

**INTERNET FACILITATED FIRE SAFETY SYSTEM AND REAL TIME
MONITORING SYSTEM**

ABSTRACT OF THE DISCLOSURE

5 An Internet facilitated fire safety system and real time monitoring system is disclosed. The fire safety system comprises a plurality of smart fire safety devices and equipment, including fire extinguishers, hose reels, fire doors, exit lights, emergency lights, sprinkler tank and sprinkler system, system to monitor CO² and/or carbon monoxide level, and the likes. Each of these device and equipment is
10 connected by an IOT interface device and a wireless gateway to computer servers an electronic communications network. The IOT interface devices have a plurality of sensors to detect the operational condition of that safety device and equipment. data obtained from the sensors are analyzed and interpreted through software and algorithms by servers in the system. Since each fire safety device and equipment is
15 electronically connected, it would be transmitting data and information on its operational status in real time and 24/7.

Fig. 1