

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Robert Lee Angell</td> <td>07/15/2013</td> </tr> <tr> <td>Robert R. Friedlander</td> <td>07/15/2013</td> </tr> <tr> <td>James R. Kraemer</td> <td>07/15/2013</td> </tr> <tr> <td>Sergio Borger</td> <td>07/15/2013</td> </tr> <tr> <td>Yasodhar Patnaik</td> <td>09/09/2013</td> </tr> </tbody> </table>		Name	Execution Date	Robert Lee Angell	07/15/2013	Robert R. Friedlander	07/15/2013	James R. Kraemer	07/15/2013	Sergio Borger	07/15/2013	Yasodhar Patnaik	09/09/2013
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>International Business Machines Corporation</td> </tr> <tr> <td>Street Address:</td> <td>New Orchard Road</td> </tr> <tr> <td>City:</td> <td>Armonk</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10504</td> </tr> </table>		Name:	International Business Machines Corporation	Street Address:	New Orchard Road	City:	Armonk	State/Country:	NEW YORK	Postal Code:	10504		
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: 5123061757 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 5123061200 Email: jennifer@boiceip.com Correspondent Name: James E. Boice Address Line 1: 3839 Bee Cave Road Address Line 2: Suite 201 Address Line 4: West Lake Hills, TEXAS 78746</p>													
ATTORNEY DOCKET NUMBER:	END920080103US1												
NAME OF SUBMITTER:	James E. Boice												

Signature:	/James E. Boice/
Date:	09/09/2013
Total Attachments: 10 source=END920080103US1_FiledAssignment_09-09-2013#page1.tif source=END920080103US1_FiledAssignment_09-09-2013#page2.tif source=END920080103US1_FiledAssignment_09-09-2013#page3.tif source=END920080103US1_FiledAssignment_09-09-2013#page4.tif source=END920080103US1_FiledAssignment_09-09-2013#page5.tif source=END920080103US1_FiledAssignment_09-09-2013#page6.tif source=END920080103US1_FiledAssignment_09-09-2013#page7.tif source=END920080103US1_FiledAssignment_09-09-2013#page8.tif source=END920080103US1_FiledAssignment_09-09-2013#page9.tif source=END920080103US1_FiledAssignment_09-09-2013#page10.tif	

ASSIGNMENT

Whereas, I, a below named and undersigned inventor, have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

Title of the Invention: **IDENTIFYING AND GENERATING OLFACTORY COHORTS
BASED ON OLFACTORY SENSOR INPUT**

and further identified by the IBM Docket Number provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently herewith or was filed having:

Application No.: 12/277,122 (insert series code /serial number here if required)

Whereas, International Business Machines Corporation, a corporation of New York having a place of business at Armonk, New York (herein referred to as "IBM"), desires to acquire, and I desire to grant to IBM, my entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, I ("ASSIGNOR") hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to IBM (the "ASSIGNEE"), its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to IBM, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the same to be held and enjoyed by IBM, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by me had this Assignment not been made; and I agree to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in IBM, its successors, legal representatives, and assigns, whenever requested by IBM, its successors, legal representatives, or assigns.

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[Inventor Signature Page(s) Follows]

(1) Name of Inventor: **ROBERT LEE ANGELL**

Signature: _____

Date: 15 July 2013

(2) Name of Inventor: **ROBERT R. FRIEDLANDER**

Signature: _____

Date: _____

(3) Name of Inventor: **JAMES R. KRAEMER**

Signature: _____

Date: _____

(4) Name of Inventor: **SERGIO BORGER**

Signature: _____

Date: _____

(5) Name of Inventor: **YASODHAR PATNAIK**

Signature: _____

Date: _____

02/28/2013

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(1) Name of Inventor: **ROBERT LEE ANGELL**

Signature: _____ Date: _____

(2) Name of Inventor: **ROBERT R. FRIEDLANDER**

Signature: Robert R Friedlander Date: 5/15, 2013

(3) Name of Inventor: **JAMES R. KRAEMER**

Signature: _____ Date: _____

(4) Name of Inventor: **SERGIO BORGER**

Signature: _____ Date: _____

(5) Name of Inventor: **YASODHAR PATNAIK**

Signature: _____ Date: _____

02/28/2013

IBM DOCKET NUMBER: END920080103US1

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PATENT

REEL: 031165 FRAME: 0690

IBM DOCKET NUMBER: END920080103US1

(1) Name of Inventor: ROBERT LEE ANGELL

Signature: _____ Date: _____

(2) Name of Inventor: ROBERT R. FRIEDLANDER

Signature: _____ Date: _____

(3) Name of Inventor: JAMES R. KRAEMER

Signature: James R. Kraemer Date: 15 JUL 13

(4) Name of Inventor: SERGIO BORGER

Signature: _____ Date: _____

(5) Name of Inventor: YASODHAR PATNAIK

Signature: _____ Date: _____

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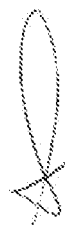
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Signature: _____ Date: _____

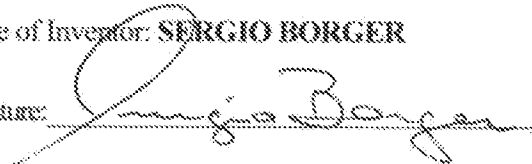
(2) Name of Inventor: **ROBERT R. FRIEDLANDER**

Signature: _____ Date: _____

(3) Name of Inventor: **JAMES R. KRAEMER**

Signature: _____ Date: _____

(4) Name of Inventor: **SERGIO BORGER**

Signature:  _____ Date: 07/15/2013

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Signature: _____ Date: _____

(2) Name of Inventor: **ROBERT R. FRIEDLANDER**

Signature: _____ Date: _____

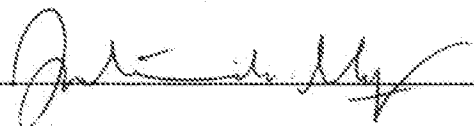
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Signature: _____ Date: _____

(4) Name of Inventor: **SERGIO BORGER**

Signature: _____ Date: _____

(5) Name of Inventor: **YASODHAR PATNAIK**

Signature:  _____ Date: 09/09/2013

02/28/2012