

ABSTRACT

5 According to a first aspect of the present invention, there is provided a tool storage system including a board with an array of sensors, each configurable to be reserved for tool storage or vacant; a decoder to monitor usage of the array of sensors; a remote terminal to process signals received by the decoder, the remote terminal configured to: learn a location of the reserved sensors and the vacant sensors from the signals received during initialisation of the board; receive input providing details of the tool stored on
10 the reserved sensors; detect, from the signals when the board is used, for removal of tools from and return of tools to the reserved sensors; and determine whether to transmit a message that a wrong tool is returned when the decoder relays that at least one of the reserved sensors is triggered incorrectly during the tool return; and a data storage to save details of the tool stored by the reserved sensors, the location of the reserved sensors, and the location of the vacant sensors.

15

Figure 1