# 503305634 05/13/2015

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3352253

| UBMISSION TYPE:   |  | NEW ASSIGNMENT  |                                    |  |
|---|--|---|------------------------------------|--|
| IATURE OF CONVEY  | ANCE:                                  | ASSIGNMENT  |                                    |  |
| CONVEYING PARTY   | DATA                                   |   |                                    |  |
|   |  | Name  | Execution Date                     |  |
| STEPHEN W. BEDELL   |  |   | 06/11/2013                         |  |
| WILFRIED E. HAENSO  | СН                                     |   | 05/23/2013                         |  |
| BAHMAN HEKMATSH   | OARTABA                                | ARI   | 05/20/2013                         |  |
| GHAVAM G. G. SHAHIDI  |  |   | 05/20/2013                         |  |
| DAVOOD SHAHRJER   | DI                                     |   | 05/20/2013                         |  |
| RECEIVING PARTY D   |  |   |                                    |  |
| Name:   |  | INTERNATIONAL BUSINESS MACHINES CORPORATION   |                                    |  |
| Street Address:   | New Or                                 | New Orchard Road  |                                    |  |
| City:   | Armonł                                 | Armonk  |                                    |  |
| State/Country:  | NEW Y                                  | NEW YORK  |                                    |  |
| Postal Code:  | 10504                                  | 10504   |                                    |  |
|   | S Total: 1                             |   |                                    |  |
| PROPERTY NUMBER<br>Property Type  |  | Number  |                                    |  |
| PROPERTY NUMBER<br>Property Type<br>Application Number:   | e                                      |   |                                    |  |
| Property Type<br>Application Number:  | e                                      | Number  |                                    |  |
| Property Type<br>Application Number:<br>CORRESPONDENCE  | e<br>DATA                              | <b>Number</b><br>14556200   |                                    |  |
| Property Type<br>Application Number:<br>CORRESPONDENCE<br>Fax Number:<br><i>Correspondence will</i>   | e<br>DATA<br>be sent to                | Number14556200(203)769-5706o the e-mail address first; if that is unstable  |                                    |  |
| Property Type<br>Application Number:<br>CORRESPONDENCE<br>Fax Number:<br><i>Correspondence will</i>   | e<br>DATA<br>be sent to<br>if provideo | Number<br>14556200<br>(203)769-5706   |                                    |  |
| Property Type<br>Application Number:<br>CORRESPONDENCE<br>Fax Number:<br><i>Correspondence will</i><br><i>using a fax number, i</i>   | e<br>DATA<br>be sent to<br>if provideo | Number   14556200   (203)769-5706   o the e-mail address first; if that is unstable if the is unstable i |                                    |  |
| Property Type<br>Application Number:<br>CORRESPONDENCE<br>Fax Number:<br><i>Correspondence will<br/>using a fax number, i</i><br>Phone:<br>Email:<br>Correspondent Name   | DATA<br>be sent to<br>if provided      | Number   14556200   (203)769-5706   0 the e-mail address first; if that is unsuccessful, it will be sented; if that is unsuccessful, it will be sented and the sented of the sented and the sented of the sented and the sented  | t via US Mail.                     |  |
| Property Type<br>Application Number:<br>CORRESPONDENCE<br>Fax Number:<br><i>Correspondence will<br/>using a fax number, i</i><br>Phone:<br>Email:<br>Correspondent Name<br>Address Line 1:  | e<br>DATA<br>be sent to<br>if provideo | Number<br>14556200<br>(203)769-5706<br>o the e-mail address first; if that is unser<br>d; if that is unsuccessful, it will be serie<br>203 433 3157<br>docket@oeklaw.com<br>OTTERSTEDT, ELLENBOGEN & KAMM<br>P.O. BOX 381   | t <i>via US Mail.</i><br>⁄IER, LLP |  |
| Property Type<br>Application Number:<br>CORRESPONDENCE<br>Fax Number:<br><i>Correspondence will<br/>using a fax number, i</i><br>Phone:<br>Email:<br>Correspondent Name<br>Address Line 1:  | e<br>DATA<br>be sent to<br>if provideo | Number   14556200   (203)769-5706   0 the e-mail address first; if that is unsuccessful, it will be sented; if that is unsuccessful, it will be sented and the sented of the sented and the sented of the sented and the sented  | t <i>via US Mail.</i><br>⁄IER, LLP |  |
| Property Type<br>Application Number:<br>CORRESPONDENCE<br>Fax Number:<br><i>Correspondence will<br/>using a fax number, i</i><br>Phone:   | e<br>DATA<br>be sent to<br>if provideo | Number<br>14556200<br>(203)769-5706<br>D the e-mail address first; if that is unsuccessful, it will be sent<br>203 433 3157<br>docket@oeklaw.com<br>OTTERSTEDT, ELLENBOGEN & KAMM<br>P.O. BOX 381<br>COS COB, CONNECTICUT 06807-0381  | t <i>via US Mail.</i><br>⁄IER, LLP |  |
| Property Type<br>Application Number:<br>CORRESPONDENCE<br>Fax Number:<br><i>Correspondence will<br/>using a fax number, i</i><br>Phone:<br>Email:<br>Correspondent Name<br>Address Line 1:<br>Address Line 4:   | e<br>DATA<br>be sent to<br>if provided | Number   14556200   (203)769-5706   0 the e-mail address first; if that is unsuccessful, it will be sented; if that is unsuccessful, it will be sented; if that is unsuccessful, it will be sented; ocket@oeklaw.com   203 433 3157   docket@oeklaw.com   OTTERSTEDT, ELLENBOGEN & KAMM   P.O. BOX 381   COS COB, CONNECTICUT 06807-0381  | t <i>via US Mail.</i><br>⁄IER, LLP |  |
| Property Type<br>Application Number:<br>CORRESPONDENCE<br>Fax Number:<br>Correspondence will<br>using a fax number, i<br>Phone:<br>Email:<br>Correspondent Name<br>Address Line 1:<br>Address Line 4:   | e<br>DATA<br>be sent to<br>if provided | Number14556200(203)769-5706o the e-mail address first; if that is unsuccessful, it will be sent203 433 3157docket@oeklaw.comOTTERSTEDT, ELLENBOGEN & KAMMP.O. BOX 381COS COB, CONNECTICUT 06807-0381YOR920130180US2   | t <i>via US Mail.</i><br>⁄IER, LLP |  |
| Property Type<br>Application Number:<br>CORRESPONDENCE<br>Fax Number:<br><i>Correspondence will<br/>using a fax number, i</i><br>Phone:<br>Email:<br>Correspondent Name<br>Address Line 1:<br>Address Line 4:<br>NTTORNEY DOCKET N<br>IAME OF SUBMITTER | e<br>DATA<br>be sent to<br>if provided | Number   14556200   (203)769-5706   o the e-mail address first; if that is unsuccessful, it will be send   203 433 3157   docket@oeklaw.com   OTTERSTEDT, ELLENBOGEN & KAMM   P.O. BOX 381   COS COB, CONNECTICUT 06807-0381   YOR920130180US2   PAUL J. OTTERSTEDT   | t <i>via US Mail.</i><br>⁄IER, LLP |  |

**Total Attachments: 3** 

| source=YOR920130180US2_FiledAssignment_05-13-15#page1.tif |
|---|
| source=YOR920130180US2_FiledAssignment_05-13-15#page2.tif |
| source=YOR920130180US2_FiledAssignment_05-13-15#page3.tif |

### 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: FLEXIBLE, STRETCHABLE ELECTRONIC DEVICES

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 13917302 filed on 13-JUN-2013

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 1BM, its successors, legal representatives, and assigns, whenever requested by IBM, its successors, legal representatives, or assigns.

#### PATENT REEL: 035632 FRAME: 0471

## COPY

#### IBM DOCKET NUMBER: YOR920130180US1

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.

1 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: Stephen W. Bedell

Signature: \_Date:

(2) Legal Name of Inventor: Wilfried E. Haensch

23/(3 \$1 Signature: Date:

(3) Legal Name of Inventor: Bahman Hekmatshoartabari

Signature: Date: 5/20/13

(4) Legal Name of Inventor: Ghavam G. Shahidi

Signature: 4/1/1/2 9. 5/2/ \_\_\_\_\_ Date:  $\frac{5}{20}/13$ 

## [IF MORE INVENTORS, ADDITIONAL SIGNATURE PAGE(S) FOLLOWS]

Page 2 of 3

PATENT REEL: 035632 FRAME: 0472 COPY

### IBM DOCKET NUMBER: YOR920130180US1

(5) Legal Name of Inventor: Davood Shahrjerdi

Signature: Date: 512,047

Page 3 of 3

**RECORDED: 05/13/2015**