

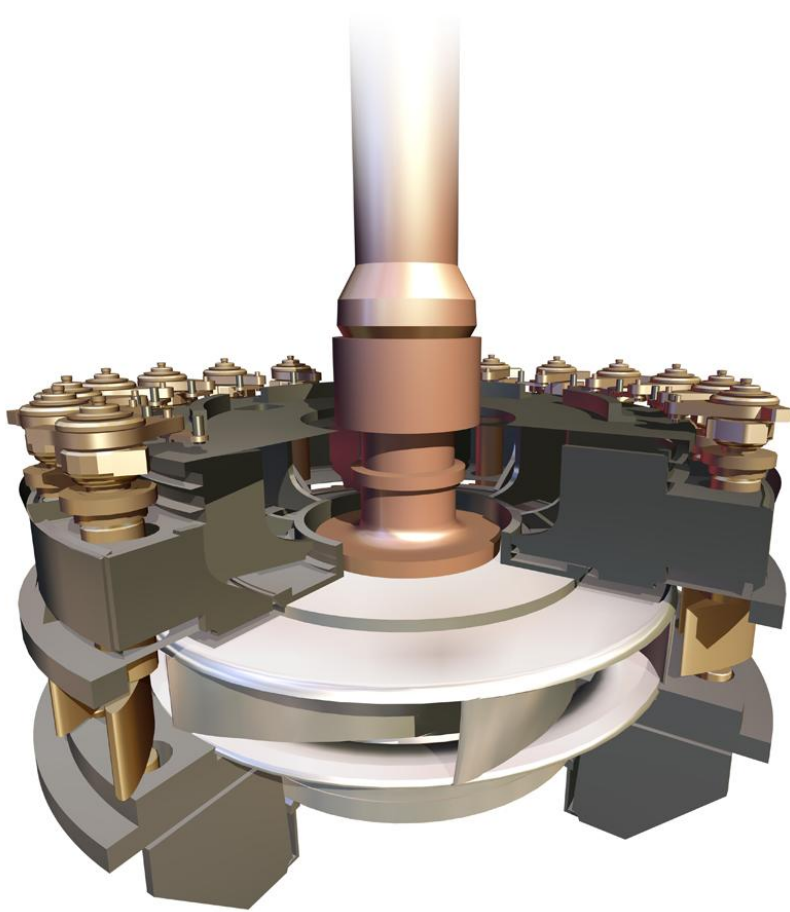
Technology available for commercialisation



OM CYCLONIC HYDRO POWER PLANT

Generates electricity by harnessing the kinetic energy of fast falling water flow. Technology involved leads to water to first be converted into mechanical energy and then into electrical energy. Water is channelized through large pipes or tunnels to lower levels, and in the course of the fall, the water rotates turbines involved in this process. Water flow irrespective of being slow or fast, enters the set of specially designed discs and gets converted into high pressure.





The most important feature of this invention is its installation cost is much cheaper than that of the water turbines known in the market. The effect of the water pressure which hits the rotor blades works in between 90 degrees and splashes out 0-50 degree outwards. The result is constant production of electricity all the time.

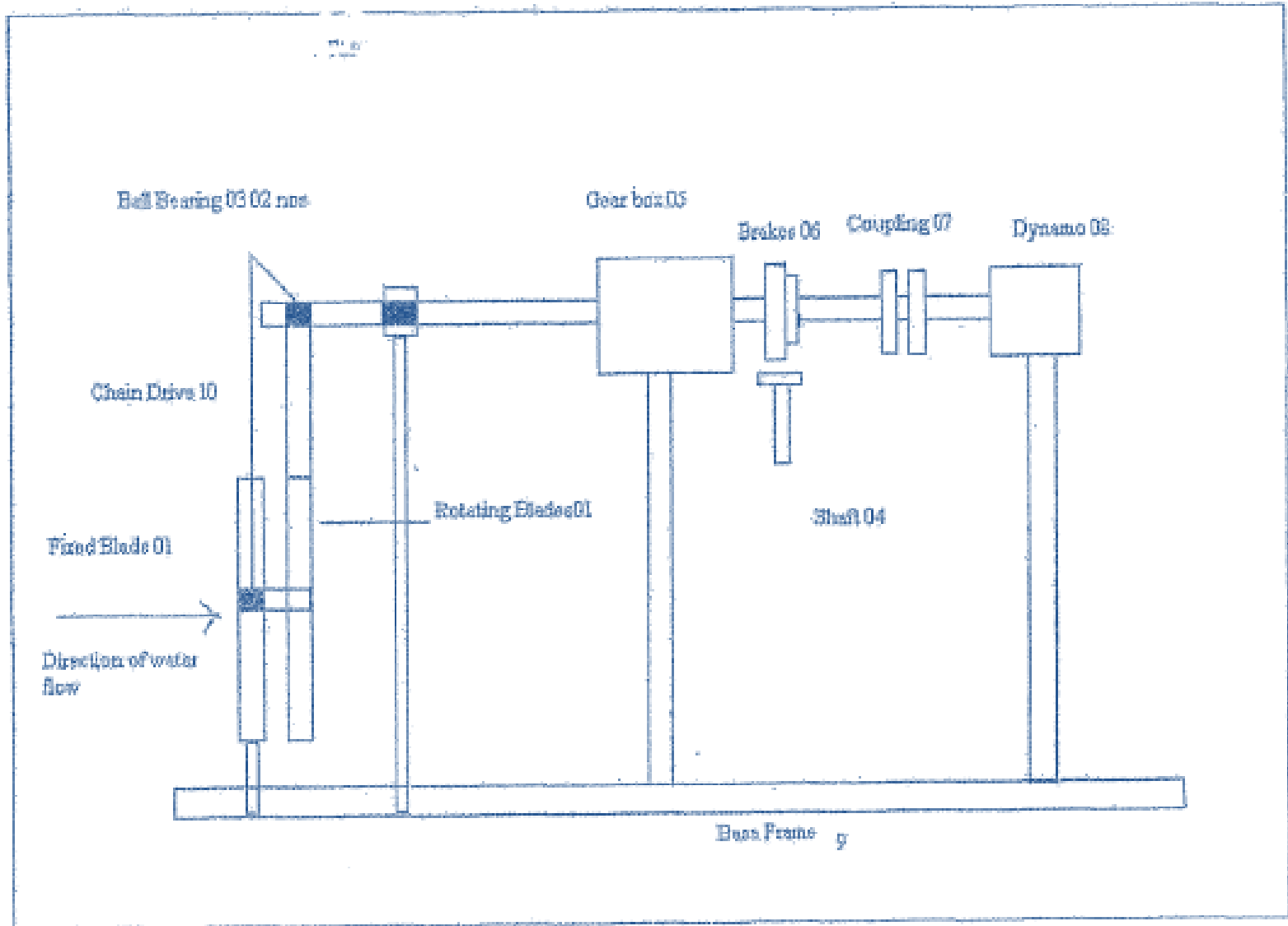
PARTS OF CYCLONIC HYDRO POWER PLANT.

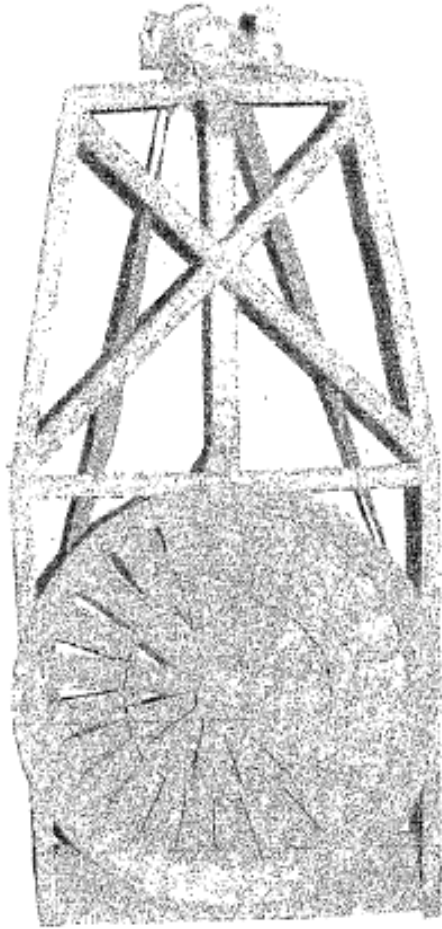
1. Set of fixed blades.
2. Set of rotating blades
3. Ball bearing
4. Shaft
5. Gears
6. Brakes
7. Coupling
8. Dynamo
9. Structure of the blades of the fixed disc.
10. Structure for the blades of rotating disc
11. Frame to hold the front disc
12. Base of the whole structure
13. The point of water incidence.



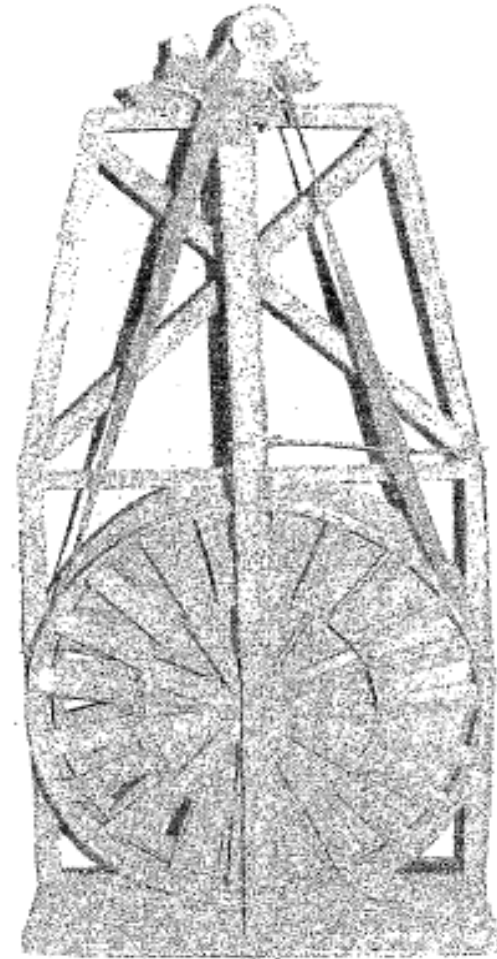
Cyclonic Hydro Power Plant is a modified water turbine comprising a water turbine promotional equipment mainly consisting of :

- (a) set of fixed blades**
- (b) set of rotating blades**
- (c) ball bearing**
- (d) Shaft**
- (e) gear box**
- (f) Brake**
- (g) coupling**
- (h) dynamo**
- (i) base frame**
- (j) chain drive, through which the water from a river or other waterway flow and irrespective of speed of moving water whether it is slow or fast enter the said set of specially designed disc/ blades and convert into high pressure and generating power.**





Front View



Rear View

Contact us

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