PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------------|----------------|
| OPEN INVENTION NETWORK LLC | 01/14/2023 |

RECEIVING PARTY DATA

| Name: | INTERNATIONAL BUSINESS MACHINES CORPORATION | | |
|-----------------|---|--|--|
| Street Address: | NEW ORCHARD ROAD | | |
| City: | ARMONK | | |
| State/Country: | NEW YORK | | |
| Postal Code: | 10504 | | |

PROPERTY NUMBERS Total: 51

| Property Type | Number |
|----------------|---------|
| Patent Number: | 6772211 |
| Patent Number: | 6944678 |
| Patent Number: | 7117269 |
| Patent Number: | 7426578 |
| Patent Number: | 7437473 |
| Patent Number: | 7693997 |
| Patent Number: | 7937490 |
| Patent Number: | 8078910 |
| Patent Number: | 8122146 |
| Patent Number: | 8347140 |
| Patent Number: | 8589552 |
| Patent Number: | 8601226 |
| Patent Number: | 8645541 |
| Patent Number: | 8645754 |
| Patent Number: | 8656047 |
| Patent Number: | 8666729 |
| Patent Number: | 8805677 |
| Patent Number: | 9003229 |
| Patent Number: | 9032090 |
| Patent Number: | 9122675 |
| | |

PATENT REEL: 062401 FRAME: 0512

507698723

| Property Type | Number |
|---------------------|--------------|
| Patent Number: | 9256496 |
| Patent Number: | 9323623 |
| Patent Number: | 9354977 |
| Patent Number: | 9356877 |
| Patent Number: | 9380105 |
| Patent Number: | 9413593 |
| Patent Number: | 9507542 |
| Patent Number: | 9514122 |
| Patent Number: | 9819736 |
| Patent Number: | 9870271 |
| Patent Number: | 9910744 |
| Patent Number: | 9954785 |
| Patent Number: | 9983944 |
| Patent Number: | 10019327 |
| Patent Number: | 10212227 |
| Patent Number: | 10402492 |
| Patent Number: | 10445147 |
| Patent Number: | 10467108 |
| Patent Number: | 10592346 |
| Patent Number: | 10628272 |
| Patent Number: | 10701147 |
| Patent Number: | 10990487 |
| Patent Number: | 11249855 |
| Patent Number: | 11307941 |
| Patent Number: | 8495512 |
| Application Number: | 16279990 |
| Application Number: | 16950847 |
| Application Number: | 17724455 |
| Application Number: | 17242190 |
| Application Number: | 17672562 |
| PCT Number: | US2004040163 |

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PATENT

REEL: 062401 FRAME: 0513

| ATTORNEY DOCKET NUMBER: | OIN DEALBOOK 3 |
|-------------------------|------------------|
| NAME OF SUBMITTER: | JENNIFER SMITH |
| SIGNATURE: | /JENNIFER SMITH/ |
| DATE SIGNED: | 01/17/2023 |

Total Attachments: 3

source=Recordable Assignment for OIN Dealbook 3 US (Nov 30 2022)[47]#page1.tif source=Recordable Assignment for OIN Dealbook 3 US (Nov 30 2022)[47]#page2.tif source=Recordable Assignment for OIN Dealbook 3 US (Nov 30 2022)[47]#page3.tif

PATENT REEL: 062401 FRAME: 0514

Recordable Patent Assignment and Reservation

For good and valuable consideration, the receipt of which is hereby acknowledged, and subject to the reservations stated in stated in the Patent Assignment Agreement Reference No. L220909 with an effective date of November 20, 2022 ("Effective Date") ("Patent Assignment Agreement"), OPEN INVENTION NETWORK LLC, a Delaware limited liability company having a place of business at RESEARCH TRIANGLE PARK CENTER, 4819 EMPEROR BOULEVARD, SUITE 400, DURHAM, NORTH CAROLINA 27703, U.S.A. (hereinafter "ASSIGNOR"), hereby grants and assigns to INTERNATIONAL BUSINESS MACHINES CORPORATION, a New York corporation having a place of business at NEW ORCHARD ROAD, ARMONK, NY 10504, U.S.A. (hereinafter "ASSIGNEE"), all of OIN's right, title and interest in and to:

the United States Letters Patents identified in Exhibit A

the United States patent applications identified in Exhibit B

attached hereto (hereinafter, collectively, "ASSIGNED PATENTS"), to have and to hold the same, unto ASSIGNEE for its own use and enjoyment and for the use and enjoyment of its successors and assigns, including all damages for infringement of any of the ASSIGNED PATENTS accruing on and after the Effective Time & Date and the sole right to sue therefore under such ASSIGNED PATENTS, for the full term or terms of all such ASSIGNED PATENTS, subject to all rights granted under the ASSIGNED PATENTS to third parties prior to said Effective Time & Date.

ASSIGNOR hereby reserves and retains, for the benefit of itself and its subsidiaries and its and their successors and assigns, the rights and licenses set forth in the Patent Assignment Agreement.

IN WITNESS WHEREOF, ASSIGNOR has caused this Patent Assignment and Reservation to be duly signed on its behalf.

| By: | E-SIGNED by Keith Bergelt |
|--------|---------------------------|
| Name: | Keith Bergelt |
| Title: | CEO |
| Date: | |

2023-01-14 16:51:24 EST

EXHIBIT A

LISTED PATENTS

| Docket No. | Country | Appl No. | Filing Date | Pat No. | Issue Date |
|-----------------------|---------------|------------|----------------|----------|---------------|
| M-11524-2C US | United States | 10/136,986 | 4/30/02 | 6772211 | 8/3/04 |
| 48731.58 | United States | 09/883,852 | 6/18/01 | 6944678 | 9/13/05 |
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| 45098.00014-ORD-CON3 | United States | 12/724,995 | 3/16/10 | 8645541 | 2/4/14 |
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| 1937.110009 | United States | 15/362,483 | 11/28/16 | 9870271 | 1/16/18 |
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| 48731.662-C5 | United States | 15/168,537 | 5/31/16 | 9954785 | 4/24/18 |
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| AVAIL0108-C6 | United States | 15/991,737 | 5/29/18 | 10592346 | 3/17/20 |
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| AVAIL0108-C7 | United States | 16/821,952 | 3/17/20 | 11249855 | 2/15/22 |
| AH2010-11A-CIP1-C3 | United States | 16/854,860 | 4/21/20 | 11307941 | 4/19/22 |
| GGRD.P0034 | United States | 12/841,161 | 7/21/10 | 8495512 | 7/23/13 |

END OF EXHIBIT A

PATENT REEL: 062401 FRAME: 0516

EXHIBIT B

ASSIGNED PATENT APPLICATIONS

| Docket No. | Country | Appl No. | Filing Date |
|-----------------------|---------------|----------------|-------------|
| 45098.00014-ORD-C4-C2 | United States | 16/279,990 | 2/19/19 |
| 45098.00014-ORD-C4-C3 | United States | 16/950,847 | 11/17/20 |
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| AH2010-11A-CIP6 | United States | 17/242,190 | 4/27/21 |
| AVAIL0108-C8 | United States | 17/672,562 | 2/15/22 |

END OF EXHIBIT B

PATENT REEL: 062401 FRAME: 0517

RECORDED: 01/17/2023