Title: SYSTEMS AND METHODS OF MANAGING THE CAPACITY OF ATTENDED DELIVERY/PICKUP LOCATIONS

(57) Abstract: A computer system for routing parcels to attended delivery/pickup locations (e.g., other than an individual's home and/or office) based on estimating the attended delivery/pickup location's capacity is disclosed. The computer system receives capacity information associated with the attended delivery/pickup location and characteristics of one or more parcels an individual wishes to be delivered to the attended delivery location. The system, based at least in part on the received information, determines whether the attended delivery/pickup location will have the capacity to store the one or more parcels associated with the individual. The system then routes the one or more parcels either to the attended delivery/pickup location (if there is capacity) or to an alternative delivery/pickup location (if there is not capacity).
A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - G06Q 30/00 (2014.01)
CPC - G06Q 10/0855
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
IPC (8) - G06Q 30/00 (2014.01)
USPC - G06Q 10/0855

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
CPC - G06Q 10/08; G06Q 10/053 (See Keywords Below)
USPC - 705/338, 705/333, 705/1.1, 705/21

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Thomsoninnovation.com; Patbase; Google Scholar; Google Patents; Gogole.com; Freepatentsonline; ProQuest Dialog
Search Terms: Capacity, availability, space, volume, storage, warehouse, godown, logistics, shipment, parcel, courier, delivery, time, pickup, location, kiosk, store, estimate, predict, forecast, reroute, redirect, route, another, alterna

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>US 2010/0138281 A1 (ZHANG et al.), 03 June 2010 (03.06.2010), entire document, especially Abstract; para [0020]-[0023], [0028], [0047]-[0048], [0050], [0055]-[0056]</td>
<td>1-20</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of Box C.

* Special categories of cited documents:
  "A" document defining the general state of the art which is not considered to be of particular relevance
  "E" earlier application or patent but published on or after the international filing date
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  "P" document published prior to the international filing date but later than the priority date claimed
  "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
  "&" document member of the same patent family

Date of the actual completion of the international search 07 October 2014 (07.10.2014)

Date of mailing of the international search report 25 NOV 2014

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