

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT5931003

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
INTERNATIONAL BUSINESS MACHINES CORPORATION	12/30/2019

**RECEIVING PARTY DATA**

<b>Name:</b>	DAEDALUS GROUP, LLC
<b>Street Address:</b>	51 PONDFIELD ROAD
<b>City:</b>	BRONXVILLE
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10708

**PROPERTY NUMBERS Total: 510**

Property Type	Number
Patent Number:	7440910
Patent Number:	6507838
Patent Number:	7302643
Patent Number:	6446004
Patent Number:	6804674
Patent Number:	7437730
Patent Number:	8543251
Patent Number:	6901367
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Patent Number:	7443970

PATENT

<b>Property Type</b>	<b>Number</b>
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<b>Patent Number:</b>	9205805
<b>Patent Number:</b>	9308891

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<b>Patent Number:</b>	8190705
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<b>Patent Number:</b>	8195705
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Patent Number:	9244974
Patent Number:	9250738
Patent Number:	9250913

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Property Type	Number
Patent Number:	9350560
Patent Number:	9361264
Patent Number:	9363312
Patent Number:	9367521
Application Number:	11877171
Application Number:	11559999
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Application Number:	10213950
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Application Number:	13004490
Application Number:	61525310
Application Number:	15403518
Application Number:	15403527
Application Number:	14726456
Application Number:	15955874

**CORRESPONDENCE DATA**

Fax Number: (612)339-6580

*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.*

**PATENT**

**REEL: 051710 FRAME: 0458**

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**Email:** abakke@kinney.com  
**Correspondent Name:** IAN D. MACKINNON  
**Address Line 1:** 312 SOUTH THIRD STREET  
**Address Line 4:** MINNEAPOLIS, MINNESOTA 55415

**NAME OF SUBMITTER:** IAN MACKINNON

**SIGNATURE:** /Ian MacKinnon/

**DATE SIGNED:** 01/27/2020

**Total Attachments: 17**

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## PATENT ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, and subject to the licenses and releases stated in the Patent Assignment Agreement Reference No. L190320 between the parties with an effective time and date of 11:59pm United States Eastern Time on September, 30 2019 ("Effective Time & Date") ("Patent Assignment Agreement"), International Business Machines Corporation, a New York corporation having a place of business at New Orchard Road, Armonk, New York, 10504, U.S.A. (hereinafter "ASSIGNOR"), hereby grants and assigns to Daedalus Group, LLC, a corporation having a place of business at 51 Pondfield Road, Suite 3, Bronxville, NY 10708, (hereinafter "ASSIGNEE"), all of IBM's right, title and interest in and to the United States Letters Patents identified in Exhibit A and the United States patent applications identified in Exhibit C, 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 rights to claim past, present, or future damages for past, present, or future infringement of any of the ASSIGNED PATENTS and the sole right to sue therefor 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.

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

Signature: Lisa M Regan Date: Dec. 30, 2019

Name: Lisa M Regan

Title: VP Finance + Operations, Research + IP



## EXHIBIT A-I

LISTED PATENTS (United States)

IBM Docket Number	Country	Patent Number	Application Number	Filing Date	Issue Date
ARC919990133US1	US	7440910	09/500439	2/9/2000	10/21/2008
ARC919990167US1	US	6507838	09/593206	6/14/2000	1/14/2003
ARC919990216US1	US	7302643	09/531016	3/20/2000	11/27/2007
ARC920000059US1	US	6446004	09/796864	2/28/2001	9/3/2002
ARC920010043US1	US	6804674	09/909590	7/20/2001	10/12/2004
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AU920100012US1	US	8543251	12/973141	12/20/2010	9/24/2013
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*AUS920000712US2	US	8086246	12/020485	1/25/2008	12/27/2011
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AUS920010028US1	US	7496831	09/791152	2/22/2001	2/24/2009
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AUS920010414US1	US	6611750	09/964933	9/27/2001	8/26/2003
AUS920010417US1	US	6574547	09/964932	9/27/2001	6/3/2003
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*AUS920010835US1	US	7443970	10/022624	12/17/2001	10/28/2008
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AUS920020097US1	US	6993285	10/121573	4/11/2002	1/31/2006
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AUS920020332US1	US	6847871	10/232247	8/29/2002	1/25/2005
*AUS920020435US1	US	7797434	10/334605	12/31/2002	9/14/2010
AUS920020435US2	US	8060632	12/841197	7/22/2010	11/15/2011
AUS920020435US3	US	8122138	12/841207	7/22/2010	2/21/2012
AUS920020518US1	US	6847872	10/290399	11/7/2002	1/25/2005
AUS920020518US2	US	6983200	10/980728	11/3/2004	1/3/2006
AUS920020518US3	US	8027843	11/263713	11/1/2005	9/27/2011
AUS920020628US1	US	7209034	10/418610	4/17/2003	4/24/2007
AUS920030151US1	US	8819419	10/406664	4/3/2003	8/26/2014
AUS920030151US2	US	9118634	14/322124	7/2/2014	8/25/2015
AUS920030151US3	US	9628453	14/735239	6/10/2015	4/18/2017
AUS920030151US4	US	9860251	15/418914	1/30/2017	1/2/2018
AUS920030674US1	US	7286913	10/692129	10/23/2003	10/23/2007
AUS920030676US1	US	7231294	10/692169	10/23/2003	6/12/2007
AUS920030911US1	US	7376487	10/721436	11/25/2003	5/20/2008

*AUS920030911US2	US	7856290	11/850468	9/5/2007	12/21/2010
AUS920030911US3	US	7894940	12/136311	6/10/2008	2/22/2011
AUS920030911US4	US	8326458	12/967383	12/14/2010	12/4/2012
AUS920030961US1	US	7088219	10/759937	1/16/2004	8/8/2006
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*AUS920040652US2	US	7522895	11/985372	11/15/2007	4/21/2009
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*AUS920040858US2	US	7546187	12/170066	7/9/2008	6/9/2009
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END OF EXHIBIT A-I

## EXHIBIT A-II

LISTED PATENTS (United States)

IBM Docket Number	Country	Patent Number	Application Number	Filing Date	Issue Date
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TUC920020130US1	US	7356622	10/447637	5/29/2003	4/8/2008
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YOR920030412US1	US	7380086	10/734690	12/12/2003	5/27/2008
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AUS920040945US1	US	7400364	11/114550	4/26/2005	7/15/2008
JP920050079US1	US	7747426	11/292775	12/2/2005	6/29/2010
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BEA920050044US1	US	8042108	11/378554	3/18/2006	10/18/2011
BEA920050045US2	US	8046473	12/941068	11/7/2010	10/25/2011
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IL920080146US1	US	8116567	12/246626	10/7/2008	2/14/2012
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YOR920110193US1	US	9164802	13/114862	5/24/2011	10/20/2015
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YOR920130758US1	US	9292363	14/197749	3/5/2014	3/22/2016
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AUS920120153US1	US	9310424	13/775502	2/25/2013	4/12/2016
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END OF EXHIBIT A-II

**EXHIBIT C-I****ASSIGNED PATENT APPLICATIONS**

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*AUS920105013US3	US	10/213950	8/7/2002	20040028069
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*AUS920145112US1	US	60/752424	12/21/2005	N/A
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*CA920085015US1	US	60/202911	5/10/2000	N/A
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*CHA920020006US3	US	13/468525	5/10/2012	20130124420
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*AUS920010028EP1	EP	01986540.1	12/19/2001	1370980
*AUS920145107EP1	EP	12808145.2	7/2/2012	2727042
*AUS920145112EP1	EP	06847879.1	12/20/2006	1917757
*BEA920060009EP1	EP	07857244.3	12/4/2007	2126769
*CA920085122EP1	EP	07007238.4	4/5/2007	1843286
*CH919990017EP1	EP	99113414.9	7/12/1999	1069500
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