## 505789350 11/24/2019

# PATENT ASSIGNMENT COVER SHEET

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

#### **CONVEYING PARTY DATA**

| Name              | Execution Date |
|-------------------|----------------|
| SENEM VELIPASALAR | 06/14/2006     |
| LISA MARIE BROWN  | 06/13/2006     |
| ARUN HAMPAPUR     | 06/13/2006     |
| CHIAO-FE SHU      | 06/13/2006     |

### **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**

| Property Type  | Number  |
|----------------|---------|
| Patent Number: | 8134457 |

### **CORRESPONDENCE DATA**

**Fax Number:** (416)920-1350

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.

Email: docketing@pckip.com

Correspondent Name: PERRY + CURRIER INC.
Address Line 1: 1300 YONGE STREET

Address Line 2: SUITE 500

Address Line 4: TORONTO, CANADA M4T 1X3

| ATTORNEY DOCKET NUMBER: | P8368US01        |
|-------------------------|------------------|
| NAME OF SUBMITTER:      | INDRA FERNANDO   |
| SIGNATURE:              | /Indra Fernando/ |
| DATE SIGNED:            | 11/24/2019       |

#### **Total Attachments: 4**

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PATENT 505789350 REEL: 051098 FRAME: 0664

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PATENT REEL: 051098 FRAME: 0665

# (...M Docket) YOR920060394US1 (163-1)

# Assignment

Whereas, I/we

| INVENTOR<br>AND CITY                  | (1) Senem Velipasalar County of Lancaster                                | of Lincoln<br>and State of Nebraska         |
|---------------------------------------|--|---|
| INVENTOR<br>AND CITY                  | (2) Lisa Marie Brown County of Westchester                               | of Pleasantville<br>and State of New York   |
| INVENTOR<br>AND CITY                  | (3) Arun Hampapur<br>County of Fairfield                                 | of Norwalk<br>and State of Connecticut      |
| INVENTOR<br>AND CITY                  | (4) Chiao-Fe Shu County of Westchester                                   | of Scarsdale<br>and State of New York       |
|                                       | have invented certain improvements in                                    |   |
| TITLE                                 | METHOD AND SYSTEM FOR SPA  | TIO-TEMPORAL EVENT                          |
|                                       | DETECTION USING COMPOSITE  | DEFINITIONS FOR CAMERA                      |
|                                       | SYSTEMS  |   |
| DATES THAT<br>INVENTORS<br>SIGNED THE | and executed, respectively, a United St therefor on (1) June 14, , 2006; | ates patent application (2) June 13, , 2006 |
| DECLARATION                           | (3) June 13 ,2006 and (4) June   | e 13, , , 2006.                             |

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

| CITY AND  | (1) at   |
|-----------|--|
| DATE      | on June 14 2006,   |
| SIGNATURE | (Senem Velipasalar) INVENTOR FIRST NAME MIDDLE INITIAL LAST NAME   |
| CITY AND  | (2) at   |
| DATE      | on 2006,   |
| SIGNATURE | (Lisa Marie Brown) INVENTOR<br>FIRST NAME MIDDLE INITIAL LAST NAME |
| CITY AND  | (3) at   |
| DATE      | on 2006,   |
| SIGNATURE | (Arun Hampapur) INVENTOR<br>FIRST NAME MIDDLE INITIAL LAST NAME    |

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CITY AND

## (шМ Docket) YOR920060394US1 (163-1)

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

| DATE  | on 2006,   |
|---|--|
| SIGNATURE   |  |
|   | (Senem Velipasalar) INVENTOR FIRST NAME MIDDLE INITIAL LAST NAME |
| CITY AND  | (2) at Hawthorne, NY   |
| DATE  | on 6/13, 2006,   |
| SIGNATURE   | Les Mane bon   |
|   | (Lisa Marie Brown) INVENTOR FIRST NAME MIDDLE INITIAL LAST NAME  |
| CITY AND  | (3) at Hawthorne, NY   |
| DATE  | on 6/13 2006,  |
| SIGNATURE   | Drunt1   |
|   | (Arun Hampapur) INVENTOR FIRST NAME MIDDLE INITIAL LAST NAME     |
| , Table 1-4 april 1 and 1 a 1980 Fig. 12 A 1 (2 A 1 1 A 2 B 2 |  |

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PATENT REEL: 052099 FRAME: 0662 JUN 14 2006 10:00 FR 00

9147847455 TO 915164963869

P.04/08

(IBM Docket) YOR920060394US1 (163-)

CITY AND

(4) at Howthorne, NY

DATE

on 6/13 2006,

**SIGNATURE** 

(Chiao-Fe Shu) INVENTOR

FIRST NAME MIDDLE INITIAL LAST NAME

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PATENT REEL: 052099 FRAME: 0669

RECORDED: 03/24/2019