

Applications

Agricultural

Chemical

Biochemical

Medicinal

Energy saving

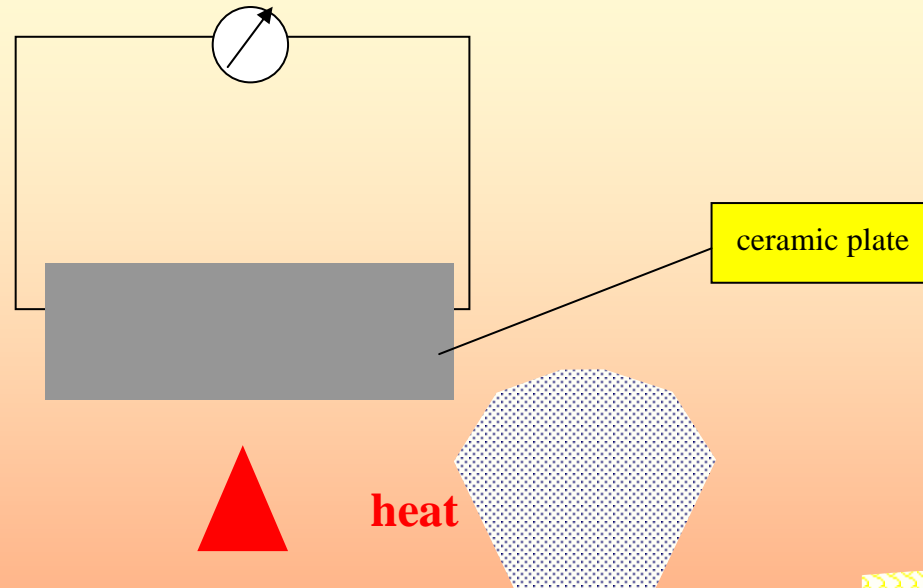


PYROELECTRIC ENERGY CONVERTER

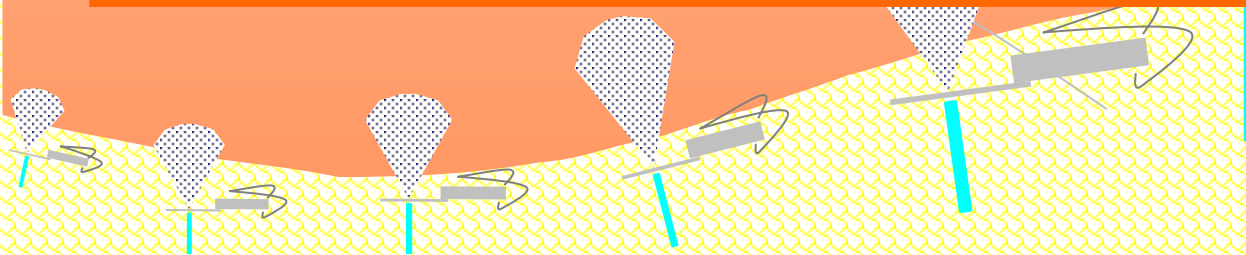
Electrical energy



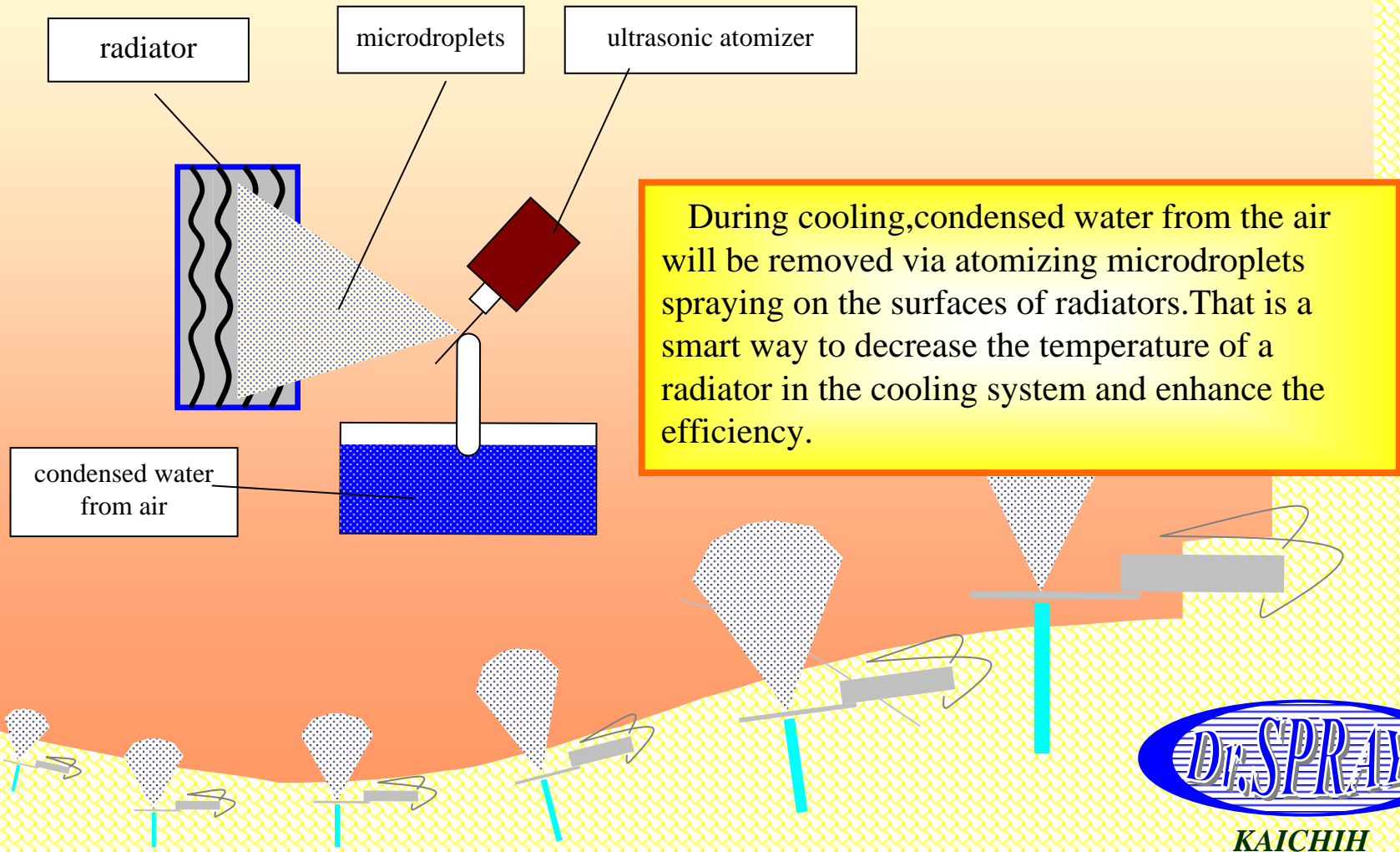
Heat energy



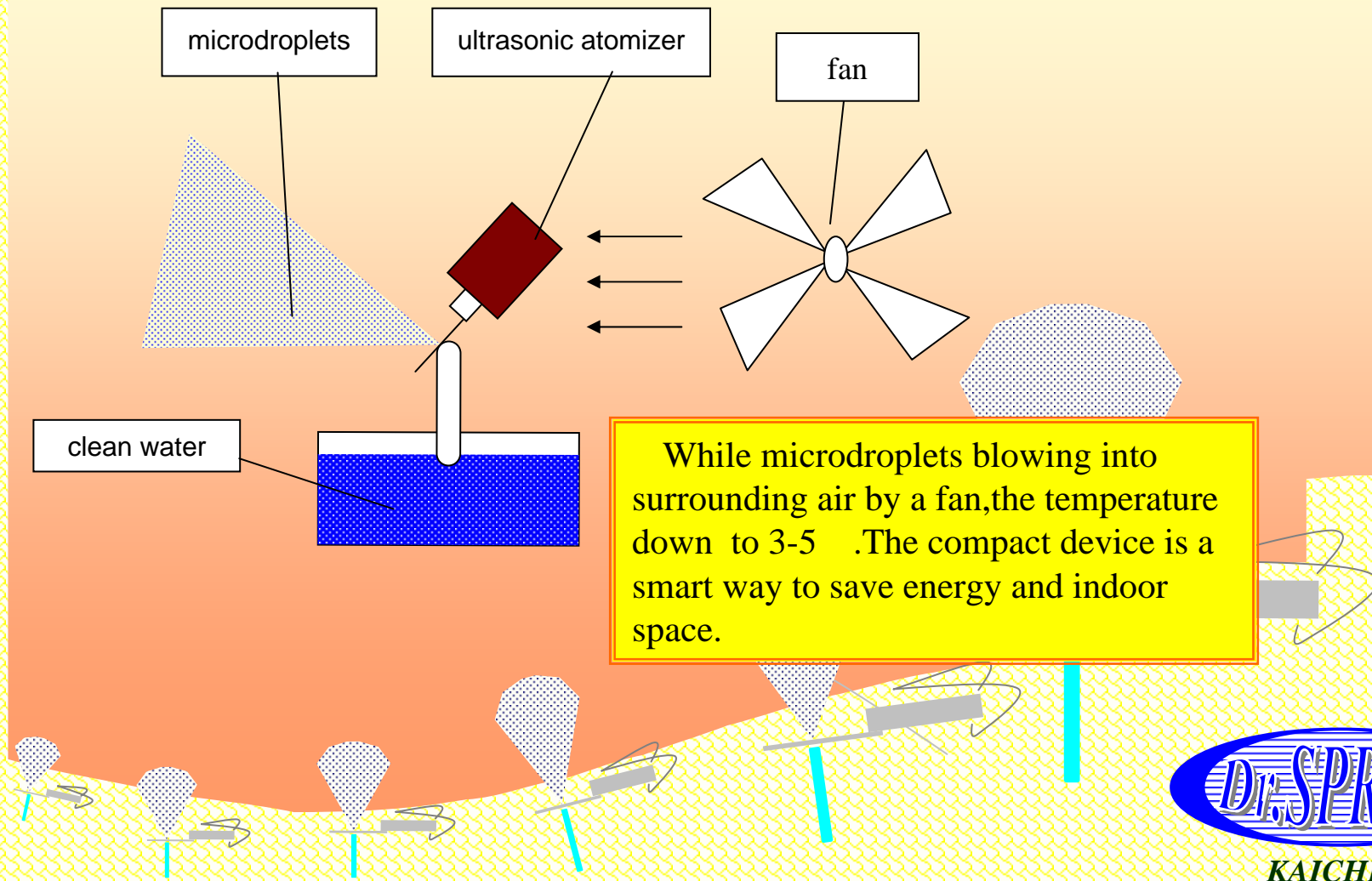
The application of ceramic transducers with pyroelectricity, that is capable of transforming the heat energy in the system into electrical energy and generates electric currents when located in a heated environment with higher temperature.



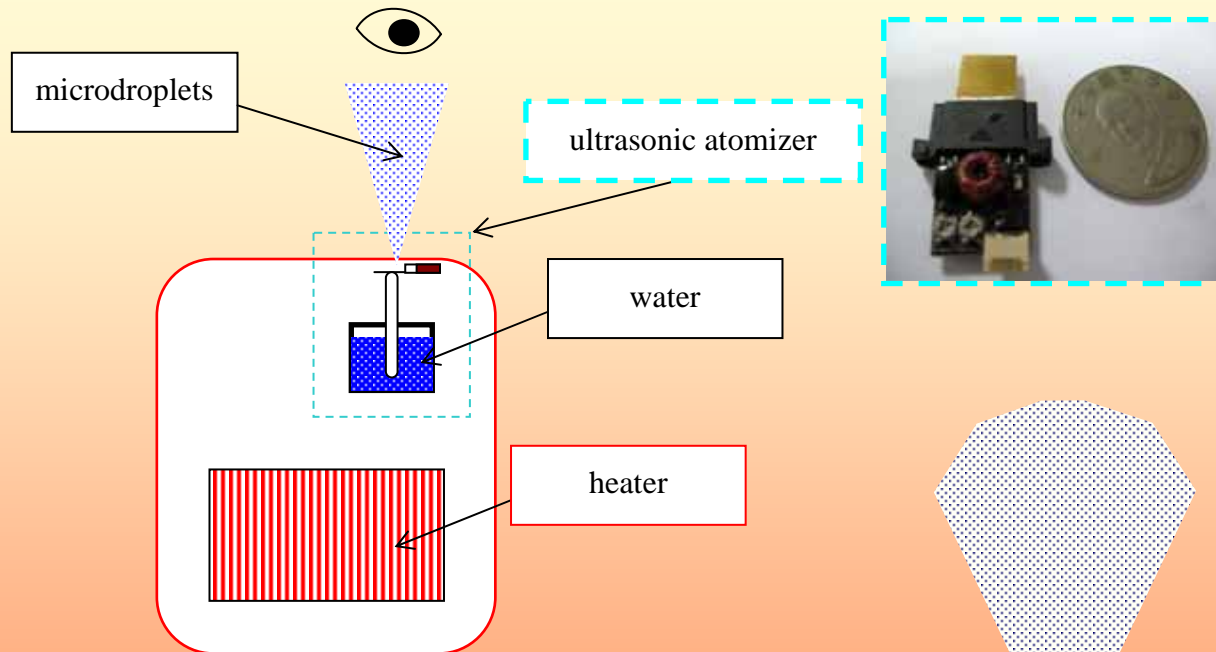
An application of air conditioners



An application of air coolers

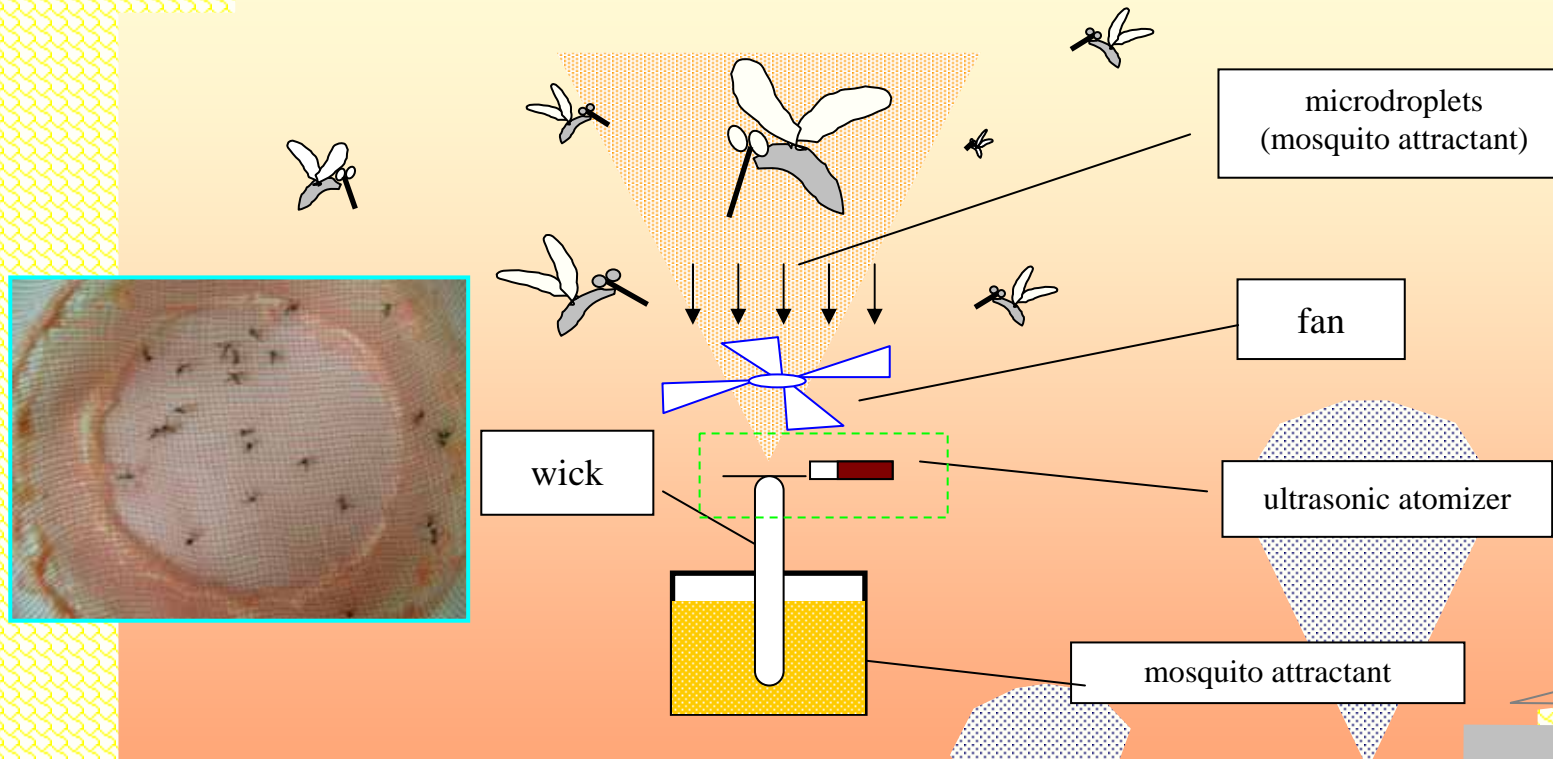


An application of humidifying heaters



An ultrasonic atomizer built into the heater system as a humidifier to keep the humidity at a suitable level with the additional power consumption of less than 1 watt.

An application of mosquito traps



The mosquitos are attracted to this device via attractant microdroplets atomizing into surrounding air and then vacuumed into the trap by the fan. This way is environmental and safe in mosquito control.