XML BASED GENERIC UNIX DISCOVERY FRAMEWORK	13/906,983	United States	9479396
Sungard Availability Services, LP	RECOVERY AUTOMATION IN HETEROGENEOUS ENVIRONMENTS	2,804,379	Canada	Pending
Sungard Availability Services, LP	RECOVERY AUTOMATION IN HETEROGENEOUS ENVIRONMENTS	13 275 021.7	European Patent – Validated in Austria, Belgium, Switzerland, Czech Republic, Germany, Spain, Luxembourg, Monaco, Netherlands, France, UK, and Ireland	2624132
Sungard Availability Services, LP	NETWORK TOPOLOGY-AWARE RECOVERY AUTOMATION	2,604,619	Canada	Pending

Loan Party	Title	Application #	Jurisdiction	Patent #
Sungard Availability Services, LP	NETWORK TOPOLOGY-AWARE RECOVERY AUTOMATION	13 275 022.5	European Patent – Validated in Germany, Belgium, Czech Republic, Spain, Luxembourg, Monaco, Netherlands, Serbia, France, UK, and Ireland	2624133
Sungard Availability Services, LP	PRIVATE CLOUD REPLICATION AND RECOVERY	2,810,570	Canada	Pending
Sungard Availability Services, LP	PRIVATE CLOUD REPLICATION AND RECOVERY	13 160 943.0	European Patent – Validated in France, UK, and Ireland	2645253
Sungard Availability Services, LP	DYNAMIC RESOURCE ALLOCATION IN RECOVER TO CLOUD SANDBOX	2,793,245	Canada	Pending
Sungard Availability Services, LP	DYNAMIC RESOURCE ALLOCATION IN RECOVER TO CLOUD SANDBOX	1219299.3	Great Britain	2497168
Sungard Availability Services, LP	RECOVER TO CLOUD: RECOVERY POINT OBJECTIVE ANALYSIS TOOL	1216931.4	Great Britain	2495004
Sungard Availability Services, LP	RECOVERY EXECUTION SYSTEM USING PROGRAMMATIC GENERATION OF ACTIONABLE WORKFLOWS	14682262	United States	9836365

Loan Party	Title	Application #	Jurisdiction	Patent #
Sungard Availability Services, LP	RECOVERY EXECUTION SYSTEM USING PROGRAMMATIC GENERATION OF ACTIONABLE WORKFLOWS	2973896	Canada	Allowed
Sungard Availability Services, LP	RECOVERY EXECUTION SYSTEM USING PROGRAMMATIC GENERATION OF ACTIONABLE WORKFLOWS	167096379	European Patent Office – Validated in Belgium, Switzerland, Luxembourg, Germany, Monaco, France, Ireland, Sweden, UK	3230865
Sungard Availability Services, LP	RECOVERY EXECUTION SYSTEM USING PROGRAMMATIC GENERATION OF ACTIONABLE WORKFLOWS	201747023461	India	Pending
Sungard Availability Services, LP	GENERIC TEST FRAMEWORK FOR SERVICE INTERFACES	15013176	United States	Pending
Sungard Availability Services, LP	GENERIC TEST FRAMEWORK FOR SERVICE INTERFACES	3013448	Canada	Pending
Sungard Availability Services, LP	GENERIC TEST FRAMEWORK FOR SERVICE INTERFACES	177060175	European Patent Office	Pending
Sungard Availability Services, LP	GENERIC TEST FRAMEWORK FOR SERVICE INTERFACES	201847032761	India	Pending
Sungard Availability Services, LP	TOUCH FREE DISASTER RECOVERY	15292646	United States	10210079

Loan Party	Title	Application #	Jurisdiction	Patent #
Sungard Availability Services, LP	TOUCH FREE DISASTER RECOVERY	3000952	Canada	Pending
Sungard Availability Services, LP	TOUCH FREE DISASTER RECOVERY	167876739	European Patent Office	Pending
Sungard Availability Services, LP	TOUCH FREE DISASTER RECOVERY	201847009498	India	Pending
Sungard Availability Services, LP	UNIFIED REPLICATION AND RECOVERY	15725395	United States	Pending
Sungard Availability Services, LP	UNIFIED REPLICATION AND RECOVERY	20190108266	PCT	Pending
Sungard Availability Services, LP	UNIFIED TEST AUTOMATION SYSTEM	15933615	United States	Pending (Unpublished)
Sungard Availability Services, LP	UNIFIED TEST AUTOMATION SYSTEM	PCTUS1922667	PCT	Filed (Unpublished)
	Availability Factor (AFACTOR) Based Automation System	16263492	United States	Filed (Unpublished)
Sungard Availability Services, LP	Plan Visualization	2973888	Canada	Pending
Sungard Availability Services, LP	Virtual infrastructure recovery configurator	GB1409910.5	United Kingdom	GB2517044