

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| 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>Lisa M. Brown</td> <td>04/19/2013</td> </tr> <tr> <td>Rogério S. Feris</td> <td>04/19/2013</td> </tr> <tr> <td>Arun Hampapur</td> <td>04/28/2013</td> </tr> <tr> <td>Daniel Andre Vaquero</td> <td>04/25/2013</td> </tr> </tbody> </table> | | Name | Execution Date | Lisa M. Brown | 04/19/2013 | Rogério S. Feris | 04/19/2013 | Arun Hampapur | 04/28/2013 | Daniel Andre Vaquero | 04/25/2013 |
| Name | Execution Date | | | | | | | | | | |
| Lisa M. Brown | 04/19/2013 | | | | | | | | | | |
| Rogério S. Feris | 04/19/2013 | | | | | | | | | | |
| Arun Hampapur | 04/28/2013 | | | | | | | | | | |
| Daniel Andre Vaquero | 04/25/2013 | | | | | | | | | | |
| 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: 1 | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13888797</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13888797 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 13888797 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| Fax Number: | 2032556570 | | | | | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | | | |
| Phone: | 203.255.6560 | | | | | | | | | | |
| Email: | car@rml-law.com | | | | | | | | | | |
| Correspondent Name: | RYAN, MASON & LEWIS , LLP | | | | | | | | | | |
| Address Line 1: | 1300 POST ROAD | | | | | | | | | | |
| Address Line 2: | SUITE 205 | | | | | | | | | | |
| Address Line 4: | FAIRFIELD, CONNECTICUT 06824 | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | END920090038US2 | | | | | | | | | | |
| NAME OF SUBMITTER: | Michael J. Cooper | | | | | | | | | | |
| Signature: | /Michael J. Cooper/ | | | | | | | | | | |

CH \$40.00 13888797

PATENT

| | |
|--|--|
| Date: | 05/07/2013 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |
| <p>Total Attachments: 5 source=END920090038US2_FiledAssignment_05072013#page1.tif source=END920090038US2_FiledAssignment_05072013#page2.tif source=END920090038US2_FiledAssignment_05072013#page3.tif source=END920090038US2_FiledAssignment_05072013#page4.tif source=END920090038US2_FiledAssignment_05072013#page5.tif</p> | |

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Lisa M. Brown, Rogerio S. Feris, Arun Hampapur, Daniel Andre Vaquero
Additional name(s) of conveying party(ies) attached?
Yes X No

2. Name and address of receiving party(ies)

Name: International Business Machines Corporation

Internal Address:

Street Address: New Orchard Road

City: Armonk State: NY ZIP: 10504

Additional name(s) & address(es) attached? Yes X No

3. Nature of conveyance:

X Assignment Merger
Security Agreement Change of Name
Other

**Execution Date: April 19, 2013, April 19, 2013,
April 28, 2013, April 25, 2013**

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 13/888,797, Filed May 7, 2013 B. Patent No.(s)
Additional numbers attached? Yes X No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Michael J. Cooper
Internal Address: Ryan, Mason & Lewis, LLP
Street Address: 1300 Post Road, Suite 205
City: Fairfield State: CT ZIP: 06824

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41)..... \$ 40.00

Enclosed

X Authorized to be charged to deposit account

8. Deposit account number 09-0457

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michael J. Cooper
Reg. No. 57,749


Signature

May 7, 2013
Date

Total number of pages including cover sheet, attachments, and document: 5

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, DC 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, DC, 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, DC 20503.

END920090038US2

DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT

Title of Invention: **MULTISPECTRAL DETECTION OF PERSONAL ATTRIBUTES FOR VIDEO SURVEILLANCE**

As a below named inventor, I hereby declare that:

This declaration is directed to the attached application, or (if following box is checked):

United States application or PCT international application number _____ filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, the undersigned inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the IBM Docket Number provided above in the header of this document;

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 each undersigned inventor desires to grant to IBM, the 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, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to IBM (the "ASSIGNEE"), its successors, legal representatives, and assigns, the 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, each undersigned inventor hereby authorizes and requests 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, the 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 the undersigned had this Assignment not been made; and each undersigned inventor agrees 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.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to IBM and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants IBM, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

(1) Legal Name of Inventor: **Lisa Marie Brown**

Signature: Lisa Marie Brown Date: 4/19/2013

(2) Legal Name of Inventor: **Rogério Schmidt Feris**

Signature: Rogério Schmidt Feris Date: 4/19/2013

(3) Legal Name of Inventor: **Arun Hampapur**

Signature: _____ Date: _____

(4) Legal Name of Inventor: **Daniel André Vaquero**

Signature: _____ Date: _____

IBM DOCKET NUMBER: END920090038US2

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to IBM and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants IBM, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

(1) Legal Name of Inventor: **Lisa Marie Brown**

Signature: _____ Date: _____

(2) Legal Name of Inventor: **Rogério Schmidt Feris**

Signature: _____ Date: _____

(3) Legal Name of Inventor: **Arun Hampapur**

Signature: Arun Hampapur Date: 04/28/2013

(4) Legal Name of Inventor: **Daniel André Vaquero**

Signature: _____ Date: _____

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to IBM and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants IBM, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

(1) Legal Name of Inventor: **Lisa Marie Brown**

Signature: _____ Date: _____

(2) Legal Name of Inventor: **Rogério Schmidt Feris**

Signature: _____ Date: _____

(3) Legal Name of Inventor: **Arun Hampapur**

Signature: _____ Date: _____

(4) Legal Name of Inventor: **Daniel André Vaquero**

Signature: *D. Vaquero* Date: 04-25-2013