

8. A computer-implemented method for using a fire hydrant management software and a web-based registry to track requisite inspection of an owned asset comprising:

- [8a]** granting remote access to a web-based registry system, wherein the web-based registry is configured to run a fire hydrant management software, to at least three classes of user, wherein the three classes of user comprise:

 - (1) an owner of an asset
 - (2) an approval authority
 - (3) an inspector
- [8b]** retrieving, by a computer-based fire hydrant management software system, real time records of assets from a database, the database being accessible and augmentable by a classes of user;
- [8c]** analyzing the records of assets from the database to identify notification events;
- [8d]** based on the analysis, notifying an owner of an asset of a notification event,

wherein the notice includes standard format description of the type of inspection, and a cost associated with the type of inspection, and wherein the notification event comprises a designatable interval in advance of an impending deadline for the inspection, and

wherein the owner of the asset, upon remotely accessing the fire hydrant management software compliance registry, may update and review the status of the assets;
- [8e]** based upon the analysis, sending a standard format notice to the approval authority of the status of the assets assigned to the approval authority, and wherein the approval authority, upon accessing the web-based registry, may update and review the status of the assets assigned;
- [8f]** upon logging on to a password controlled website configured to provide access to the fire hydrant management software,

providing to an inspector the owner selects,

the selection based upon a list of qualified inspectors that are available to inspect the asset based upon attributes including proximity to the asset,

a web-based template configured to describe the asset an each of the steps of the inspection;
- [8g]** receiving from the inspector, inspection information in specific response to the web-based template;
- [8h]** storing in a database in association with the asset, the inspection information, wherein the inspection information is accessible to the users, and updating the database in association with the asset based upon the inspection information;
- [8i]** transmitting to the approval authority, a standard format compliance report including noting compliance, wherein the compliance report includes, noting deficiencies in the asset and storing the noted deficiencies in association with the asset.