MOBILELOCK™ GPS LOCATOR WITH ANTI-THEFT ALARM

Innovation Description, what the innovation is

Overview: The MOBILELOCK™ system is a GPS locator with anti-theft alarm intended for protection and recovery of assets from theft and vandalism. The target customer is a trade's person who might use other DEWALT products in their trade. The MOBILELOCK™ consists of remote programmable, weather resistant MOBILELOCK™ unit with the following features:

- Small enough to fit in a shirt pocket
- Cordless operation
- Weather proof
- 4 week runtime between charges
- Magnets on back for quick attachment to steel surfaces
- Built in siren; can be turned off for silent alarm reporting
- Programmable via phone menu or web interface
- MOBILELOCK™ will call up to 3 phone numbers & 3 e-mail addresses or text messaging for alarm reporting

Internal Sensors:

- Integral vibration sensor
- Open window/door alarm sensor (External magnet included)
- Tamper switch on back of unit to detect removal of unarmed unit
- Ambient temperature monitor and alarm
- Low battery level sensor
- Device location reporting via A-GPS.

The MOBILELOCK™ Product line has the following: The DS500 MOBILELOCK™ unit that is powered by an internal non-user-serviceable rechargeable lithium ion battery and has as accessories, the DS510 PIR adapter for motion detection and the DS505 alkaline battery adapter for extended runtime. The MOBILELOCK™ server communicates to the MOBILELOCK™ units via cellular transmission. The server is the interface to the end user and works through phone via voice menu and through the internet with the MOBILELOCK™ webpage.

Where and when it originated, has been used, and is expected to be used in the future

The MOBILELOCK™ product design and features were born from countless discussions with construction and other trades professionals that need a way to deter, detect and recover theft of their assets. MOBILELOCK™ took just over two years to develop and was introduced to the market in November of 2006. Although it has only been on the market for a short time, MOBILELOCK™ has already been instrumental in recovery of stolen equipment and material across the country. MOBILELOCK™ should help recover tens of millions of dollars of stolen property from construction industry in the near future.

Why it is innovative

1st of its kind cordless self-contained alarm system, Wireless GPS locating feature that has indoor penetration specifically designed for job site use

What it changed or replaced

This is a tool that will help eliminate job site theft
May replace:
Locks
Chains
Guard Dogs
Wired alarms systems
MOBILELOCK™ GPS LOCATOR WITH ANTI-THEFT ALARM

DS500 MOBILELOCK™
DS505 Extended Runtime Accessory
DS510 Motion Sensor Accessory

~ Application photos ~