

## CLEVER HOUSE

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If only Realms of Fantasy magazine existed earlier, then some materials published there would be eligible enough to appear in Science Magazine. Similarly, it refers a clever house phenomenon or an intellectual building as its scientific name. One dreaming of a house that is able to manage various household tasks without help of the host was exploited long ago in the classic scientific fantasy. But the history does not reveal the name of the inventor of the first clever house.

And even if you imagine that the inventor did not go in for fantasy, he should have had some tips about fairy tales about a gin or a golden fish appearing to make your dream come true by your request. And here it is, the inanimate object realizing commands. Thus, the voice command is one of opportunities to manage the clever house.

Well, let's be logical.

A clever house is a premise where devices and mechanisms that bring safety and comfort to people are coded for particular actions. Thereby, the lighting, heating, any kind of rollets and jalousie, doors, audio- and video equipment and household devices are easy to have automated.

Such a household assistant can be managed by a single remote control device, the same we use to switch on the TV or a mini system. And the devices can be controlled by a mobile telephone. As an option, you may simply control your devices at the special site entering your specific access code, and it is absolutely remote control. You visit your web page and see how your house is doing while you are away and you may control the programming yourself.

You approach you house, and it caringly lifts the garage gates for your car, switches on the light and plays your favorite music, and also it warms up your dinner. You go sleeping and your house switches off the light, closes jalousie and switches on a lulling music. In the morning a house opens the blinds up (whether by a particular lightning or the timing set up), makes coffee and performs a great number of useful things. However, they are just simple commands. A clever house is able to water flowers in the garden, subject to all climatic features, provide food for cats

and fishes, check your temperature and blood pressure, and as a result - to take an adequate decision, that is, call for a doctor, at least.

And to make the last condition applicable in reality, sensors are placed throughout the house. The most popular sensors are movement sensitive ones. As soon as you are in the hall, a toilet room, a bathroom, any room you want, the light is on immediately. You go out, - and the light is off. Convenient and cost saving, you know.

The same effect is achieved by sound effects - voice or claps. Remember, a movie character slapped hands and the light is on, slapped her hands twice, it is off. Also you may choose to say «Open, Sesame! » and the door is opened. And you are like in a fairy tale but the tale is modern and high-tech. and you must remember your password not to confuse.

One may want to classify facilities of the intellectual premise into two groups: one providing safety, the other group providing comfort.

Safety is primarily controlling persons who try to steal into the house and video cameras immediately display this person to watch. When you are away for a long time, the house reliably shuts all doors and it is able to imitate as if you are home. It switches on the electricity at different times in the morning and in the evening, it provides real sounds and to control household troubles like shutting water supply in case of leaking. And one of the genius ideas in regards to security is a threatening bow-wow from behind the door and this is widely practiced now.

Save for the above, a clever house is a self-learning program: it keeps situations in memory and concludes, makes decisions and recommends. You don't believe it? You do believe! You need to get accustomed to a clever house as some time ago you had to get accustomed to a computer, mobile telephones and bank cards. And today we do not see us without all the staff that makes our life time-saving and comfortable.