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**The Writings of Prof. Bailey**  
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**Pg. 01**

**LETTER 03-29 "Rotating Resonator Disk" jib36**

Kim, it is very hard for me to teach a Repulsine experimenter by E-mail.

You still have not built a resonating disc chamber that works.

I can build one in 5 minutes that will work every time.

You of all people know flying an airplane requires years of practice.

It is no different with these experiments.

The internet has hundreds of people who attempt to build Stirling motors and fail miserably.

All I needed was the basic theory and in just a few days produced a working model based on a stew can and the thumb from a rubber glove as my power piston.

Most people will fail to get an electrostatic machine working no matter how hard they try. It simply takes years of patience and trial and error. I was building these machines when I was just 7 or 8 years old. Others waited until graduate school!

I have no doubt your mechanical skills are up to the level required to build a working Repulsine. Most on the internet have a limited attention span. They almost never have both theoretical skill and building skill at the same time. To do this requires the highest level of theoretical ability and craftsmanship in almost perfect combination.

What I need from you the most is the ability to see the physical theory of operation.

We know an air bearing works. That is not a surprise to me.

I have built air bearings for 30 years to levitate plates. I of course have built every form of hovercraft known to man.

It was levitating a heavy ceramic plate that showed me the resonance effect in the first place!

All I wanted was a steady air cushion to construct a small dynamo under the ceramic plate.

The plate began to resonate! No matter what I tried, I could not get the plate to stop vibrating!

It was after this experiment I began to use all kinds of plates over my pressure source and found the vibration to be related to a complex lift effect between the plates that was unstable in nature.

This in combination with the Stirling engine research I have done gave me the secret of the Repulsine motor.

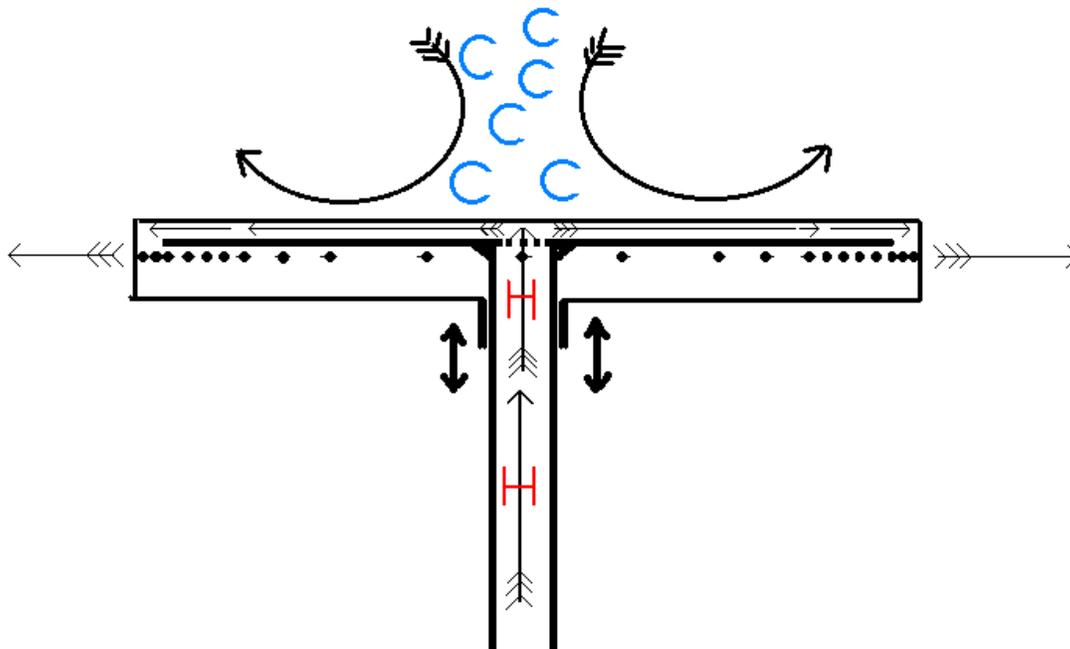
The air above the Repulsine plate is cold from vortex rotation.

The air between the Repulsine plates is hot from intake compression ramming.

We now have all that is required to generate power.

**YOU MUST SEE THIS FOR YOURSELF!**

Here is the simplest Repulsine I have ever tested using a pressure source from a large shop vac exhaust pipe.



You place a hollow chamber with a "SLIDING COLLAR" over your pressure pipe.

The chamber can be from a simple cookie container or cake tin. THIS I NOT A HIGH TECH EXPERIMENT!

The top of the pressure pipe has a fixed rigid static plate as shown in the drawing.

The outer chamber will form an air bearing above it.

The outer chamber has either 16 to 48 holes with 90 degree jets (bent soda straws will work). Or Kim the chamber can have 90 degree slots cut into its rim so as to cause the sliding collar to spin!

If the slots are too big the air pressure will be diminished.

The purpose of the sliding collar is to hold the rotating outer chamber in place around the pressure pipe as it spins.

The sliding collar should have low friction.

By blowing air between the fixed plate and the outer chamber a powerful resonation will build.

This will increase the air pressure leaving the hollow outer chamber. The hot air trapped between the two plates is imploding. The cold air above it simulates exactly how a Repulsine is meant to work!

I have built several examples.

With your natural grasp of the subject you should have no problem re-constructing this simple Repulsine experiment.

You will be very surprised by the power this simple device generates.

I have no doubt you will quickly improve on it.

**THIS IS A FULLY TESTED IDEA!**

Find a round cookie tin or cake tin and cut some slits in the rim or drill 16 to 48 holes with bent soda straws.

The rest is obvious. It will spin up to a high Rpm and resonate with a loud horn like noise.

You should be able to build one in less than an hour.

The biggest problem I face with people on the internet is that they fail to reproduce even the simplest experiments.

I keep giving them more and more advanced ideas and they are completely lost.

This is a "BASIC" test of your skills.

Most have failed to do even this simple experiment. It is no wonder I have wasted 30 years of my life trying to explain the Repulsive to people.

I know you and John are different. It is sad so few people have paid my research any attention.

There is an almost unlimited energy source waiting to be used by mankind if only someone would take me seriously and do a few experiments!

Try this drawing Kim it is simple and it works every time!

End