



US 20120253746A1

(19) **United States**

(12) **Patent Application Publication**

Kolar

(10) **Pub. No.: US 2012/0253746 A1**

(43) **Pub. Date: Oct. 4, 2012**

(54) **AUTONOMOUS DATA QUALITY EVALUATION**

(52) **U.S. Cl. 702/188**

(75) Inventor: **Harry R. Kolar, Scottsdale, AZ (US)**

(57) **ABSTRACT**

(73) Assignee: **INTERNATIONAL BUSINESS MACHINES CORPORATION, Armonk, NY (US)**

A solution for managing an asset is provided. A set of sensing devices associated with the asset are operated independent of a user to acquire sensor data. At least some of the sensor data is evaluated using a computer system associated with the asset to determine whether any sensor data in at least a portion of the sensor data is suspect. In response to a determination that at least a portion of the evaluated sensor data is suspect, an action is initiated by the computer system associated with the asset. The action can include adjusting additional processing of the sensor data, adjusting interaction between the computer system and at least one other system remote from the asset, and/or adjusting management operations of the asset.

(21) Appl. No.: **13/073,094**

(22) Filed: **Mar. 28, 2011**

Publication Classification

(51) **Int. Cl. G06F 15/00 (2006.01)**

