

METHOD AND SYSTEM FOR MOBILE SAFETY AND HEALTH MANAGEMENT

5 Description

The present invention relates generally to a method and system for managing the process of reporting incidents, accidents, risk assessments and inspections in the workplace. The input will be used for safety and health profiling to create greater transparency on safety and health performance that
10 will be leveraged upon to drive further improvements in safety and health. More particularly, the present invention relates to the method and system which utilizes various computing technologies to create, maintain and inform with up-to-date records of information such as reports, charts, statistics, notes and images. Users are able to create, view, analyse and maintain all of the
15 information mentioned above through a rich client web application.

Referring to **Fig. 1** the system works on a wireless mobile device **(10)** with internet and/or network carrier **(12)** capabilities to transmit and receive data from a centralised server **(11)** with touch interactive capabilities using a stylus
20 **(13)** or finger.

Referring to **Fig. 2** the system data flow, where a group of predefined users such as the stakeholders of the company, will receive incremental updates on data inputs through the means of a pushed short mobile message and/or an
25 electronic mail **(20)**.

Referring to **Fig. 3** the system is a highly interactive touch user interface **(30)** to input data. The input will include text contents, location based geographical tagging **(31)**, circling/highlighting of injury through an intuitive front and back
30 human diagram **(32)**, and photos/images **(33)**. This information will be stored and used as references, educational material and legal report filling.

The data collected will be used to generate trending and charting analysis to track and monitor safety and health occurrence in general or provide
35 geographical specific trending occurrences. This will enable users to contain and/or eliminate safety and health hazards, forecast training needs and understand the primary causes for occurrences.

METHOD AND SYSTEM FOR MOBILE
SAFETY AND HEALTH MANAGEMENT

5 Claims

A method and system for managing the process of reporting incidents/accidents, risk assessments and inspection relating to workplace safety and health. It comprises of:

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1. A wireless mobile device with internet and/or network carrier capabilities for input.

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2. A mobile safety and health management system which utilizes various computing technologies to create, maintain and inform with up-to-date records of information such as reports, charts, statistics, notes and images with regards to reporting of incidents/accidents, risk assessments and inspections component. More specifically it includes:

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a mobile safety and health web application that houses the system for users to conduct their data entry/retrieval;

an automated chart generator for incidents/accidents, risk assessments and inspections;

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a mobile process of pushing a short mobile message and/or electronics mail during and after the compilation of a safety and health report;

a mobile process and capability of circling and/or highlighting injured parts of a worker through an intuitive front and back human diagram;

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a mobile process and capability of location based geographical tagging of safety and health reports; and

a mobile process and capability of capturing and uploading images to the safety and health reporting system.