# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3817389

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

# **CONVEYING PARTY DATA**

| Name                    | Execution Date |
|-------------------------|----------------|
| THE WEATHER CHANNEL LLC | 01/29/2016     |

# **RECEIVING PARTY DATA**

| Name:           | TWC PRODUCT AND TECHNOLOGY, LLC |
|-----------------|---------------------------------|
| Street Address: | 300 INTERSTATE NORTH PARKWAY    |
| City:           | ATLANTA                         |
| State/Country:  | GEORGIA                         |
| Postal Code:    | 30339                           |

# **PROPERTY NUMBERS Total: 30**

| Property Type  | Number  |
|----------------|---------|
| Patent Number: | 7185044 |
| Patent Number: | 7461137 |
| Patent Number: | 7685598 |
| Patent Number: | 8533723 |
| Patent Number: | 7529835 |
| Patent Number: | 7752448 |
| Patent Number: | 8302211 |
| Patent Number: | 7184891 |
| Patent Number: | 7383130 |
| Patent Number: | 7954140 |
| Patent Number: | 7231300 |
| Patent Number: | 7082382 |
| Patent Number: | 7200491 |
| Patent Number: | 7212922 |
| Patent Number: | 7739682 |
| Patent Number: | 8250569 |
| Patent Number: | 7460021 |
| Patent Number: | 7379817 |
| Patent Number: | 7467043 |
| Patent Number: | 7941274 |
|                |         |

PATENT REEL: 038202 FRAME: 0500

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| Property Type       | Number   |
|---------------------|----------|
| Patent Number:      | 7542852  |
| Patent Number:      | 8538696  |
| Patent Number:      | 8594936  |
| Patent Number:      | 8782041  |
| Patent Number:      | 8457612  |
| Patent Number:      | 8872846  |
| Patent Number:      | 7612688  |
| Application Number: | 14288513 |
| Application Number: | 14539223 |
| Application Number: | 14661338 |

#### **CORRESPONDENCE DATA**

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Address Line 2: SUITE 1300

Address Line 4: ATLANTA, GEORGIA 30309

| ATTORNEY DOCKET NUMBER: | 10155-001GEN     |
|-------------------------|------------------|
| NAME OF SUBMITTER:      | SHARON ETELMAN   |
| SIGNATURE:              | /sharon etelman/ |
| DATE SIGNED:            | 04/06/2016       |

#### **Total Attachments: 5**

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PATENT REEL: 038202 FRAME: 0501

#### PATENT ASSIGNMENT

This PATENT ASSIGNMENT (the "Assignment") is made as of 29 January, 2016 by The Weather Channel LLC, a Georgia limited liability company ("Assignor") to TWC Product and Technology, LLC, a Delaware limited liability company ("Assignee").

WHEREAS, BBN Holdings, Inc. ("**Seller**"), International Business Machines Corporation ("**Purchaser**") and TV Spinco LLC are parties to that certain Separation Agreement, dated as of October 28, 2015 (the "**Separation Agreement**");

WHEREAS, pursuant to Section 4.7 of the Separation Agreement, Purchaser requested, and Seller acknowledged and agreed, in that certain letter from Seller to Purchaser, dated as of 29 January, 2016 (the "Consent"), to execute and deliver this Assignment;

WHEREAS, Assignor owns the patent applications and patents as set forth on <u>Schedule I</u> (collectively, the "**Assigned Patents**");

WHEREAS, Assignee desires to purchase or acquire all of Assignor's right, title and interest in and to the Assigned Patents;

NOW, THEREFORE, subject to the terms and conditions of the Separation Agreement and the Consent, the receipt and sufficiency of which is hereby acknowledged, the parties hereto, intending to be legally bound, agree as follows:

- 1. Assignor hereby sells, conveys, assigns and transfers to Assignee, and Assignee hereby accepts, all of Assignor's right, title and interest in and to the Assigned Patents, free and clear of all encumbrances; all rights to apply for registration in foreign countries with full benefit of such priority as may now or hereafter be granted to it by law, treaty or other international convention; and all rights, interests, claims and demands recoverable in law or equity, that Assignor has or may have in profits and damages for past, present and future infringements of the Assigned Patents, including, without limitation, the right to compromise, sue for and collect such profits and damages; all of the foregoing to be held and enjoyed by Assignee, its successors and assigns or their legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.
- 2. From and after the date hereof, Assignor shall, without further consideration, execute and deliver such instruments of transfer, conveyance, assignment and assumption, and take such other action, as may reasonably be necessary to give effect to the transactions contemplated by this Assignment.
- 3. Nothing in this Assignment, express or implied, is intended to or shall be construed to modify, expand, supersede or limit in any way the terms, conditions or obligations of the Separation Agreement or the Consent. To the extent any provision of this Assignment conflicts with or is inconsistent with the terms of the Separation Agreement or the Consent, the Agreement shall control and govern.
- 4. This Assignment shall be governed by, and construed in accordance with, the laws of the State of New York, without giving effect to the conflict of laws rules thereof.

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- 5. If any provision of this Assignment (or any portion thereof) or the application of any such provision (or any portion thereof) to any person or circumstance shall be held invalid, illegal or unenforceable in any respect by a court of competent jurisdiction, such invalidity, illegality or unenforceability shall not affect any other provision hereof (or the remaining portion thereof) or the application of such provision to any other persons or circumstances. It is understood that any finding of invalidity of one assignment as effected hereby shall not affect the assignment of any other Assigned Patents.
- 6. This Assignment may be executed by digital or telephonic facsimile and in one or more counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same Assignment. A signed copy of this Assignment delivered by electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy hereof.

[Signature Page Follows]

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IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment to be duly executed as of the date first written above.

# The Weather Channel LLC

By: S. C. S. C. S. Name: George Callerd

Title: Vice President and Secretary

# TWC Product and Technology, LLC

By: The Weather Company, LLC

Its: Sole Member

By: S. C. C. Name: George Callard

Title: Vice President

# Schedule I

| 7 105 044 | Wild I C . D I' C . D II D . I' DI .  |
|-----------|---|
| 7,185,044 | Weather Information Delivery System and Methods Providing Planning  |
| 7,461,137 | Functionality and Navigational Tools  |
| 7,685,598 | Desktop Application Framework   |
| 8,533,723 | Computing Device Application Framework  |
| 7,529,835 | Website Changes to Scalability, Capacity, Server Impact, Bandwidth and End-User Presentation Based on a Triggered Event |
| 7,752,448 | Domain-Based Application Functionality  |
| 8,302,211 |   |
| 7,184,891 | System and Method for Forecasting Pollen in Accordance with Weather Conditions  |
| 7,383,130 | Weather-Based Activity Advisor  |
| 7,954,140 | Flash Cookies   |
|           | (Flookies)  |
| 7,231,300 | Producing High-Resolution, Real-Time Synthetic Meteorological<br>Conditions form Radar Data                             |
| 7,082,382 | System for Producing High-Resolution, Real-Time Synthetic<br>Meteorological Conditions for a Specified Location         |
| 7,200,491 | System for Producing High-Resolution, Real-Time Synthetic<br>Meteorological Conditions for a Specified Location         |
| 7,212,922 | Method of Determining a Climate-Based Activity Index and Best-Time-<br>To Recommendation                                |
| 7,739,682 | Systems and Methods for Selectively Blocking Application Installation   |
| 8,250,569 |   |
| 7,460,021 | Interactive Wallpaper Weather Map   |
| 7,379,817 | Formulation of Daily Weather Observation  |
| 7,467,043 | Method for Determining Current Synthetic Ultraviolet Index for a Specific Location                                      |
| 7,941,274 | Advance Verification Information For Improved Operational Results   |
| 7,542,852 | Derivation and Production of High-Resolution, Very Short-Term<br>Weather Forecasts                                      |
| 8,538,696 | Providing Weather Data for a Location Using Weather Data Stored for a Finite Number of Locations                        |
| 8,594,936 | Providing Current Estimates of Precipitation Accumulations  |
| 8,782,041 | Text Search for Weather Data  |
| 8,457,612 | Providing Location Based Multimedia Messages to a Mobile Device   |
|           |   |
| 8,872,846 | Interactive Virtual Weather Map   |

| 14/288,513 | Comparative Phrase Engine For Weather And Climatology | _ |
|------------|---|---|
| -          |   |   |
| 14/539,223 | Storage Utility Network                               |   |
| •          |   | • |
|            |   |   |
| 14/661,338 | Low Latency, High Payload, High Volume API Gateway    |   |
|            |   |   |
|            |   |   |
|            |   |   |
|            |   |   |