

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

Assignment ID: PATI905725

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	SECOND LIEN PATENT SECURITY AGREEMENT	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
DATTO, LLC		03/20/2025
<b>RECEIVING PARTY DATA</b>		
<b>Company Name:</b>	MORGAN STANLEY SENIOR FUNDING, INC., AS SECOND LIEN COLLATERAL AGENT	
<b>Street Address:</b>	1585 Broadway	
<b>City:</b>	New York	
<b>State/Country:</b>	NEW YORK	
<b>Postal Code:</b>	10036	
<b>PROPERTY NUMBERS Total: 46</b>		
<b>Property Type</b>	<b>Number</b>	
Patent Number:	9594636	
Patent Number:	9053216	
Patent Number:	9323638	
Patent Number:	9836347	
Patent Number:	10055424	
Patent Number:	10404521	
Patent Number:	10581858	
Patent Number:	10872016	
Patent Number:	10795775	
Patent Number:	10867040	
Patent Number:	10705939	
Patent Number:	10860442	
Patent Number:	10515057	
Patent Number:	10795688	
Patent Number:	10884871	
Patent Number:	10909005	
Patent Number:	10915407	
Patent Number:	11093344	
Patent Number:	10866808	
Patent Number:	10896101	

PATENT

Property Type	Number
Patent Number:	10990675
Patent Number:	11003545
Patent Number:	10797933
Patent Number:	11182257
Patent Number:	10956282
Patent Number:	11010088
Patent Number:	11036422
Patent Number:	11061713
Patent Number:	11061776
Patent Number:	12045171
Patent Number:	11841768
Patent Number:	11474909
Patent Number:	11347881
Patent Number:	11005922
Patent Number:	11509487
Patent Number:	11616810
Patent Number:	11531488
Patent Number:	11681802
Patent Number:	11582196
Patent Number:	12223362
Patent Number:	11775907
Patent Number:	11650739
Patent Number:	11977455
Patent Number:	11886606
Patent Number:	12141033
Patent Number:	D867998

#### **CORRESPONDENCE DATA**

**Fax Number:**

*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:** 2023704750

**Email:** ipteam@cogencyglobal.com

**Correspondent Name:** Joanna McCall

**Address Line 1:** 1025 Connecticut Ave NW, Suite 712

**Address Line 2:** Cogency Global Inc.

**Address Line 4:** Washington, DISTRICT OF COLUMBIA 20036

<b>ATTORNEY DOCKET NUMBER:</b>	2696624 JM PT 2L 38
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<b>NAME OF SUBMITTER:</b>	Joanna McCall
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<b>SIGNATURE:</b>	/Joanna McCall/
<b>DATE SIGNED:</b>	03/24/2025
<b>Total Attachments: 8</b> source=38. Kaseya – 2L – Datto, LLC - Patent Security Agreement#page1.tiff source=38. Kaseya – 2L – Datto, LLC - Patent Security Agreement#page2.tiff source=38. Kaseya – 2L – Datto, LLC - Patent Security Agreement#page3.tiff source=38. Kaseya – 2L – Datto, LLC - Patent Security Agreement#page4.tiff source=38. Kaseya – 2L – Datto, LLC - Patent Security Agreement#page5.tiff source=38. Kaseya – 2L – Datto, LLC - Patent Security Agreement#page6.tiff source=38. Kaseya – 2L – Datto, LLC - Patent Security Agreement#page7.tiff source=38. Kaseya – 2L – Datto, LLC - Patent Security Agreement#page8.tiff	

## SECOND LIEN PATENT SECURITY AGREEMENT

SECOND LIEN PATENT SECURITY AGREEMENT, dated as of March 20, 2025 (this “Agreement”), among DATTO, LLC, a Delaware limited liability company (the “Grantor”), and MORGAN STANLEY SENIOR FUNDING, INC., as second lien collateral agent (in such capacity, the “Second Lien Collateral Agent”).

Reference is made to (a) that certain Second Lien Credit Agreement, dated as of March 20, 2025 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “Credit Agreement”), among KNOCKOUT INTERMEDIATE HOLDINGS II INC., a Delaware corporation (the “Holdings”), KASEYA INC., a Delaware corporation (the “Borrower”), the Lenders from time to time party thereto and MORGAN STANLEY SENIOR FUNDING, INC., as the administrative agent and collateral agent, and (b) that certain Second Lien Collateral Agreement, dated as of March 20, 2025 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “Collateral Agreement”), among Holdings, the Borrower, the other grantors from time to time party thereto and the Second Lien Collateral Agent. The Lenders have agreed to extend credit to the Borrower subject to the terms and conditions set forth in the Credit Agreement. The Grantor is an Affiliate of the Borrower and is willing to execute and deliver this Agreement in order to induce the Lenders to make additional Loans and/or as consideration for Loans previously made. Accordingly, the parties hereto agree as follows:

SECTION 1. Terms. Capitalized terms used in this Agreement and not otherwise defined herein have the meanings specified in the Collateral Agreement. The rules of construction specified in Section 1.01(b) of the Collateral Agreement also apply to this Agreement.

SECTION 2. Grant of Security Interest. As security for the payment or performance, as the case may be, in full of the Secured Obligations, the Grantor hereby grants to the Second Lien Collateral Agent, its successors and assigns, for the benefit of the Secured Parties, a security interest (the “Security Interest”) in all of such Grantor’s right, title and interest in, to and under (a) the United States Patents and Patent applications listed on Schedule I attached hereto, (b) all reissues, substitutes, divisionals, continuations, continuations-in-part, extensions, renewals, and reexaminations thereof, (c) all rights to sue or otherwise recover for any past, present and future infringement or other violation thereof, (d) all Proceeds of the foregoing, including, without limitation, license fees, royalties, income, payments, claims, damages, proceeds of suit and other payments now or hereafter due and/or payable with respect thereto, and (e) all other rights accruing thereunder or pertaining thereto throughout the world (the “Patent Collateral”). This Agreement is not to be construed as an assignment of any patent or patent application.

SECTION 3. Collateral Agreement. The Grantor hereby acknowledges and affirms that the rights and remedies of the Second Lien Collateral Agent with respect to the Patent Collateral are more fully set forth in the Collateral Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the Collateral Agreement, the terms of the Collateral Agreement shall govern.

SECTION 4. Termination. Subject to Section 5.13 of the Collateral Agreement, at such time as (a) (i) the Commitments shall have expired or been terminated and (ii) all Secured Obligations, including the principal of and interest on each Loan and all fees, expenses and other amounts (excluding contingent obligations as to which no claim has been made or which are otherwise not due) payable under any Loan Document, any Other Second Lien Agreement, any Secured Swap Obligation and any Secured Cash Management Obligation, shall have been paid in full in cash or (b) as set forth in Section 9.14 of the Credit Agreement and any equivalent provision of any Other Second Lien Agreement, the security interest granted herein shall automatically terminate and the Second Lien Collateral Agent shall execute, acknowledge, and

deliver to the Grantors an instrument in writing in recordable form releasing the collateral pledge, grant, assignment, lien and security interest in the Patent Collateral under this Agreement. Any execution and delivery of documents by the Second Lien Collateral Agent pursuant to this Section 4 shall be without recourse or warranty by the Second Lien Collateral Agent or any other Secured Party.


SECTION 5. Counterparts. This Agreement may be executed in counterparts (and by different parties hereto on different counterparts), each of which shall constitute an original but all of which when taken together shall constitute a single contract. Delivery of an executed signature page to this Agreement by facsimile or other electronic transmission shall be effective as delivery of a manually signed counterpart of this Agreement.

SECTION 6. Governing Law. This Agreement shall be construed in accordance with and governed by the laws of the State of New York.


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IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the day and year first above written.

**DATTO, LLC, as Grantor**

By:  Signed by:  
B03411B1054B4DA...  
Name: Ryan Courson  
Title: Chief Financial Officer

**MORGAN STANLEY SENIOR FUNDING, INC., as  
Second Lien Collateral Agent**

By:   
Name: Brian Sanderson  
Title: Authorized Signatory

## Schedule I

<b>Title of Invention</b>	<b>Filing Date</b>	<b>Application Number</b>	<b>Issue Date</b>	<b>Patent Number</b>
MANAGEMENT OF DATA REPLICATION AND STORAGE APPARATUSES, METHODS AND SYSTEMS	05/30/2014	14/292,737	03/14/2017	9,594,636
CPU REGISTER ASSISTED VIRTUAL MACHINE SCREENSHOT CAPTURE TIMING APPARATUSES, METHODS AND SYSTEMS	08/11/2014	14/456,981	06/09/2015	9,053,216
APPARATUSES, METHODS AND SYSTEMS FOR DETERMINING A VIRTUAL MACHINE STATE BASED ON CPU REGISTERS	05/01/2015	14/702,397	04/26/2016	9,323,638
APPARATUSES, METHODS AND SYSTEMS FOR DETERMINING A VIRTUAL MACHINE STATE	03/30/2016	15/085,397	12/05/2017	9,836,347
MANAGEMENT OF DATA REPLICATION AND STORAGE APPARATUSES, METHODS AND SYSTEMS	01/31/2017	15/420,506	08/21/2018	10,055,424
REMOTELY CONFIGURABLE ROUTERS WITH FAILOVER FEATURES, AND METHODS AND APPARATUS FOR RELIABLE WEB-BASED ADMINISTRATION OF SAME	09/03/2019	15/543,445	01/14/2016	10,404,521
NETWORK ATTACHED STORAGE (NAS) APPARATUS HAVING REVERSIBLE PRIVACY SETTINGS FOR LOGICAL STORAGE AREA SHARES, AND METHODS OF CONFIGURING SAME	04/01/2016	15/563,377	03/03/2020	10,581,858
HYBRID CLOUD METHODS, APPARATUS AND SYSTEMS FOR SECURE FILE SHARING AND SYNCHRONIZATION WITH BACKUP AND SERVER VIRTUALIZATION	06/16/2016	15/737,167	12/22/2020	10,872,016
APPARATUSES, METHODS, AND SYSTEMS FOR STORAGE AND ANALYSIS OF SAAS DATA AND NON-SAAS DATA FOR BUSINESSES AND OTHER ORGANIZATIONS	10/31/2016	15/771,443	10/06/2020	10,795,775
SYSTEMS AND METHODS FOR DETECTING RANSOMWARE INFECTION	10/17/2017	15/786,044	12/15/2020	10,867,040



APPARATUSES, METHODS AND SYSTEMS FOR DETERMINING A VIRTUAL MACHINE STATE	12/04/2017	15/830,376	07/07/2020	10,705,939
SYSTEMS, METHODS AND COMPUTER READABLE MEDIA FOR BUSINESS CONTINUITY AND DISASTER RECOVERY (BCDR)	06/01/2018	15/996,103	12/08/2020	10,860,442
MANAGEMENT OF DATA REPLICATION AND STORAGE APPARATUSES, METHODS AND SYSTEMS	07/11/2018	16/032,756	12/24/2019	10,515,057
SYSTEM AND METHOD FOR PERFORMING AN IMAGE-BASED UPDATE	07/23/2018	16/042,399	10/06/2020	10,795,688
SYSTEMS AND METHODS FOR COPYING AN OPERATING SOURCE VOLUME	08/06/2018	16/055,347	01/05/20	10,884,871
OBJECT-LEVEL METADATA-PRESERVING CROSS HETEROGENEOUS OPERATING SYSTEMS BACKUP AND RESTORE APPARATUSES, METHODS AND SYSTEMS	02/25/2019	16/285,189	02/02/2021	10,909,005
SOURCE VOLUME BACKUP WITH ADAPTIVE FINALIZATION APPARATUSES, METHODS AND SYSTEMS	04/22/2019	16/391,205	02/09/2021	10,915,407
SOURCE VOLUME BACKUP WITH PREDICTIVE AND LOOKAHEAD OPTIMIZATIONS APPARATUSES, METHODS AND SYSTEMS	04/22/2019	16/391,243	08/17/2021	11,093,344
METHODS AND SYSTEMS TO TRACK KERNEL CALLS USING A DISASSEMBLER	05/03/2019	16/402,949	12/15/2020	10,866,808
MULTICLIENT BACKUP REPLICATION APPARATUSES, METHODS AND SYSTEMS	05/28/2019	16/424,469	01/19/2021	10,896,101
METHODS AND SYSTEMS FOR DETECTING A RANSOMWARE ATTACK USING ENTROPY ANALYSIS AND FILE UPDATE PATTERNS	06/04/2019	16/431,188	04/27/2021	10,990,675
USER SPACE INCREMENTAL TRACKING APPARATUSES, METHODS AND SYSTEMS	06/16/2019	16/442,514	05/11/2021	11,003,545
REMOTELY CONFIGURABLE ROUTERS WITH FAILOVER FEATURES, AND METHODS AND APPARATUS FOR	07/01/2019	16/459,096	10/06/2020	10,797,933

RELIABLE WEB-BASED ADMINISTRATION OF SAME				
ADAPTIVE DATA BACKUP SCHEDULING BASED ON RELIABILITY METRIC OR METRICS	08/15/2019	16/541,812	11/23/2021	11,182,257
ADAPTIVE DATA RETENTION POLICY BASED ON RELIABILITY METRIC OR METRICS	08/15/2019	16/541,933	0/23/2021	10,956,282
DYNAMICALLY DETERMINED DIFFERENCE REGIONS APPARATUSES, METHODS AND SYSTEMS	09/03/2019	16/559,598	05/18/2021	11,010,088
PRIORITIZATION AND SOURCE- NONSPECIFIC BASED VIRTUAL MACHINE RECOVERY APPARATUSES, METHODS AND SYSTEMS	10/23/2019	16/661,881	06/15/2021	11,036,422
PRIORITIZATION AND SOURCE- NONSPECIFIC BASED VIRTUAL MACHINE RECOVERY APPARATUSES, METHODS AND SYSTEMS	10/23/2019	16/661,934	07/13/2021	11,061,713
PRIORITIZATION AND SOURCE- NONSPECIFIC BASED VIRTUAL MACHINE RECOVERY APPARATUSES, METHODS AND SYSTEMS	10/23/2019	16/661,936	07/13/2021	11,061,776
METHOD AND SYSTEM OF COPYING DATA TO A CLIPBOARD	03/27/2020	16/831,949	07/23/2024	12,045,171
MULTI-CLIENT BACKUP DEDUPLICATION APPARATUSES, METHODS AND SYSTEMS	04/01/2020	16/837,992	12/12/2023	11,841,768
ON-DEMAND VIRTUALIZED DATA RECOVERY APPARATUSES, METHODS AND SYSTEMS	04/01/2020	16/837,997	10/18/2022	11,474,909
METHODS AND SYSTEMS FOR DETECTING RANSOMWARE ATTACK IN INCREMENTAL BACKUP	04/06/2020	16/840,665	05/31/2022	11,347,881
METHOD AND SYSTEM FOR GENERATING REDUCED ADDRESS DATASET AND METHOD AND SYSTEM FOR USING SAID DATASET	09/14/2020	17/020,599	05/11/2021	11,005,922
SYSTEM FOR ROLLOUT OF CERTIFICATES TO CLIENT AND SERVER INDEPENDENT OF PUBLIC KEY INFRASTRUCTURE	09/15/2020	17/021,232	11/22/2022	11,509,487

METHODS AND SYSTEMS FOR RANSOMWARE DETECTION, ISOLATION AND REMEDIATION	12/19/2020	17/128,048	03/28/2023	11,616,810
COPY-ON-WRITE SYSTEMS AND METHODS	02/08/2021	17/170,094	12/20/2022	11,531,488
METHODS AND SYSTEMS FOR DETECTING A RANSOMWARE ATTACK USING ENTROPY ANALYSIS AND FILE UPDATE PATTERNS	04/23/2021	17/238,243	06/20/2023	11,681,802
SYSTEM FOR MANAGING AND CONTROLLING MESH VIRTUAL PRIVATE NETWORK AND METHOD ASSOCIATED THEREWITH	07/19/2021	17/379,006	02/14/2023	11,582,196
MACHINE-LEARNING-BASED BALANCING FOR CLOUD-BASED DISASTER RECOVERY APPARATUSES, PROCESS AND SYSTEMS	08/10/2021	17/399,008	02/11/2025	12,223,362
METHOD FACILITATING BUSINESS CONTINUITY OF ENTERPRISE COMPUTER NETWORK AND SYSTEM ASSOCIATED THEREWITH	08/23/2021	17/409,170	10/03/2023	11,775,907
METHOD FOR GENERATING CRASH-CONSISTENT BACKUP OF SOURCE VOLUME AND APPARATUS ASSOCIATED THEREWITH	12/21/2021	17/557,436	05/16/2023	11,650,739
BACK UP DATA ACROSS CLOUD TRUST ZONE APPARATUSES, PROCESSES AND SYSTEMS	05/20/2022	17/750,279	05/07/2024	11,977,455
METHODS AND SYSTEMS FOR DETECTING RANSOMWARE ATTACK IN INCREMENTAL BACKUP	05/26/2022	17/825,496	01/30/2024	11,886,606
FLEETWIDE ADAPTIVE RATE LIMITING GATEKEEPER APPARATUSES, PROCESSES AND SYSTEMS	6/07/2022	17/834,895	11/12/2024	12,141,033
POWER STRIP	01/25/2018	29/634,833	11/26/2019	D867,998