

# EXHIBIT B



(12) **United States Patent**  
**Keerthi**

(10) **Patent No.:** **US 8,731,833 B2**  
(45) **Date of Patent:** **\*May 20, 2014**

- (54) **COMPUTING PATHS BETWEEN GEOGRAPHICAL LOCALITIES**
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- (\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.  
  
This patent is subject to a terminal disclaimer.

- (52) **U.S. Cl.**  
CPC ..... **G01C 21/00** (2013.01); **G01C 21/3476** (2013.01); **A63F 2003/00201** (2013.01); **A63F 3/00072** (2013.01)  
USPC ..... **701/537**; 701/533; 273/254; 273/256; 379/88.01
- (58) **Field of Classification Search**  
CPC ..... G01C 21/00; G01C 21/3476; A63F 2003/00201; A63F 3/00072  
USPC ..... 701/400, 516, 537; 707/999.005, 707/999.104, 999.01, 999.1, 706, 710, 918, 707/919; 455/433, 445, 456.1, 414.3, 440; 379/9.02, 88.01, 88.03; 273/254, 256; 196/132; 704/251; 370/328; 463/17  
See application file for complete search history.

- (21) Appl. No.: **13/949,125**
- (22) Filed: **Jul. 23, 2013**
- (65) **Prior Publication Data**  
US 2013/0311090 A1 Nov. 21, 2013

**Related U.S. Application Data**

- (63) Continuation of application No. 13/859,665, filed on Apr. 9, 2013, now Pat. No. 8,560,238, which is a continuation of application No. 13/498,556, filed as application No. PCT/IB2011/052612 on Jun. 16, 2011, now Pat. No. 8,457,885.

**Foreign Application Priority Data**

- (30) Feb. 1, 2011 (IN) ..... 00296/CHE/2011

- (51) **Int. Cl.**  
**G06F 19/00** (2011.01)  
**G01C 21/00** (2006.01)  
**G01C 21/34** (2006.01)  
**A63F 3/00** (2006.01)

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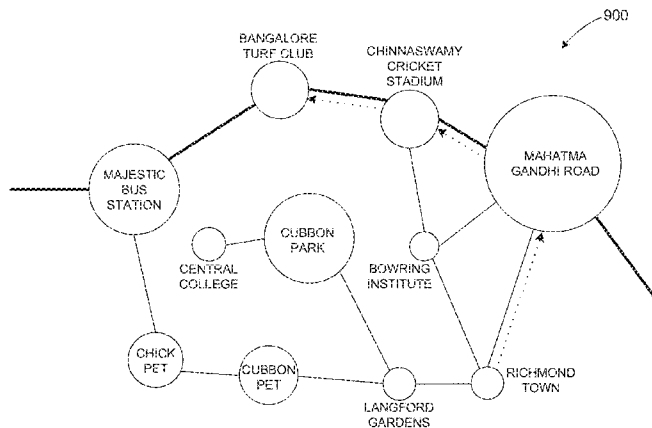
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(57) **ABSTRACT**

Technology is generally described for computing paths between geographical localities. In some examples, the technology can receive a request for a path between two or more geographical localities, and compute a path based at least on a popularity rating of intermediate geographical localities.

**20 Claims, 17 Drawing Sheets**



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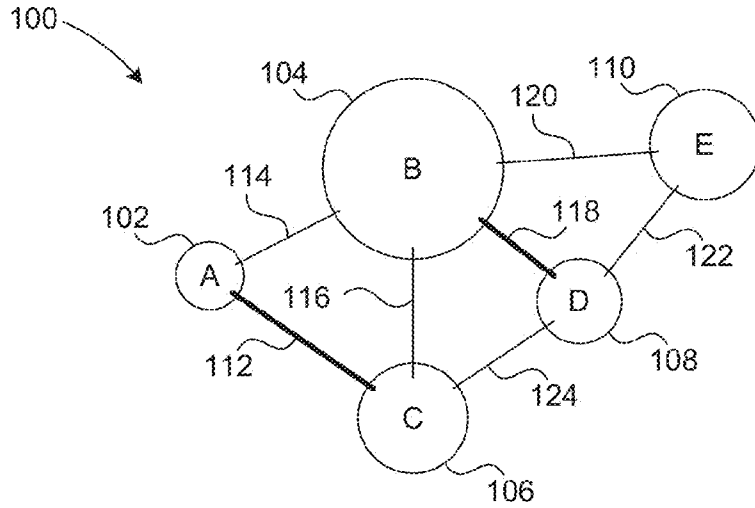
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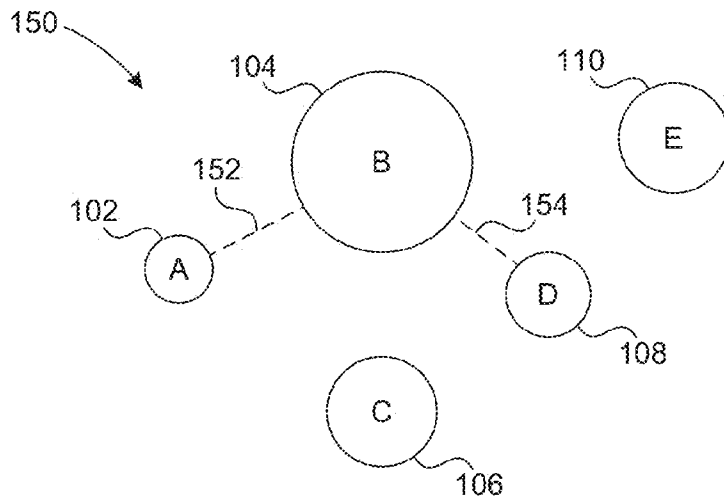
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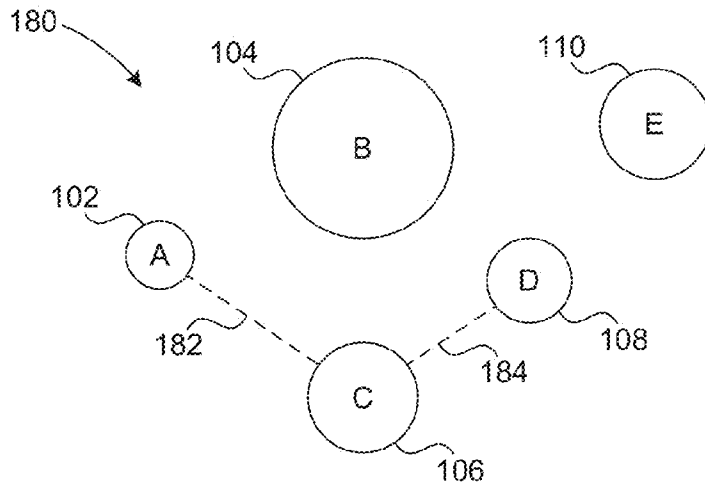
**FIG. 1A**



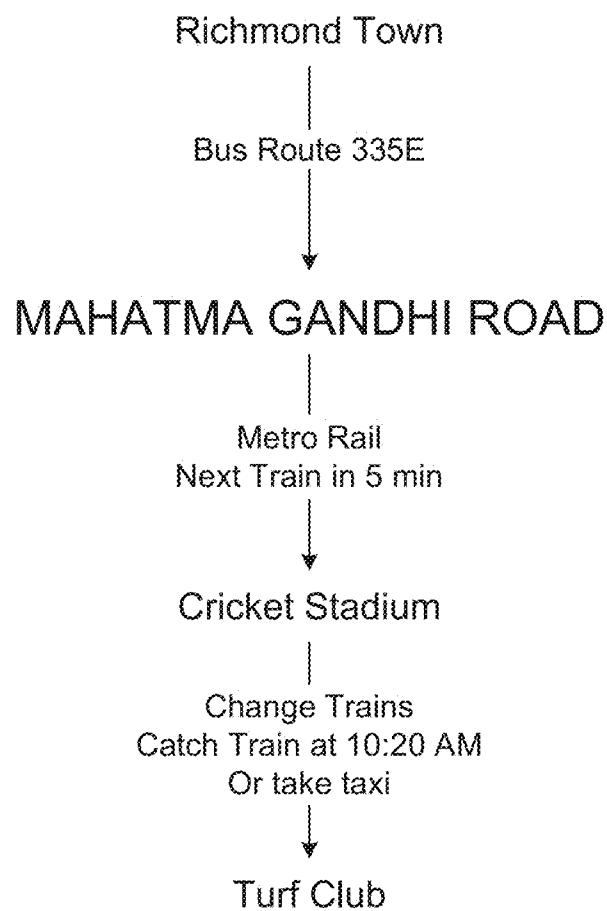
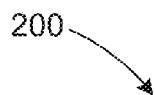
**FIG. 1B**



**FIG. 1C**



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**FIG. 2**

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