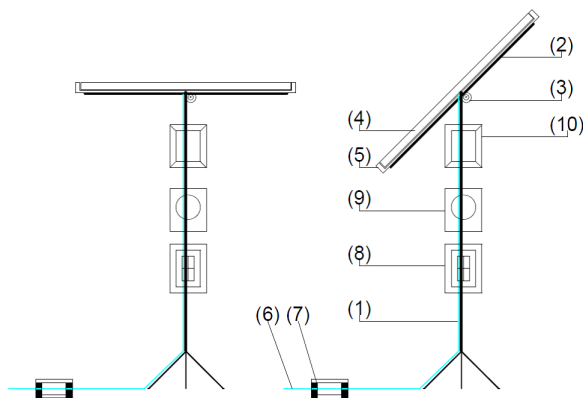


Utility Models Request

INVENTOR: PAVEL STEFAN
UTILITY MODEL NO. RO201300045

PORTABLE DEVICE FOR THE DISINFECTION OF THE AIR AND OF SURFACES IN ENCLOSED ENVIRONMENTS



The invention refers to an electrical portable device for the disinfection of the air and of surfaces in enclosed environments such as attics, basements, storerooms, polluted hospital rooms and other spaces without sufficient ventilation or insufficient disinfection by usual means.

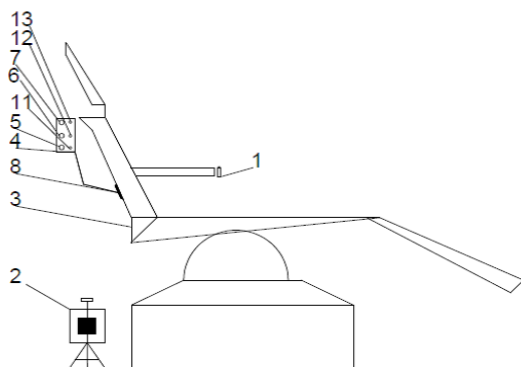
The portable device for the disinfection of the air and of surfaces in enclosed environments, according to the invention, is composed of a metal frame (tripod) which has an adjustable peg which provides a range of 00-90°. A fixture designed with a germicidal UV-C lamp with a wavelength of 253.7 nm and UV-C radiation of 15.0 W and permanent electronic ballast and which is protected by a rustproof metal housing with the purpose of protection during transport and reflection during use when mounted vertically on the tripod.

The commissioning of the device for the disinfection of the air and of surfaces is done manually, by way of an electrical switch with a key and by way of an electrical clock with programmable commands.



INVENTOR: PAVEL STEFAN
 UTILITY MODEL NO. R0201300055

PORTABLE DEVICE FOR SIGNALING PAIN, SENSITIVITY OR DISCOMFORT DURING THE COURSE OF MEDICAL DENTAR ACTIVITY



The invention refers to a portable electronic device for signaling pain, sensitivity or discomfort during the course of medical dental activity.

The electrical portable device for signaling pain, sensitivity or discomfort during the course of medical dental activity attachable to the dental unit (armchair) is composed out of an interlocking microcontact piece and/or optionally out of a glove attached to the patient's arm which contains an interlocking piece which is activated manually by the patient in case they feel pain or discomfort during the course of medical dental activity.

The manual activation of the automatically restoring microswitch or of the contacts inside the glove interlocks a relay powered with a tension of 12 V which will command the activation of two independent transformers of 4.5V and 12V which, in turn, will power with electricity, optionally, the operation of a LED lamp, of a buzzer and of a microdiffuser with pre-recorded voice signals installed inside a flexible piece of equipment and attached via a suction cup to the armchair.

This equipment is also designed with microswitches which permit the simultaneous or independent activation of the light signal via the LED lamp, the acoustic signal via the buzzer and the voice signal via the microdiffuser.

