

UNITED STATES PATENT AND TRADEMARK OFFICE

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**BEFORE THE PATENT TRIAL AND APPEAL BOARD**

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UBER TECHNOLOGIES, INC. and  
CHOICE HOTELS INTERNATIONAL, INC.

Petitioners

v.

FALL LINE PATENTS, LLC.

Patent Owner

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Case: IPR2018-00535

Patent 9,454,748

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**PETITION FOR *INTER PARTES* REVIEW  
OF U.S. PATENT NO. 9,454,748**

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| B. <b>GROUND 2:</b> Claims 1, 9, 11, 13, and 15-22 are obvious under § 103(a) over Barbosa (Ex. 1002) in view of U.S. Patent No. 6,332,127 to Bandera et al. (“Bandera”) (Ex. 1004).   | 5         |
| C. <b>GROUND 3:</b> Claims 1, 2, 5, 9, 11, 13, and 15-22 are obvious under § 103(a) over U.S. Patent No. 6,202,023 to Hancock et al. (“Hancock”) (Ex. 1003) alone in view of the knowledge of a person of ordinary skill in the art. | 5         |
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| (A) “A method for managing data comprising the steps of:”  | 18        |
| (B) “(a) establishing communications between a handheld computing device and an originating computer wherein said handheld computing device has a GPS integral thereto”  | 19        |
| (C) “(b) receiving within said handheld computing device a transmission of a tokenized questionnaire from said originating computer,”  | 21        |
| (D) “said tokenized questionnaire including at least one question requesting location identifying information,”  | 24        |
| (E) “said tokenized questionnaire comprising a plurality of device independent tokens;”  | 24        |
| (F) “(c) ending said communications between said handheld computing device and said originating computer;”   | 27        |
| (G) “(d) after said communications has been ended, (d1) executing at least a portion of said plurality of tokens comprising said questionnaire on said handheld computing device to collect at least one response from a first user, and,” | 27        |
| (H) (d2) storing within said computing device said at least one response from the first user;  | 28        |
| (I) “(d3) using said GPS to automatically obtain said location identifying information in response to said at least one question that requests location identifying information;”  | 29        |

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| (J) “(e) establishing communications between said handheld computing device and a recipient computer;”  | 29        |
| (K) “(f) transmitting a value representative of each of said at least one response stored within said handheld computing device to said recipient computer; and,”   | 30        |
| (L) “(g) after receipt of said transmission of step (f), transmitting a notice of said received value representative of each of said at least one response to a second user.”   | 30        |
| <b>(ii) Claim 20</b>  | <b>32</b> |
| <b>(iii) Independent Claim 21</b>   | <b>32</b> |
| (A) “A method for managing data comprising the steps of:”   | 32        |
| (B) “(a) within a central computer, accessing at least one user data item stored in a recipient computer, wherein said at least one data item is obtained via the steps of:”  | 32        |
| (C) “(1) establishing communications between a handheld computing device and an originating computer wherein said handheld computing device has a GPS integral thereto;”  | 33        |
| (D) “(2) receiving within said handheld computing device a transmission of a tokenized questionnaire, including at least one question requesting GPS coordinates and at least one additional question, said tokenized questionnaire comprising a plurality of device independent tokens;” | 33        |
| (E) “(3) ending said communications between said handheld computing device and said originating computer;”  | 34        |
| (F) “(4) after said communications has been ended, (i) executing at least a portion of said plurality of tokens comprising said questionnaire on said handheld computing device,”   | 34        |
| (G) “(ii) automatically entering the GPS coordinates into said questionnaire:”  | 34        |
| (H) “(iii) presenting said at least one additional question to a user; (iv) receiving at least one response from the user to each of said presented at least one additional question,”  | 34        |

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| (I) “(v) storing at least one value representative of said GPS coordinates and said at least one response within said handheld computing device;”  | 35        |
| (J) “(5) establishing a communications link between said handheld computing device and a recipient computer;”  | 35        |
| (K) “(6) transmitting said stored at least one value representative of said GPS coordinates and said at least one response stored within said handheld computing device to said recipient computer; and,”  | 35        |
| (L) “(7) storing within said recipient computer any of said transmitted GPS coordinates and said at least one value representative of said at least one response, thereby creating said at least one user data item stored in said recipient computer; and,” | 36        |
| (M)“(b) forming a visually perceptible report from any of said at least one stored user data item.”  | 36        |
| <b>(iv) Claim 22</b>   | <b>37</b> |
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| (A) “A method for managing data including the steps of:”   | 37        |
| (B) “(a) creating a questionnaire comprising a series of questions customized for a location;”   | 37        |
| (C) “(b) said questionnaire including at least one question requesting GPS coordinates;”   | 38        |
| (D) “(c) tokenizing said questionnaire, thereby producing a plurality of device indifferent tokens representing said questionnaire;”   | 38        |
| (E) “(d) transmitting said plurality of tokens to a remote computing device;”  | 38        |
| (F) “(e) when said remote computing device is at said location, executing at least a portion of said plurality of tokens representing said questionnaire at within said remote computing device to collect a response from a user;”                          | 38        |
| (G) “(f) automatically entering the GPS coordinates into said questionnaire;”  | 39        |
| (H) “(g) transmitting at least a portion of said response from the user to a server in real time via a network; and”   | 39        |

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