

5 Documents

Publication numbers	Title	Current assignees
KR101507554 B1	Insect capturing device having imaging function for harmful insect information management	E-TND, ...
CN207054577U U	Appearance is observed and predict in long -range insect pest situation analysis	HENAN YUNFEI TECHNOLOGY DEVELOPMENT
KR101873229 B1	Apartment house management system	HAN KIL ARCHITECTS & ENGINEERING
CN108552138 A	Ecological monitoring and maintenance of the unmanned aircraft	KUNMING CHUANGPEI INTELLECTUAL PROPERTY SERVICE
KR101887916 B1	Apparatus for controlling light and system for servicing location information using thereof	NARE ZEN

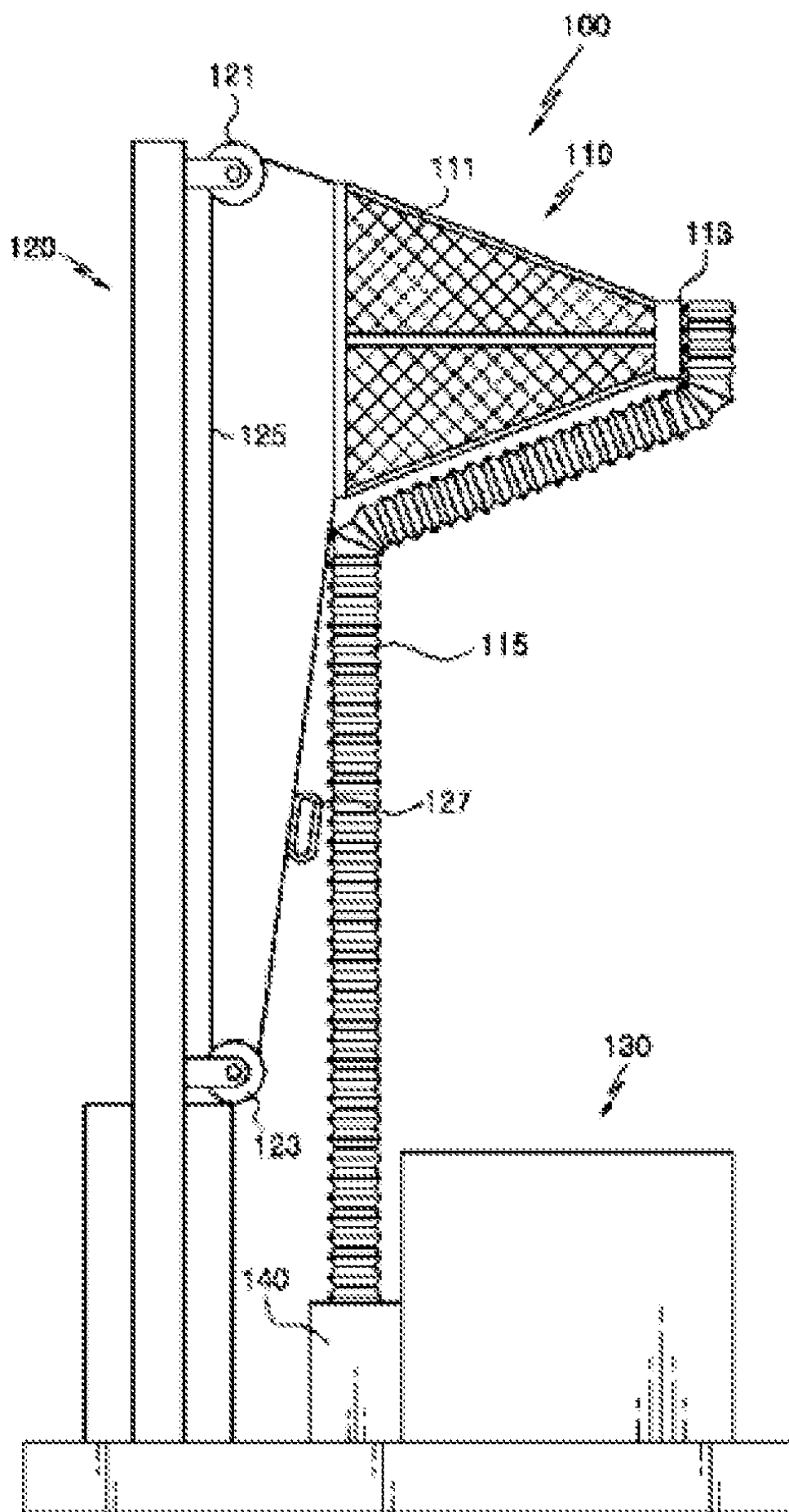
Family 1/5 - FAMPAT - ©Questel

Title

(WO201693673)

Insect capturing device having imaging function for harmful insect information management

Images



Publication data including kind & date

KR101507554	B1	2015-04-01	KR101507554
WO2016093673	A1	2016-06-16	WO201693673
US20170273291	A1	2017-09-28	US20170273291

**Abstract**

(WO201693673)

An insect capturing device having an imaging function for harmful insect information management, according to the present invention, comprises: a collection unit having a collection net so as to collect harmful insects, and having a passage tube, provided on one side of the collection net, through which the collected harmful insects pass; a support unit provided on the other side of the collection unit so as to support the collection unit; a capturing analyzer having an outer filter connected to the collection unit through the passage tube so as to separate moisture from air introduced with the harmful insects, an inner filter connected to the outer filter and maintaining constant temperature and humidity conditions, a capturing tube unit connected to the inner filter and having a count sensor for sensing the harmful insects having passed therethrough and counting the number of harmful insects, and a gathering unit connected to the capturing tube unit and having a gathering net for enabling the harmful insects suctioned in and moved through the capturing tube unit to be finally filtered; an imaging unit provided at a position aimed at the gathering unit in the capturing tube unit, and photographing harmful insects being moved to the upper part of the gathering net; and a capture unit provided between the imaging unit and the gathering net such that the imaging unit obtains images of the harmful insects suctioned in and moved through the capturing tube unit, and enabling the harmful insects to be temporarily filtered before being filtered in the gathering net. Therefore, it is possible to provide an insect capturing device having an imaging function for harmful insect information management, the device simply classifying and analyzing harmful insects according to the occurrence frequency and types of the harmful insects by easily obtaining, in real time, without an expensive high speed camera, images of harmful insects collected in the insect capturing device for collecting harmful insects such as flies or mosquitos.

Inventors

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JUNG LONG-JIN

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Latest standardized assignees - inventors removed

E-TND

SUMJEAN E

Family 2/5 - FAMPAT - ©Questel

Title

(CN207054577U)

Appearance is observed and predict in long -range insect pest situation analysis

Images**Publication data including kind & date**

CN207054577	U	2018-03-02	CN207054577U
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**Abstract**

(CN207054577U)

The utility model discloses an appearance is observed and predict in long -range insect pest situation analysis, the on - line screen storage device comprises a base, the top of base is enclosed and is equipped with the anticollision screen, the centre of anticollision screen is equipped with trap lamp tube, the upper portion of anticollision screen is equipped with the top cap, trap lamp tube's lower part is equipped with an album worm funnel, the below of collection worm funnel is connected with worm mechanism, it has and connects the worm structure to fall worm mechanism, be equipped with the base orientation in connect the camera of worm structure, the solar power ultraviolet ray mosquito killer further comprises a controller, the controller is connected with monitoring end wireless transmission module, be equipped with far -infrared

heater and temperature detect switch on the base, far -infrared heater and temperature detect switch's connection the controller. The utility model provides a problem of stealing, practice thrift the human cost, the operating condition who observess and predict the appearance can supervise, make things convenient for the routine maintenance, can extensively be used for adoption physical disinsection modes such as farming, woods, vegetables, tobacco, gardens, orchard, cities and towns afforestation, aquaculture to **trap**, **trap** injurious insecteffectively.

Inventors

ZHANG TAO

Latest standardized assignees - inventors removed

HENAN YUNFEI TECHNOLOGY DEVELOPMENT

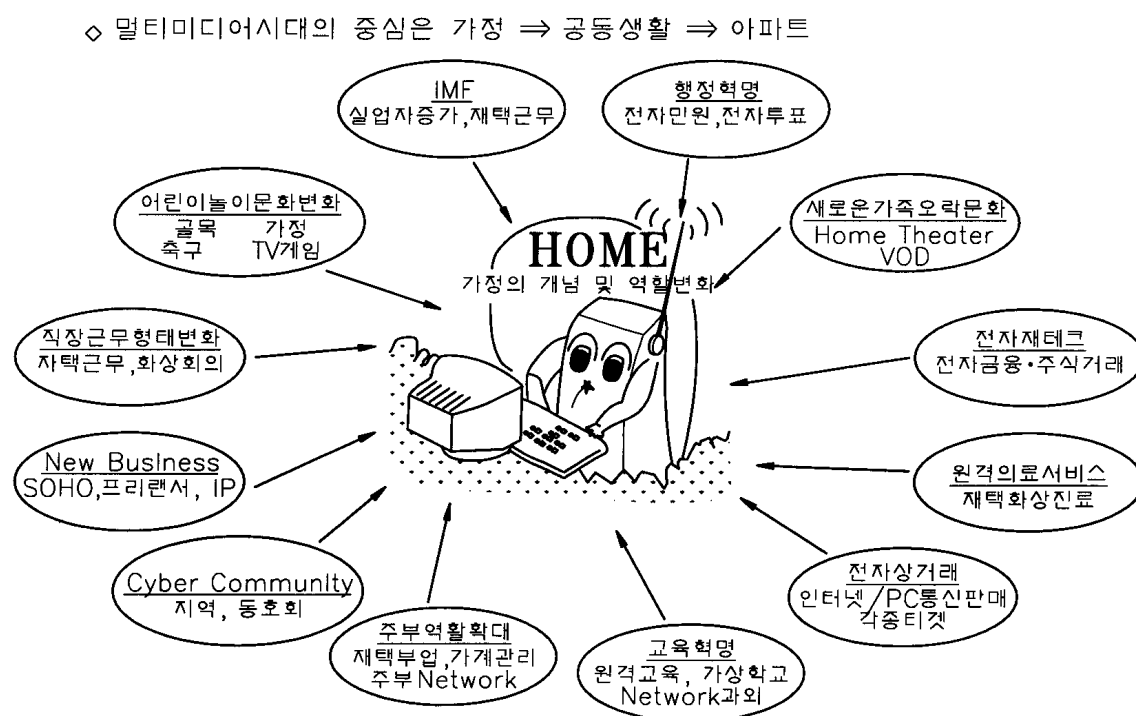
Family 3/5 - FAMPAT - ©Questel

Title

(KR101873229)

Apartment house management system

Images



Publication data including kind & date

[KR101873229](#)

B1 2018-07-04 KR101873229



Abstract

(KR101873229)

The present invention relates to a management system of an apartment house and, more specifically, to a management system of an apartment house which connects residents of an apartment house and convenience facilities such as a shopping area, hospital, and public office of neighbors via a network to provide the residents with a variety of information or various services, and uses streetlights arranged in a rest area or the like of the apartment house to collect the type and distribution of mosquitoes among harmful insects abundant in the summer to transmit collection information to the Korea Centers for Disease Control and Prevention and minimize damage resulting from capturing mosquitoes and contributing to the health promotion of citizens.

Inventors

KIM SANG RAK

Latest standardized assignees - inventors removed

HAN KIL ARCHITECTS & ENGINEERING

Family 4/5 - FAMPAT - ©Questel

Title

(CN108552138)

Ecological monitoring and maintenance of the unmanned aircraft

Images**Publication data including kind & date**[CN108552138](#)

A

2018-09-21

CN108552138

**Abstract**

(CN108552138)

The present invention relates to an ecological monitoring and maintenance of an unmanned aerial vehicle, belonging to an unmanned aerial vehicle, an intelligent machine and ecological maintenance technology field. Includes a magnetically levitated carriage, an insecticidal device, a video camera, an infrared detecting device, the intake air passage, a culture device, a solar panel, a carrier body, an electrically controlled valve, the control system, the insecticidal and the air collection device is mainly arranged on the upper unmanned airplane, an insecticidal device, a video camera, an infrared detecting device, disposed in a carrier body on the culture devices, insecticidal device, a video camera, an infrared detecting device, the culture apparatus, single-chip microcomputer with a control system for solar panels are connected, the electric control valve provided in the vehicle and an insecticidal device, the air-inlet channel, where the media device or the like, through a video camera and an infrared detecting device provided in the unmanned airplane to detect a local segment data pests, killing pests are trapped by an insecticidal device, through the wireless communication module to collect information from the PC to the single-chip microcomputer and a gripper end of and receive data to analyze the cloud.

Latest standardized assignees - inventors removed

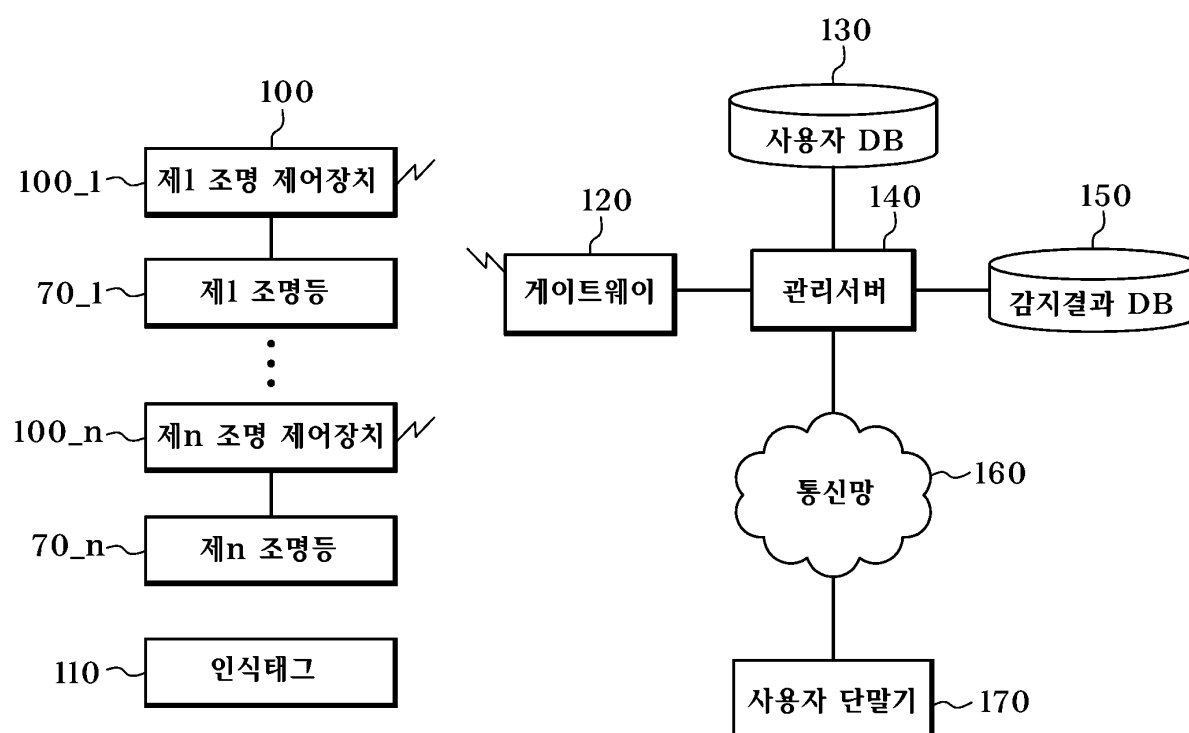
KUNMING CHUANGPEI INTELLECTUAL PROPERTY SERVICE

Family 5/5 - FAMPAT - ©Questel

Title

(KR101887916)

Apparatus for controlling light and system for servicing location information using thereof

Images

Publication data including kind & date[KR101887916](#)

B1 2018-08-13

KR101887916

**Abstract**

(KR101887916)

The present invention relates to a light controlling device and a system for providing location information using the same. More specifically, the present invention relates to a location information providing system using a light controlling device, the system which is installed with a lighting to control illuminance of a neighboring lighting by sensing tag information of a recognition tag and movement and also to control the front lighting according to movement by receiving location information according to the movement from the light controlling device, provides parking and movement locations, obtains power source from light of the sun, and utilizes the remaining power obtained from the light of the sun to illuminate apartment street lamps as well as to remove pest, thereby contributing to health promotion of residents.

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Inventors

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Latest standardized assignees - inventors removed

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