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ARL DOOR SYSTEM

SUMMARY OF INVENTION

The ARL Door System is a security device designed and innovated to increase the security level for our home, office or other places. This device integrates three functions which are alarming, reminder and locked for a purpose of safety. This device is located at the door and intergrated with a handphone. If the door is not properly closed in 30 second, the alarm will buzz to inform the users to lock manually. If the users forgot to lock the door, the system automated lock the door and inform to the user through the SMS.

OBJECTIVE

ARL Door System is a security device with a simple shape and design and user friendly is intended to increase the security level for any houses, offices, and other premises.

PROBLEMS STATEMENT

- The occurrence of burglary at the premises which the confidential document is located.
- Human nature. Sometimes people forget to lock the door when going to somewhere.
- Current door knob or locking system not too safety enough to remind to the users.

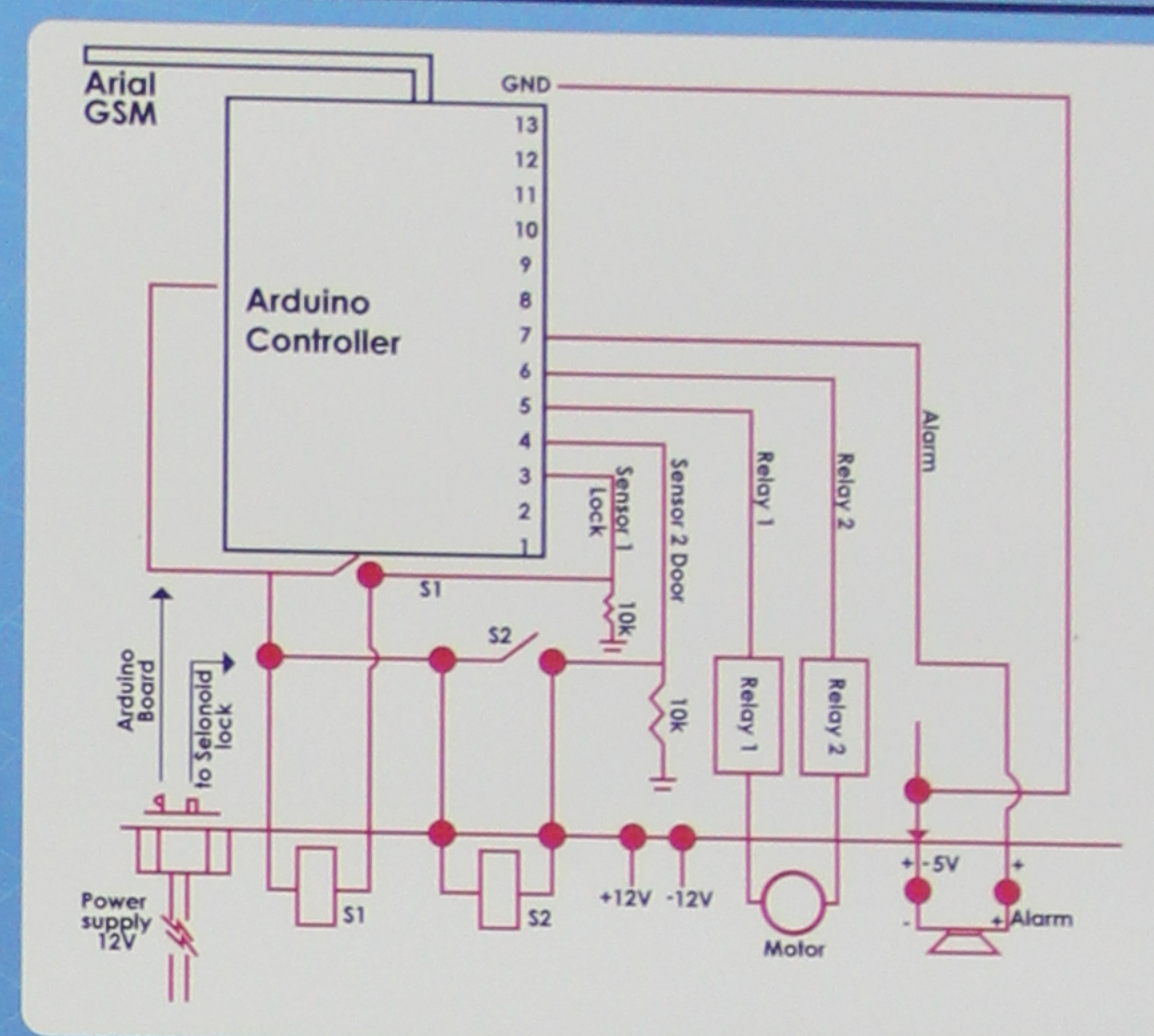
BENEFIT TO SOCIETY

The ARL Door System device will help to remind users to ensure the door is always locked when going to somewhere. This device can install to all types of door and many premises such as government and private organization, school, university and others.

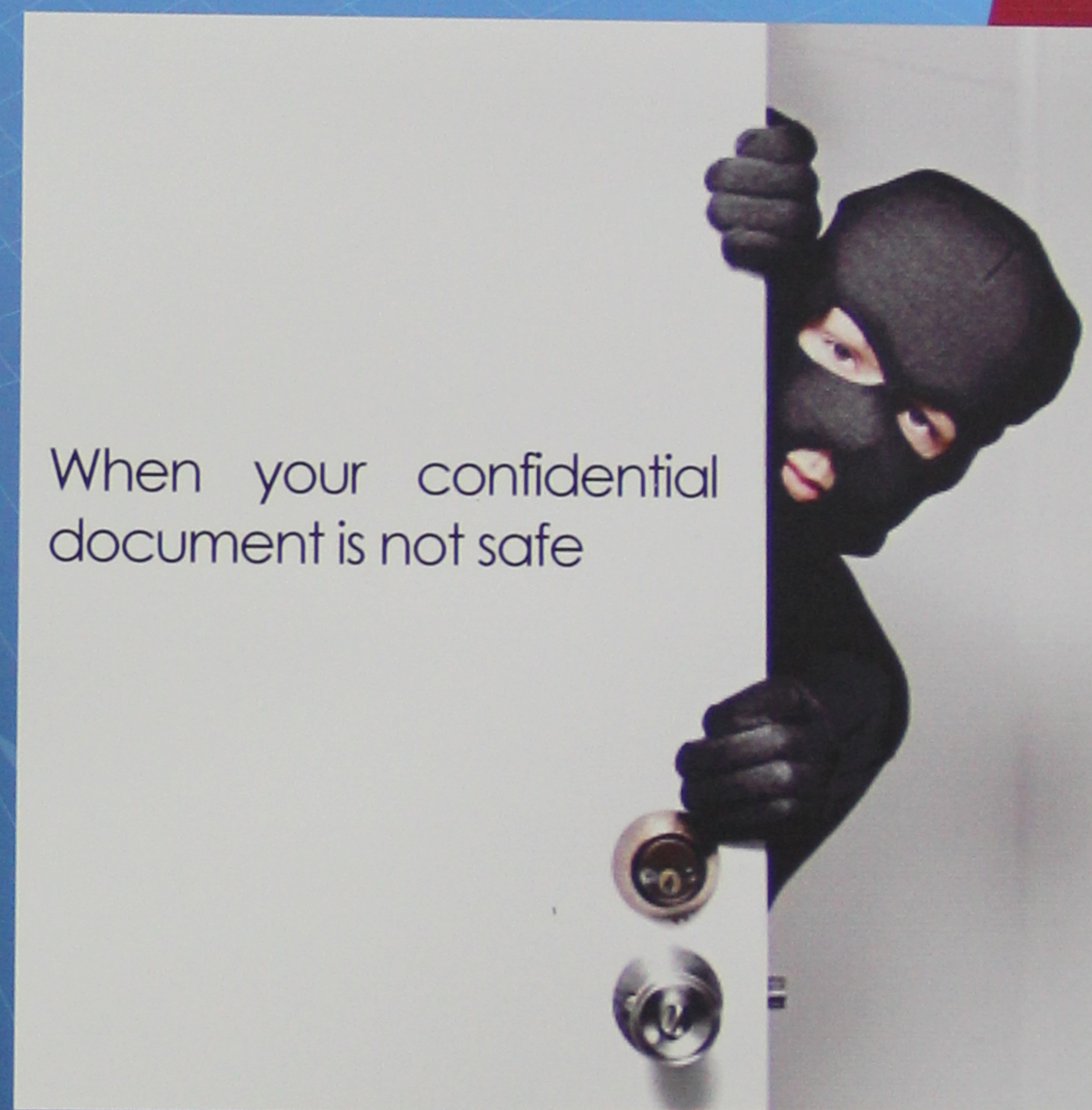
NOVELTY OF INVENTION

The ARL Door System is invented with a combination of three system to remind user to lock the door. The alarm will buzz when the door is not locked . When users not locked manually, after 30 second the sensor will detect to automatic locked the door for a safety feature. Then the reminder will send the message to the user to remind the door is properly locked through their handphone. The automatic locking on this device is an additional special feature for a safety benefit when users forget to lock the door manually.

DIAGRAM SYSTEM



ARL Door System Circuit Diagram with GSM



When your confidential document is not safe



Will buzz in 30 second to remind you to lock the door manually.