

IF I COULD INVENT SOMETHING NEW

Firstly, what is invention? Invention is a creation that is produced in order to reduce burden, while invent means to create something new. To invent something needs critical thinking.

I would like to invent a cloud buster for rain. A cloud buster consists of parallel hollow metal tubes which are connected at the rear to series of flexible metal hoses which are equal or slightly smaller in diameter to the parallel tubs. Alternatively, the rear of the tubs are joined together to a single large diameter pipe and flexible metal hose.

My idea of a cloud buster was inspired by Peter Reice's *Book of Dreams*, a memo of his father, the psychoanalyst and scientist Wilhell Reice.

Materials needed for a cloud buster: a spacer made of organic material, metal conductors, parallel hollow metal tubs, flexible metal hose, copper pipes, quartz crystals and metal particles and cloud buster balloons. A cloud booster balloon is made using a blend of natural and synthetic latex (chloroprene) which allow them to withstand different environmental elements and climate. The chemical used in cloud buster balloons is helium gas.

A cloud buster balloon is a means to lift a small instrument package through the atmosphere to measure wind, temperature, humidity and pressure. They are usually about 4.5 feet across and made of latex. The larger the balloon, the higher it rises. Though the helium-filled balloon can float very high in the atmosphere, it cannot float up into outer space. The air in earth's atmosphere gets thinner the higher up you go. The balloon can only rise up until the atmosphere surrounding it has the same weight as the helium in the balloon. It may degrade after several years, but it's surely not "biodegradable".

Immediately after bursting of the cloud buster balloon, the parachute installed between the payload and the cloud buster balloons opens so that the payload flies gently and goes to the earth safely.

Typically, the balloon is filled with about 1400 grams of hydrogen. Attached to the balloon is the "tram", which consists of a parachute and the instrument package (called a radiosonde). As the balloon rises, the gas inside the balloon expands because the atmosphere pressure surrounding the balloon drops. The atmosphere is 100 to 200 times less dense at the float attitude than on the ground.

In conclusion, cloud buster is useful in many ways, such as checking the wind, temperature, humidity and environmental climate changes.

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