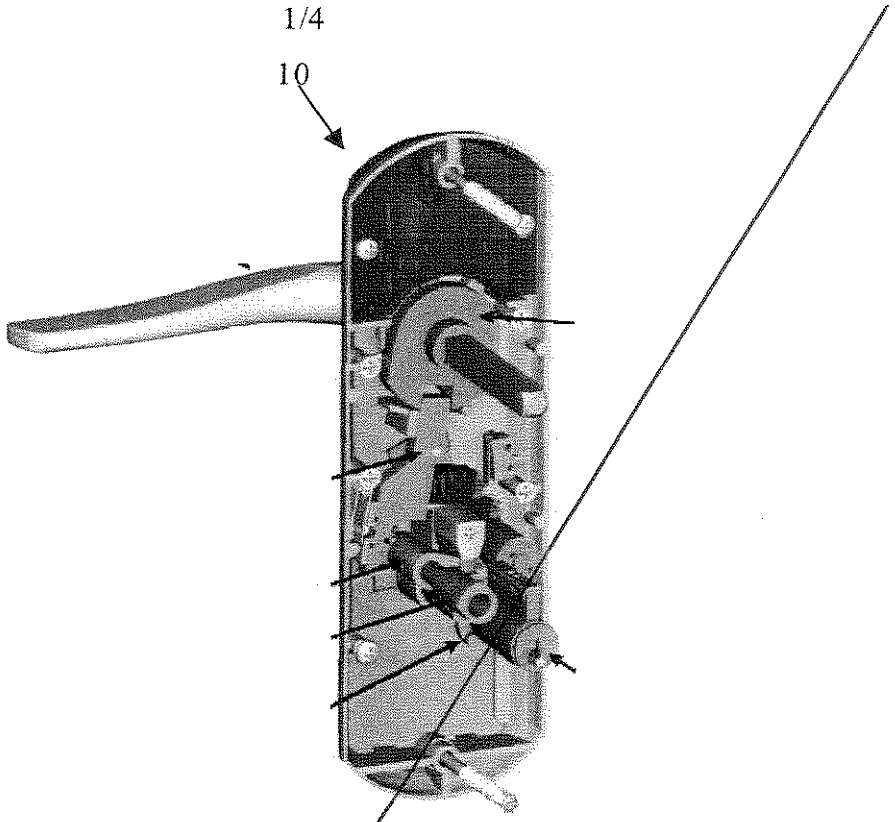


FIG 1 PRIOR ART LOCK

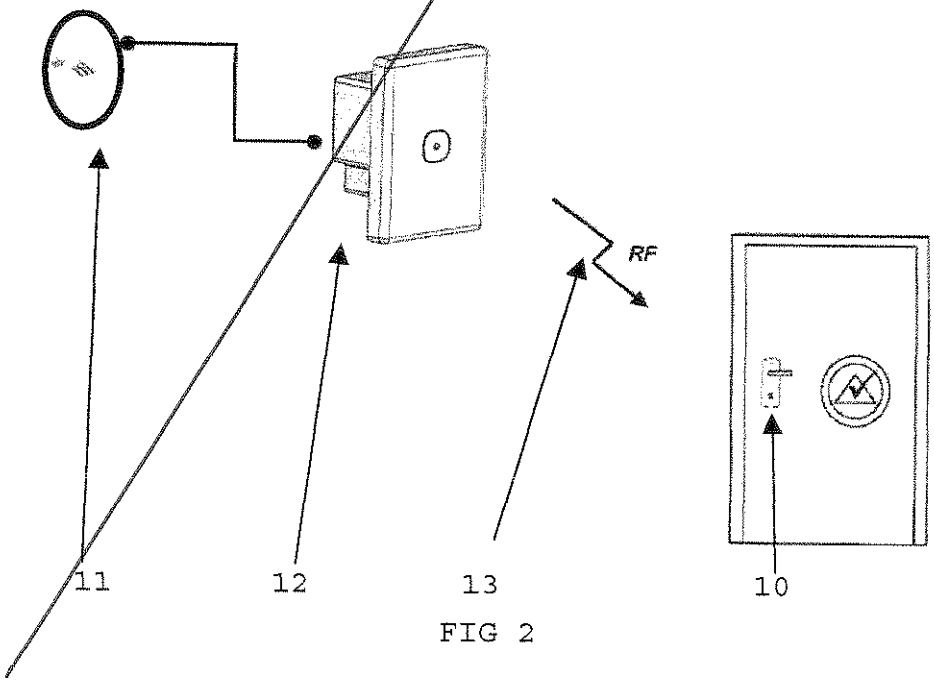


FIG 2

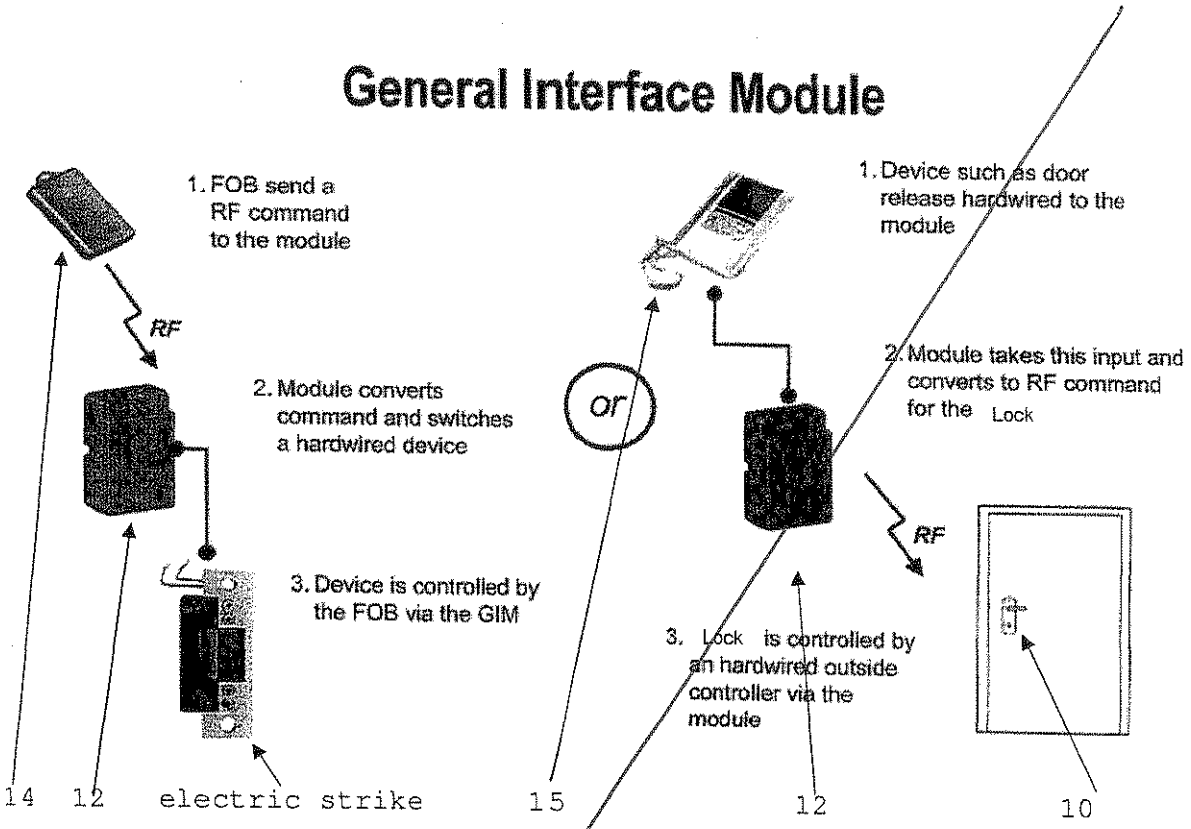

General Interface Module
1. FOB send a RF command to the module
RF
2. Module converts command and switches a hardwired device
3. Device is controlled by the FOB via the GIM
electric strike
14
12
15
or
1. Device such as door release hardwired to the module
2. Module takes this input and converts to RF command for the Lock
RF
3. Lock is controlled by an hardwired outside controller via the module
12
10

FIG 3

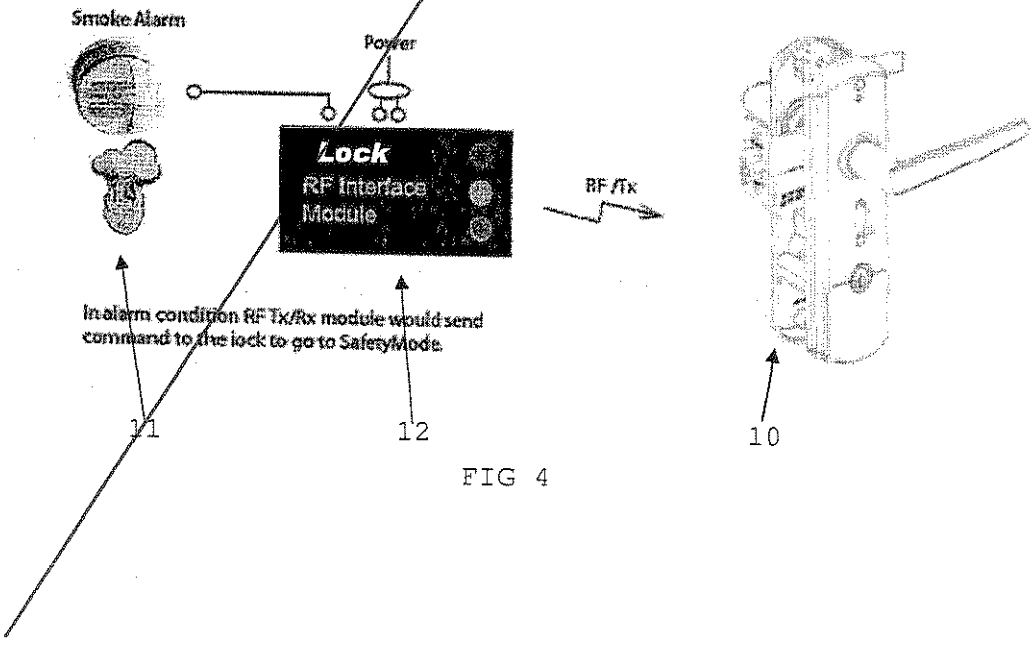

Smoke Alarm
Power
Lock
RF Interface Module
RF /Tx
In alarm condition RF Tx/Rx module would send command to the lock to go to SafetyMode.
11
12
10

FIG 4

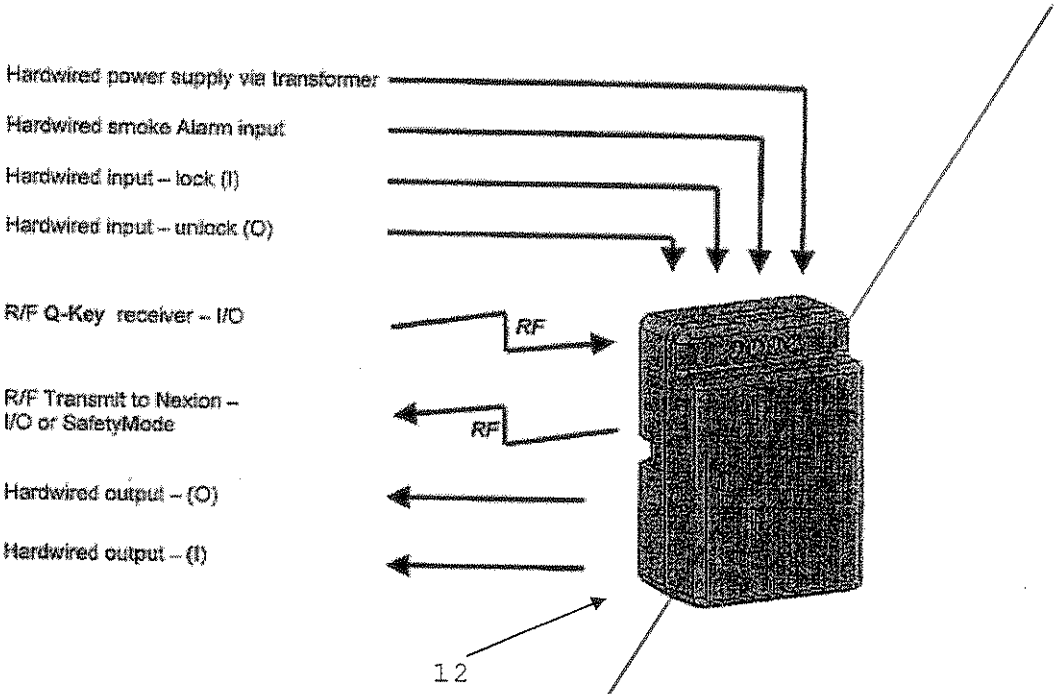

Hardwired power supply via transformer
Hardwired smoke Alarm input
Hardwired input – lock (I)
Hardwired input – unlock (O)
R/F Q-Key receiver – I/O
RF
R/F Transmit to Nexion – I/O or SafetyMode
RF
Hardwired output – (O)
Hardwired output – (I)
12

FIG 5

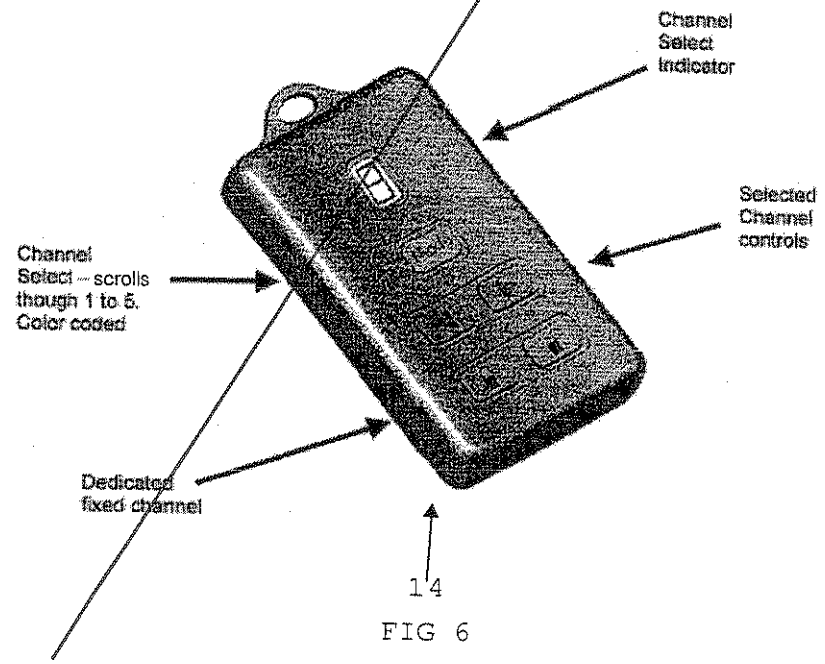

Channel Select Indicator
Selected Channel controls
Channel Select – scrolls though 1 to 5. Color coded
Dedicated fixed channel
14

FIG 6

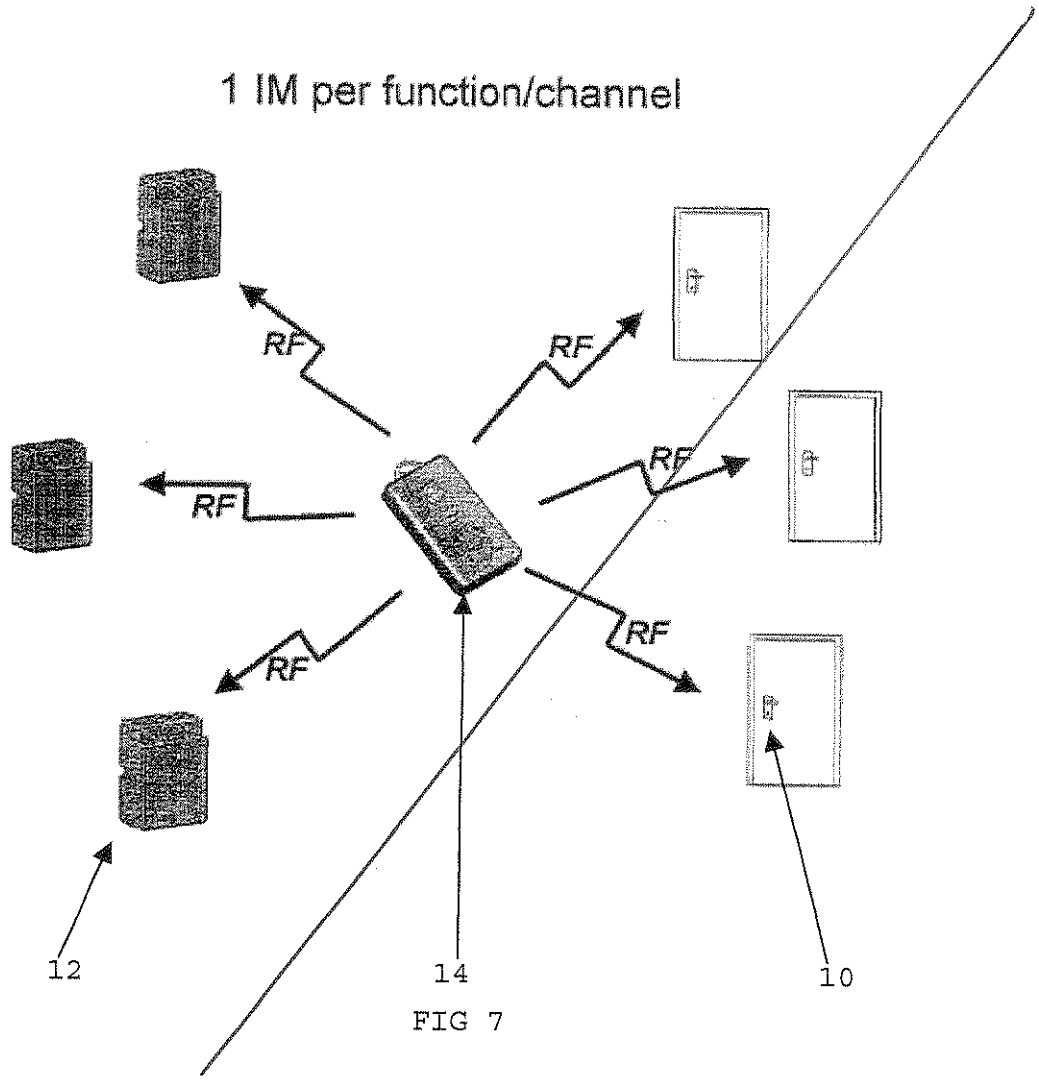


FIG 7

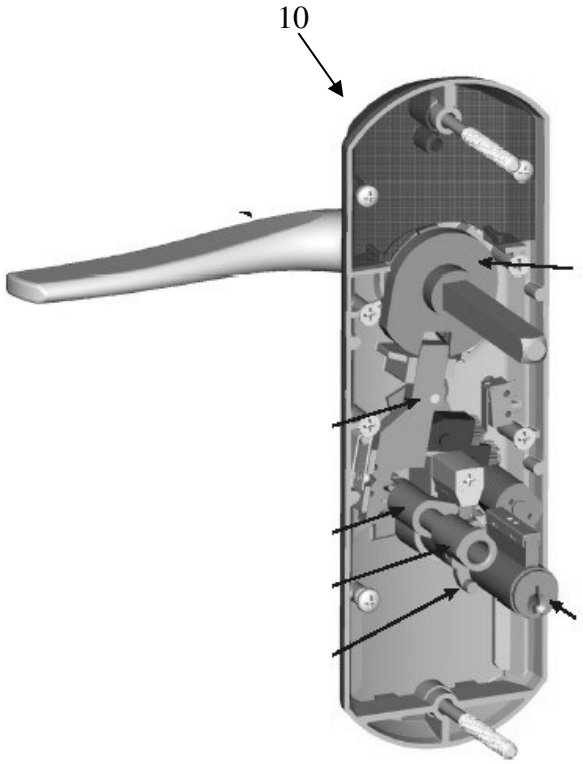


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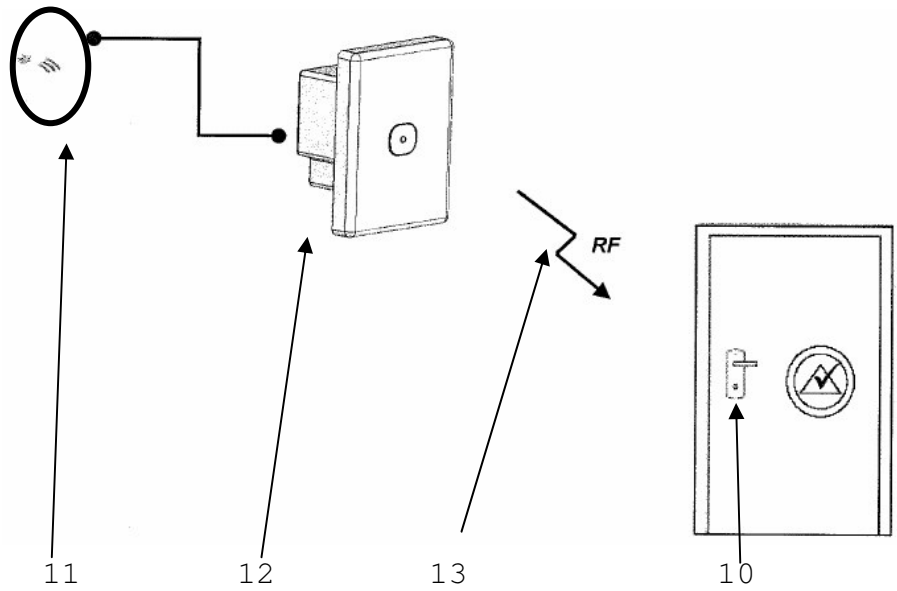


FIG 2

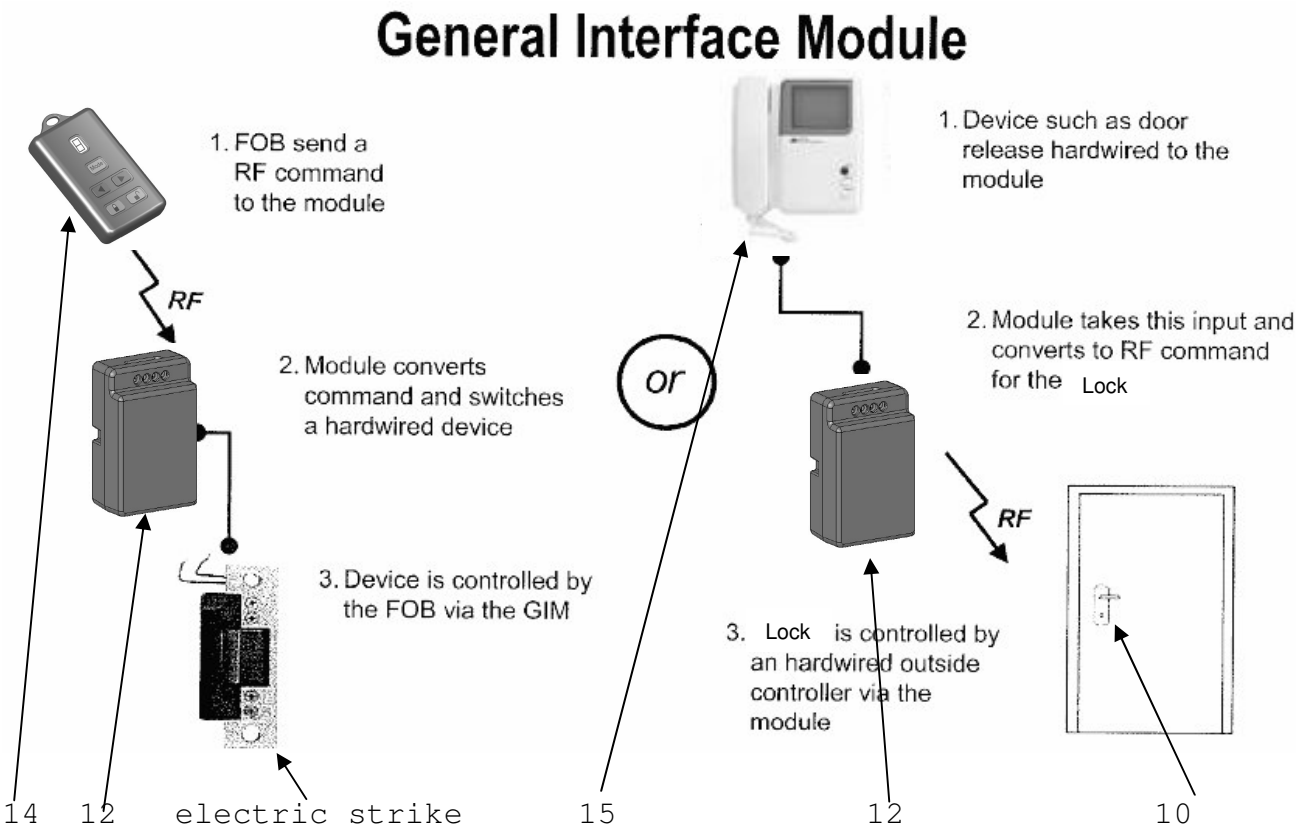

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electric strike
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10

FIG 3

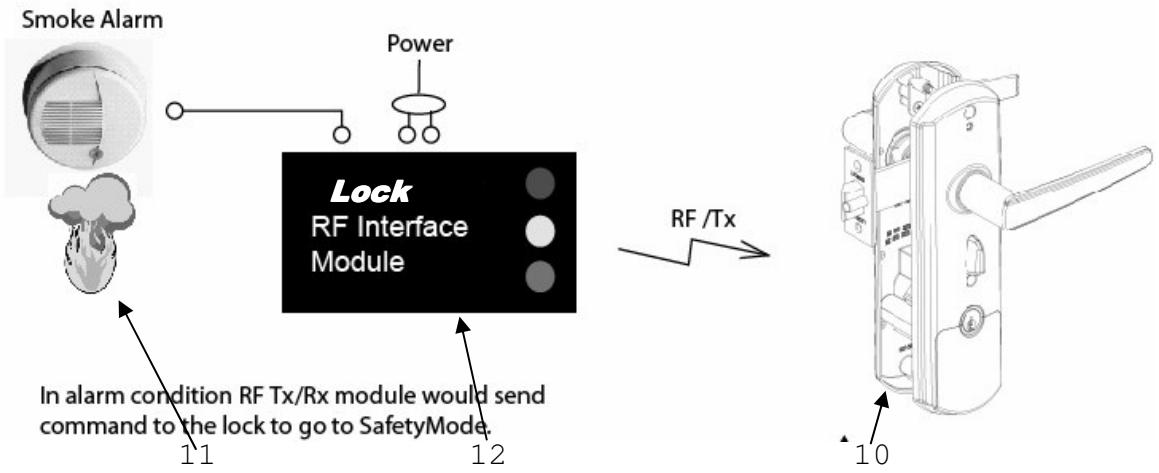

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Power
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RF Interface Module
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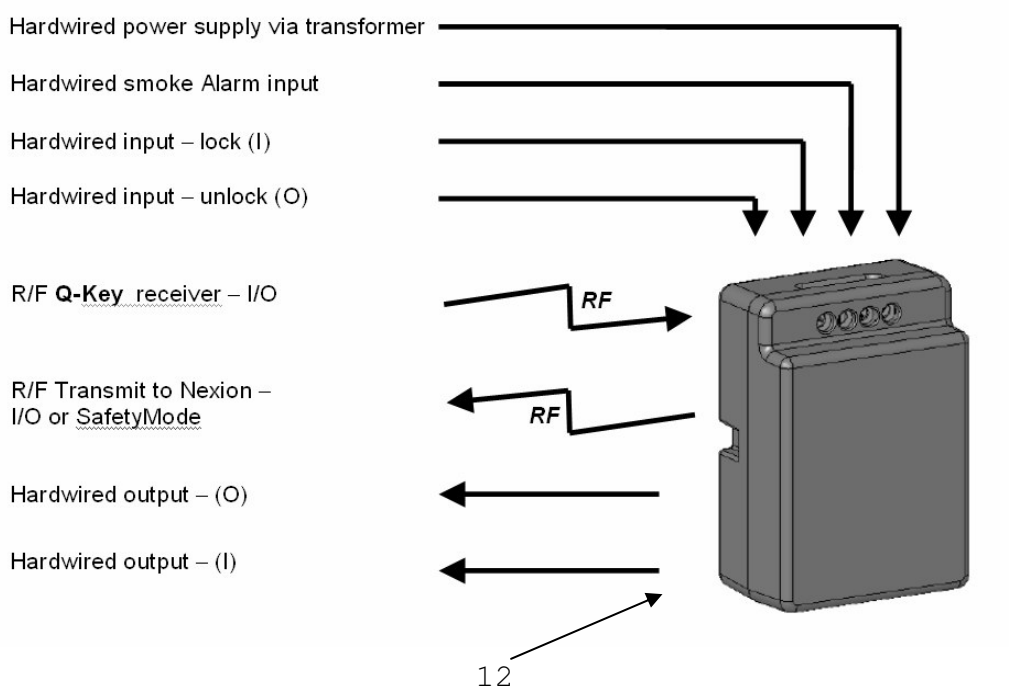

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FIG 5

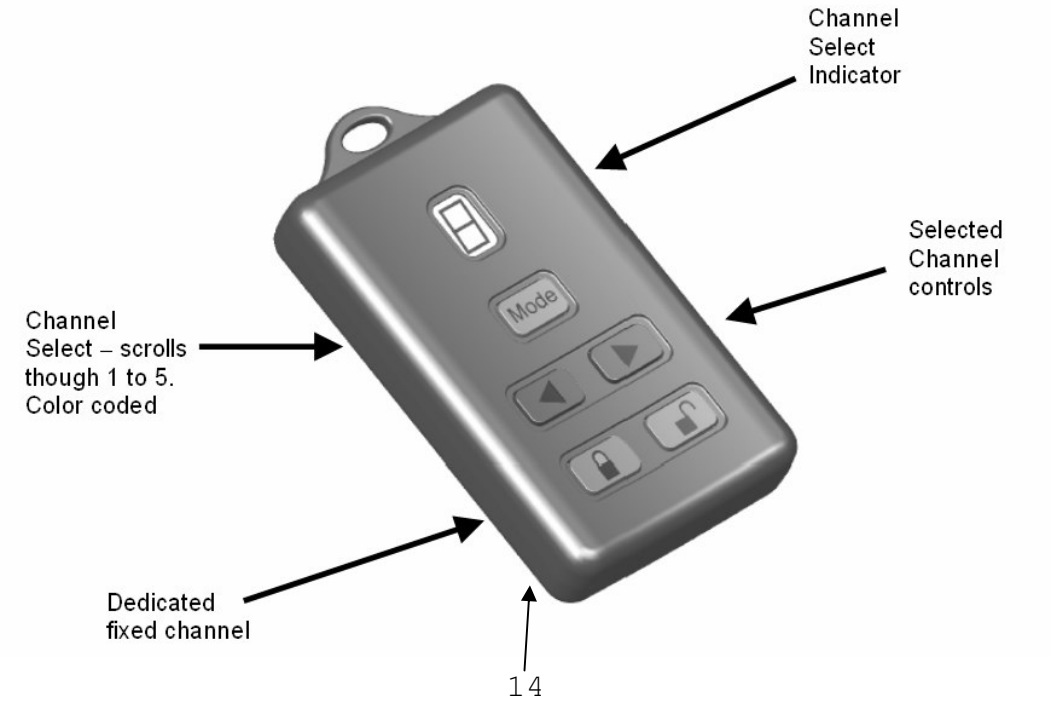

Channel Select Indicator
Selected Channel controls
Channel Select – scrolls though 1 to 5. Color coded
Mode
Dedicated fixed channel
14

FIG 6

1 IM per function/channel

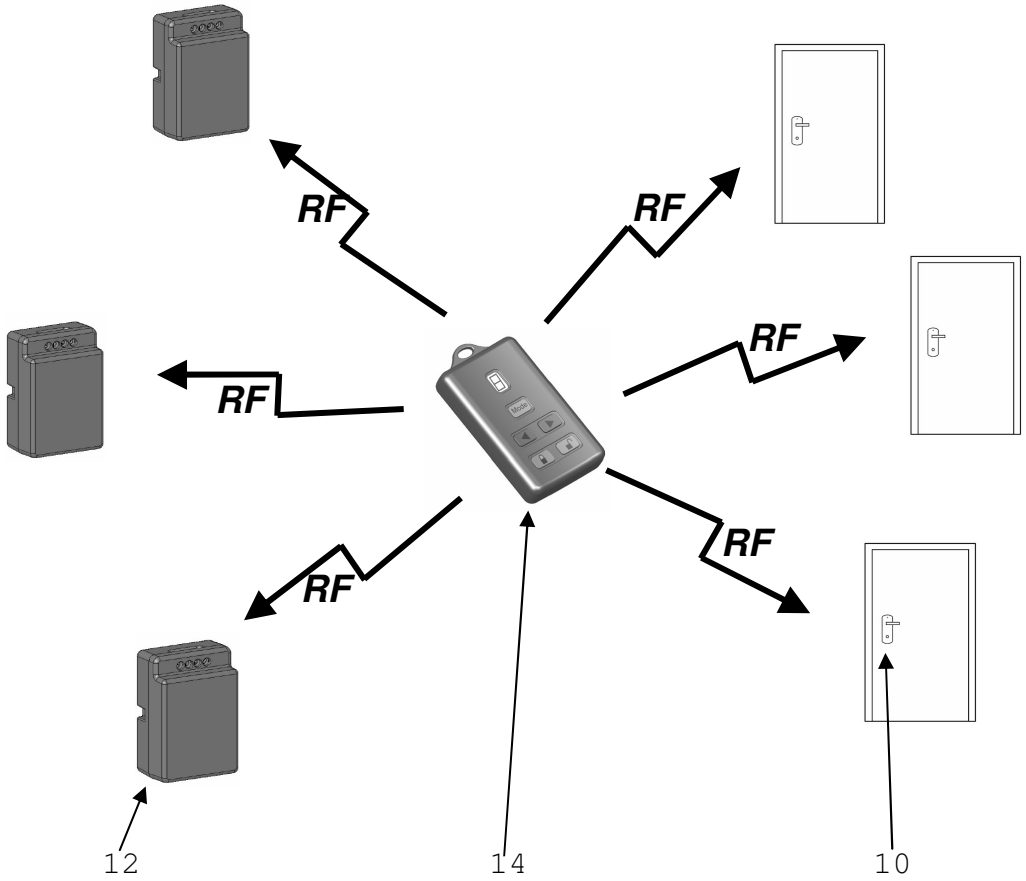


FIG 7