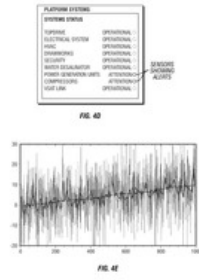
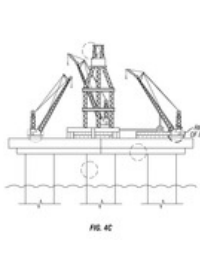
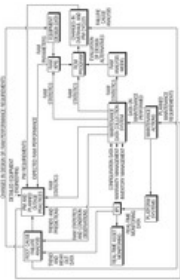
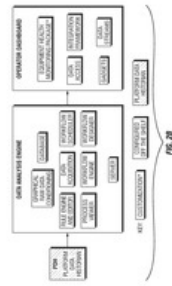
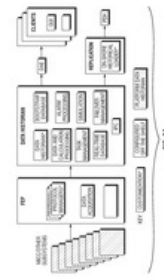
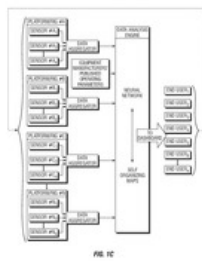
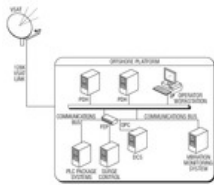
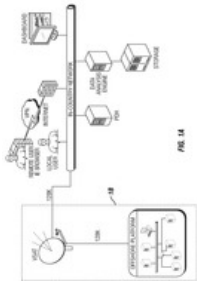
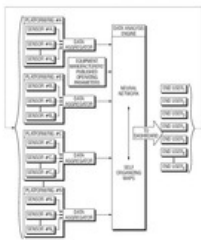
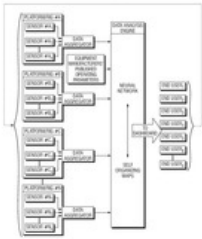


5 results for Cited Patents In category X or Y - Collection: FAMPAT

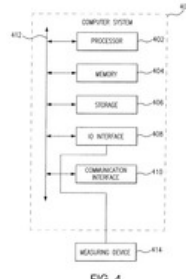
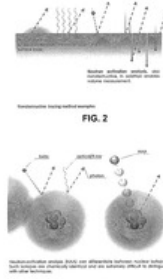
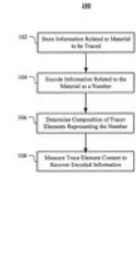
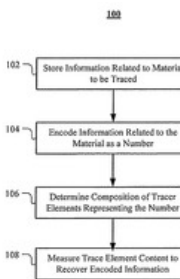
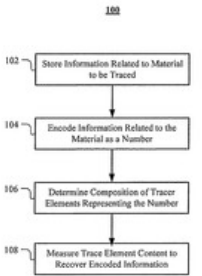
| #  | Title                                                                                             | Publication number | 1st app. date | Applicant/Assignee | 1st publ. date | Publ. date |
|----|---------------------------------------------------------------------------------------------------|--------------------|---------------|--------------------|----------------|------------|
| 1. | Method, system and apparatus for intelligent management of oil and gas platform surface equipment | WO2011035151       | 2010-09-16    | APO OFFSHORE*      | 2011-03-24     | 2011-03-24 |

A method, system, apparatus (and related computer program) for intelligent management of oil and gas offshore and onshore platform surface equipment over a computer network is disclosed. The system utilizes a data aggregator for gathering real-time data streams from surface equipment located on such platform(s), such surface equipment containing one or more sensors for monitoring in real time the performance of equipment operational parameters of interest. The data analysis engine is in network communication with the data aggregator, and comprises a trained neural network capable of generating self organizing maps, and creating predictive operational parameters regarding such surface equipment. An interface is provided for inputting into the neural network various data including, for example, the published performance operational parameters for such equipment. A network user interface is also provided for transmitting such predictive operational input to one or more end user terminals equipped with end user dashboard display software.

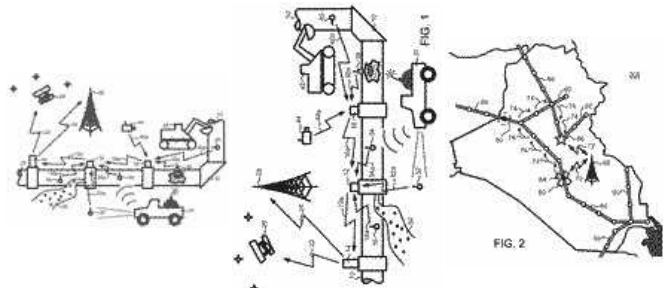
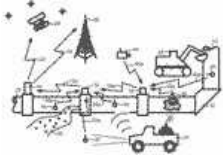


|    |                                                                                                                                                    |              |            |                      |            |            |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------|----------------------|------------|------------|
| 2. | Systems and methods for fraud prevention, supply chain tracking, secure material tracing and information encoding using isotopes and other markers | US2013299591 | 2012-11-19 | COLUMBIA UNIVERSITY* | 2013-11-14 | 2013-11-14 |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------|----------------------|------------|------------|

Encoding information in a material using a material tracing system includes storing information to be encoded in the material, generating a number based on the information, determining an amount of at least one tracer to be incorporated into the material corresponding to the number, and incorporating the determined amount of the at least one tracer into the material. Decoding information encoded in the material includes measuring an amount of the at least one tracer, in some embodiments after tracer activation, determining a number corresponding to the measured at least one tracer, and decoding the number to obtain information associated with the material. A material tracing system is also provided.



A sensor network for monitoring of a pipeline comprises a sensor disposed for monitoring of a pipeline, the sensor capable of acquiring data related to the pipeline and communicating sensor data; a first remote sensor interface (RSI) comprising a data communications device capable of receiving the sensor data communicated from the sensor, and transmitting data relating to the received sensor data; and a data communications device capable of receiving the data transmitted by the first RSI and transmitting data related to the sensor data directly or indirectly to a network external to the sensor network. The sensor network comprises a common designation network.



Systems and methods are directed to supply chain management. In particular, the tracking, tracing, authenticating, and reporting of supply chain events for products, is disclosed. Various embodiments can store, analyze, and track supply chain events and help to coordinate and maintain trading partner connections. Various embodiments also help to enhance patient safety, secure the supply chains for pharmaceuticals, medical devices, and other healthcare products, and help users to follow regulatory requirements.

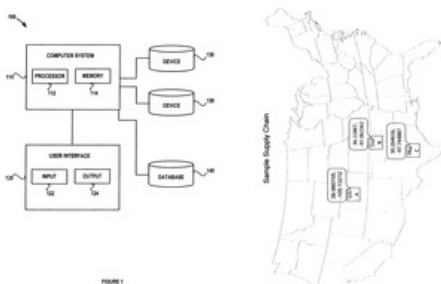
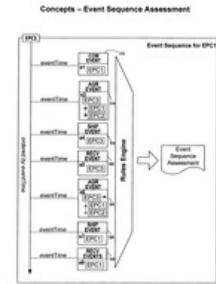
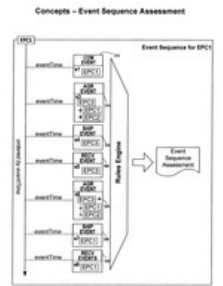


FIG. 4

| Product   | Event | Event Type | Event ID | Event Data | Event Status | Event Location | Event Time | Event User | Event Role | Event Action | Event Result | Event Comment |
|-----------|-------|------------|----------|------------|--------------|----------------|------------|------------|------------|--------------|--------------|---------------|
| Product A | 101   | 101        | 101      | 101        | 101          | 101            | 101        | 101        | 101        | 101          | 101          | 101           |
| Product A | 102   | 102        | 102      | 102        | 102          | 102            | 102        | 102        | 102        | 102          | 102          | 102           |
| Product A | 103   | 103        | 103      | 103        | 103          | 103            | 103        | 103        | 103        | 103          | 103          | 103           |
| Product A | 104   | 104        | 104      | 104        | 104          | 104            | 104        | 104        | 104        | 104          | 104          | 104           |
| Product A | 105   | 105        | 105      | 105        | 105          | 105            | 105        | 105        | 105        | 105          | 105          | 105           |
| Product A | 106   | 106        | 106      | 106        | 106          | 106            | 106        | 106        | 106        | 106          | 106          | 106           |
| Product A | 107   | 107        | 107      | 107        | 107          | 107            | 107        | 107        | 107        | 107          | 107          | 107           |
| Product A | 108   | 108        | 108      | 108        | 108          | 108            | 108        | 108        | 108        | 108          | 108          | 108           |
| Product A | 109   | 109        | 109      | 109        | 109          | 109            | 109        | 109        | 109        | 109          | 109          | 109           |
| Product A | 110   | 110        | 110      | 110        | 110          | 110            | 110        | 110        | 110        | 110          | 110          | 110           |

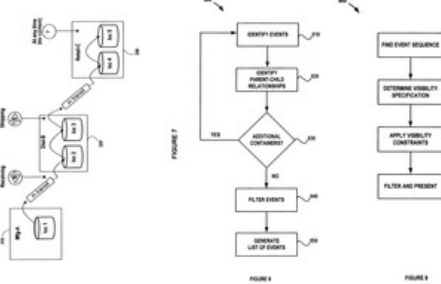


FIG. 1

FIG. 2

FIG. 3

FIG. 4

FIG. 5

A system and method for authenticating an identity of an object being tracked while traversing a supply chain, which includes an interface communicating with object custodians in the supply chain using a standard protocol in which event tracking information for the object is stored when any one of the object custodians reports a predefined event for the object. The system and method also include a repository storing authentication data to authenticate the event tracking information for the object, the event tracking information including a first object identifier and a second object identifier, the second object identifier being independently authenticated from the first object identifier.

