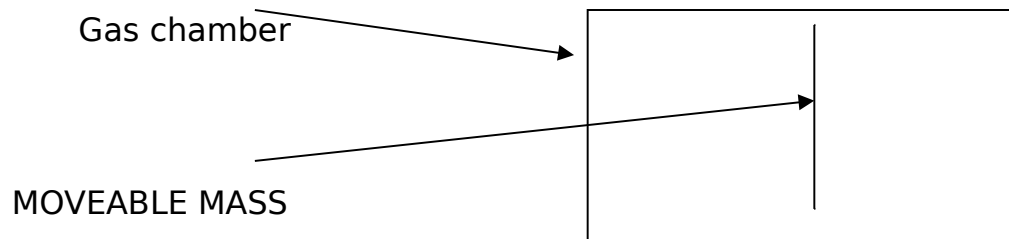


## THEORY OF ARTIFICIAL THUNDERSTORM

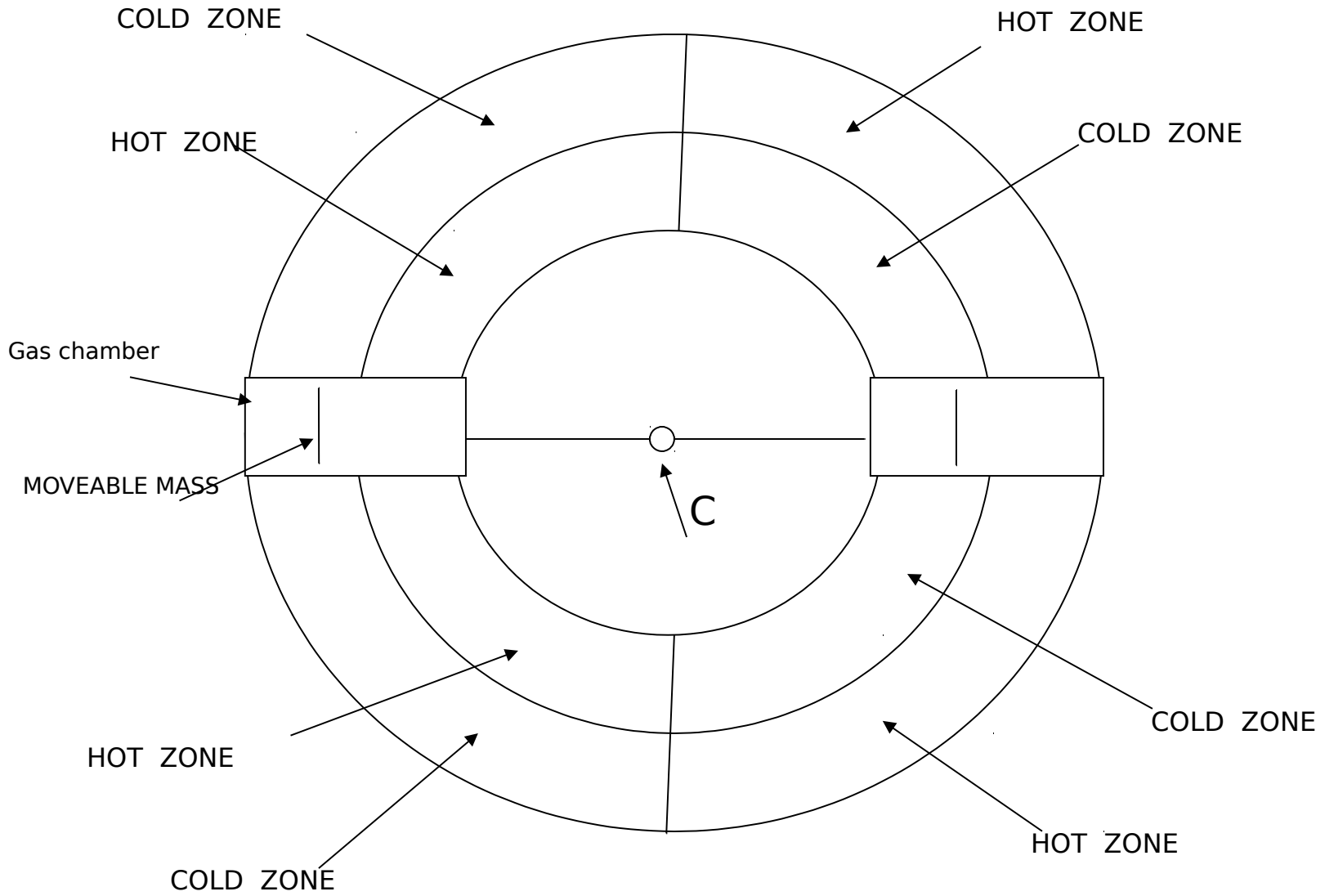
**ABSTRACT:-** We know about natural thunderstorm . In it large amount of energy stored but we are not able to use It's energy into a mechanical work, by this reason we create an artificial thunderstorm on the principle of natural thunderstorm in such manner that there produced energy converted into mechanical work.

### **THEORY:-**



As shown in above figure, a gas chamber in which a moveable mass is arranged in such manner that it free to move inside the chamber and it divides the gas chamber into two parts, every parts of chamber filled with gas in such manner that if temperature of both parts of chamber are same then moveable mass remain at middle in gas chamber and if any difference become in temperature on parts of chamber moveable mass moved towards to cool side.

Such above described chambers in large numbers are arranged on a circular rotationable manner system. As shown in here by below figure



As shown in figure we arranged to chambers on circular rotationable system in manner and setup a temperature system in manner as in a half circle , all chamber's parts that are near rotating centre are remain cool and that parts which are far from rotating centre remain hot , in this situation all chamber's moveable masses are moved towards rotating centre and become more near to rotating centre and same time in other half of circular rotationable system setup a temperature system that all chamber's parts which are near to rotating centre remain hot and which parts of chambers are far from rotating centre are remain cool in this situation all moveable masses are moved away from rotating centre and becomes more far from rotating centre in this half , and by the affect of gravitational force , torque is produced and by this gravitational torque system starts to rotates and remain in rotational motion.

**CONCLUSION:-** Theory of artificial thunderstorm will help in development a mechanical device far conversion of solar heat energy directly into mechanical work and may help towards dust particles in natural thunderstorm and role of water droplets in cyclones.

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