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[Continued on nextpage]

(54) Title: SYSTEM FOR MANAGING AND TRACKING AN INVENTORY OF ELEMENTS

(57) Abstract: Embodiments of the invention relate to systems, methods, and computer program products for managing and tracking an inventory of controlled elements, wherein a database comprising a plurality of elements is maintained. An owner is assigned to each element, the relationships between elements are identified and related elements are linked. The elements are then monitored to identify changes to the elements. Any identified changes are confirmed, and if material, the owners of related elements are notified of the changes the need to be made to the related elements and the plurality of elements are monitored to determine when all required changes have been made. Once all the required changes are made, the owners of the identified elements are required to provide final confirmation that no further changes are needed.

FIG. 6

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**INTERNATIONAL SEARCH REPORT**

**A. CLASSIFICATION OF SUBJECT MATTER**

<table>
<thead>
<tr>
<th>IPC(8)</th>
<th>G06Q 30/00 (2012.01)</th>
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<tr>
<td>USPC</td>
<td>705/333</td>
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</table>

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)
USPC: 705/333
IPC(8): G06Q 30/00 (2012.01)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC: 707/954.999.1,999.01 | 705/1.1,333 (Keyword limited; terms below)
IPC(8): G06Q 30/00 (2012.01) (Keyword limited; terms below)

Electronic data base consulted during the international search (name of database and, where practicable, search terms used)
PubWEST (PGPB, USPT, EPAB, JPAB); Google (Scholar, Patents, Web)
Terms used database inventory element collection assign owner relationship responsibility changes monitor material change necessary implement notify completed confirm law statute regulation stakeholder track performance trend display graphic

**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>
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<tr>
<td>X</td>
<td>US 2005/0182773 A1 (Feinsmith), 18 August 2005 (18.08.2005), entire document, especially Abstract, para: [0012], [0056], [0075], [0099], [0109], [0118], [0128], [0137], [0141], [0196], [0215], [0245]-[0253], [0265], [0267], [0282], [0287]</td>
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<tr>
<td>Y</td>
<td>US 7,716,592 B2 (Tien et al.), 19 May 2010 (11.05.2010), entire document, especially Abstract; col 6, ln 20-33; col 7, ln 9-19, 37-44</td>
<td>9, 19</td>
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<td>A</td>
<td>US 2006/0106825 A1 (Cozzi), 18 May 2006 (18.05.2006), entire document</td>
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