



Regional vector mosquito monitoring system with Internet of Things function

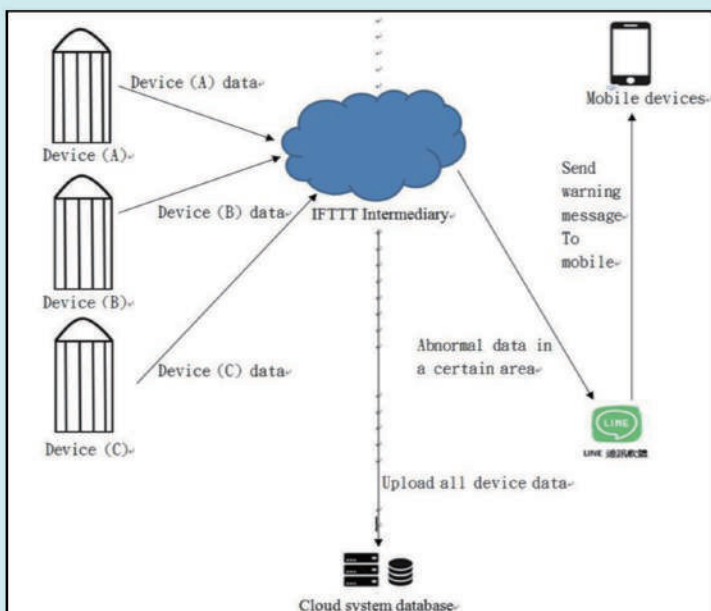
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Patent certificate number : M631298

1. Product Motivation

Every time a vector mosquito is found to be serious, it is difficult to clean it up. **The ensuing diseases and epidemic prevention problems will consume a lot of manpower and medical resources**, so the team wanted to solve this problem and invented this product.

2. Product content

Let the mosquito trap record the number of mosquitoes. When there are too many mosquitoes, send a warning message to notify the mobile phone, use the **micro-processing control module to detect the high and low voltage changes of the mosquito trap**, detect whether there are mosquitoes, record the number of mosquitoes, and place the device in various places in the community. **The data is transmitted to the cloud system through the network module. The IoT module continuously extracts data from the cloud system** and monitors various areas at any time. When there are too many mosquitoes in a certain area, **the IoT module will send a text message to notify the cell phone of the community manager**, and the manager will then notify the relevant units to disinfect and clean to control the number of mosquitoes. The first is to drastically reduce the expenditure on human and medical resources; the second is to purify the environment and greatly improve people's health.



Product workflow



Warning message



Product completion diagram