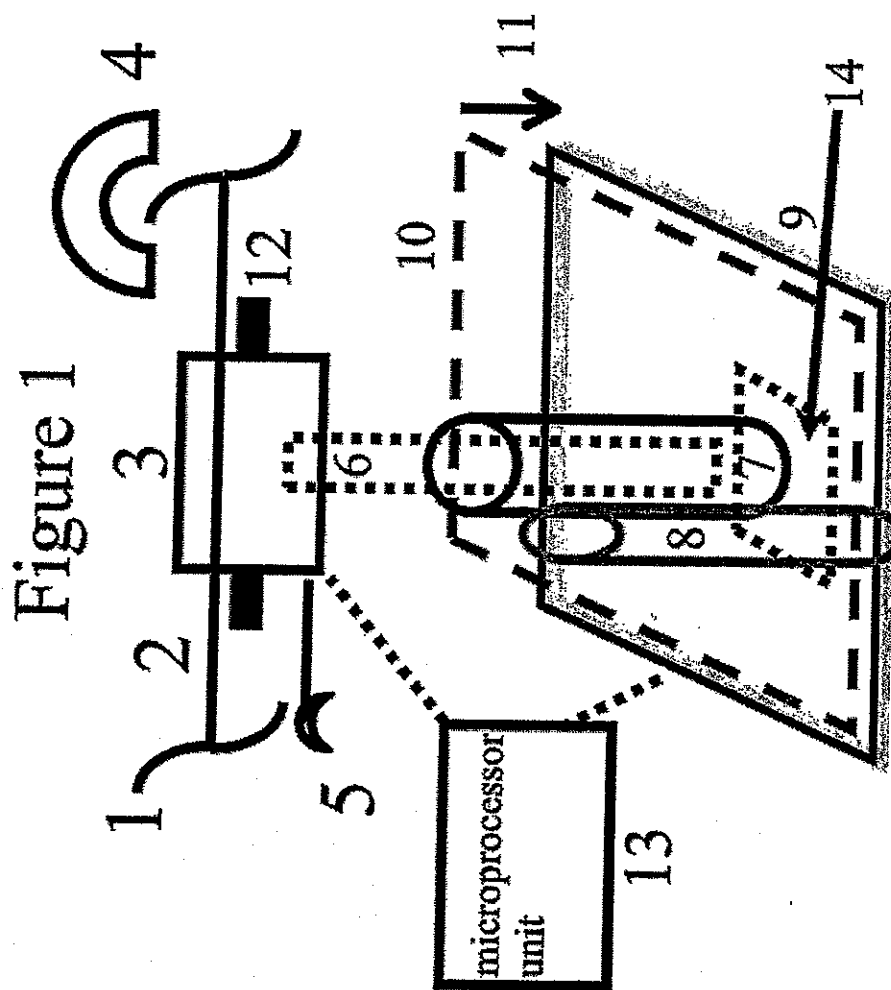




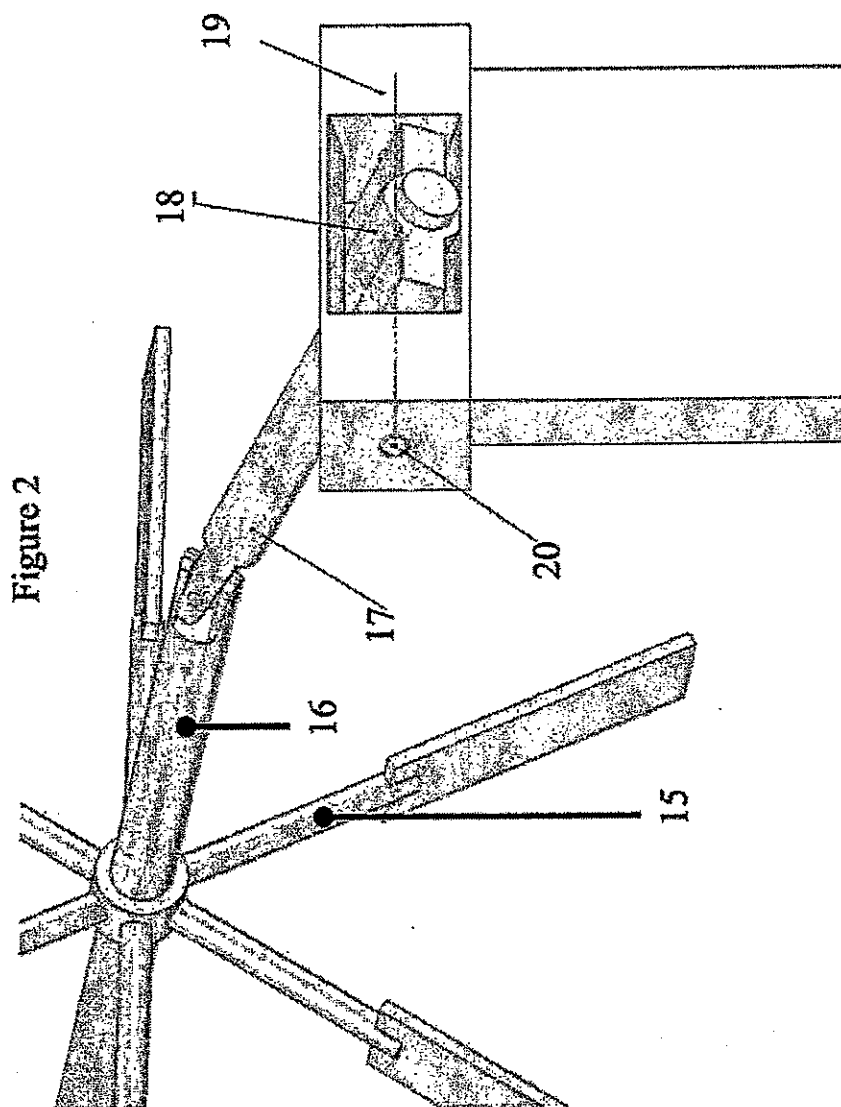
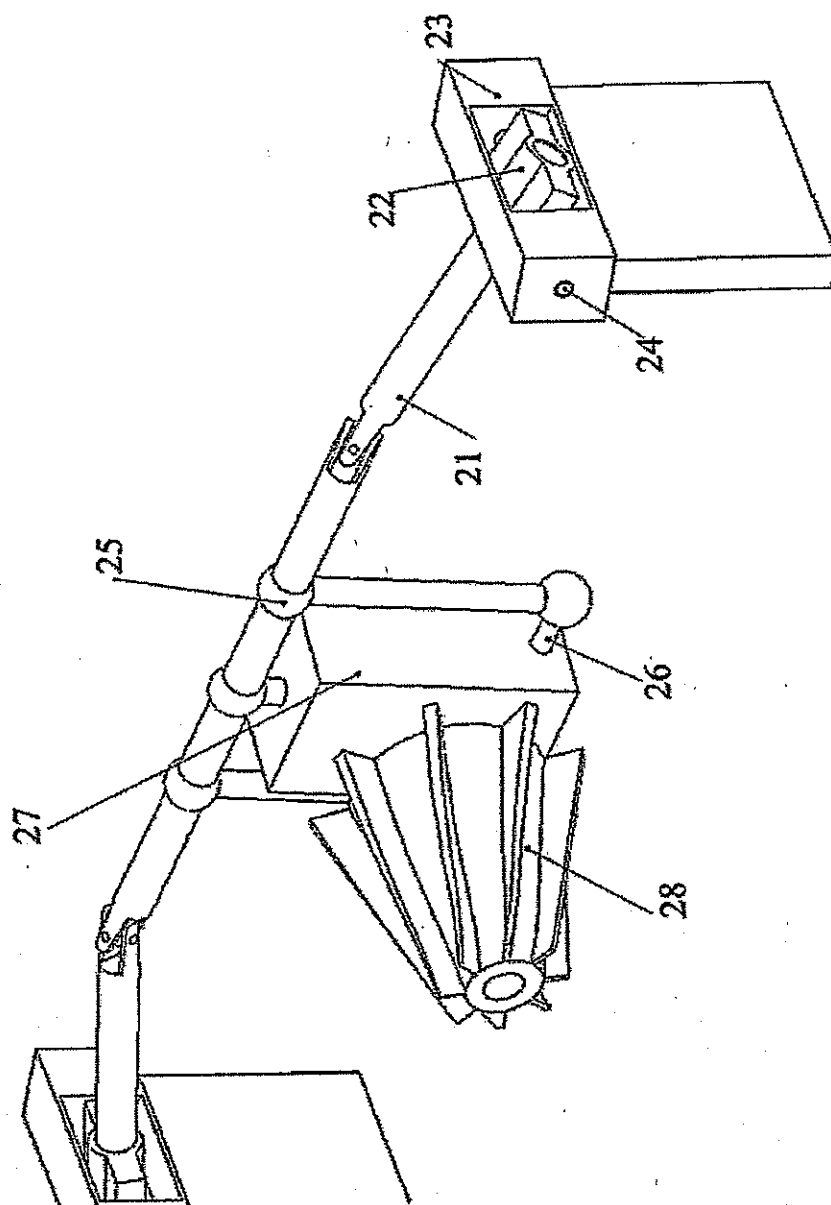


Figure 3



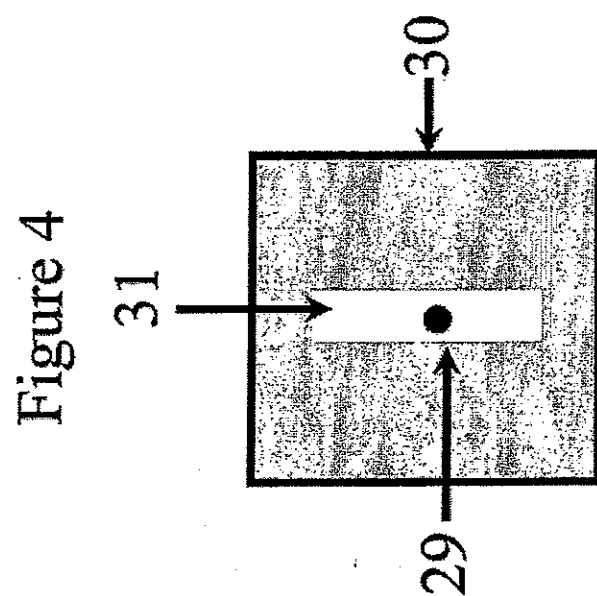


Figure 5

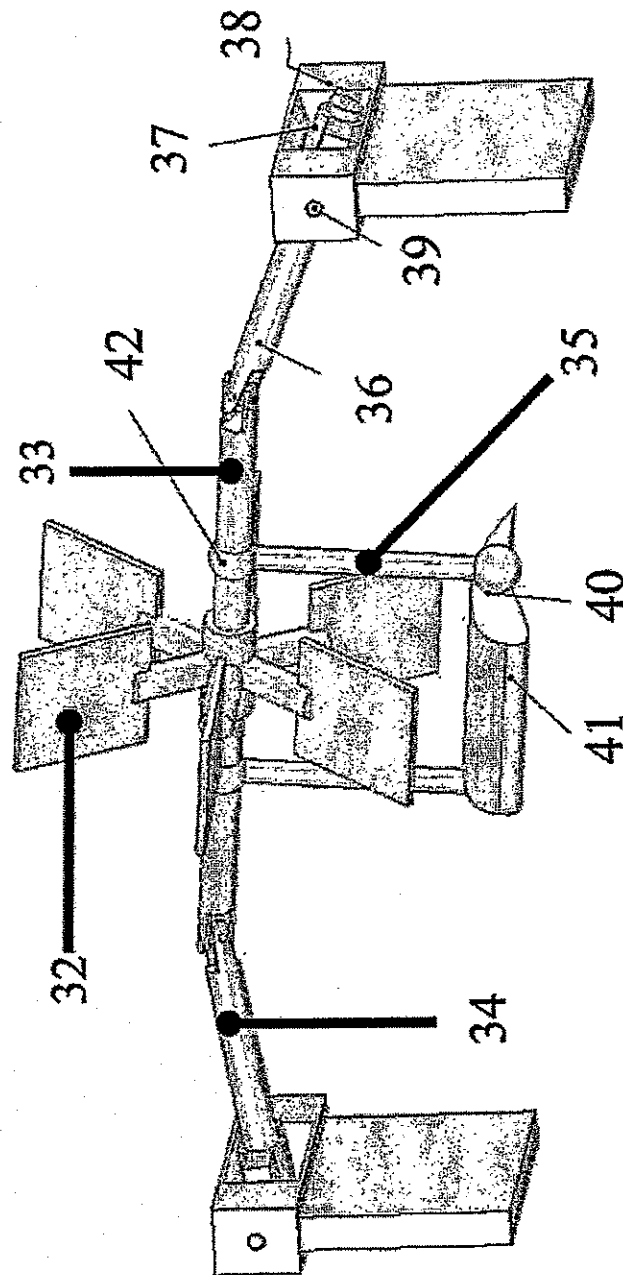
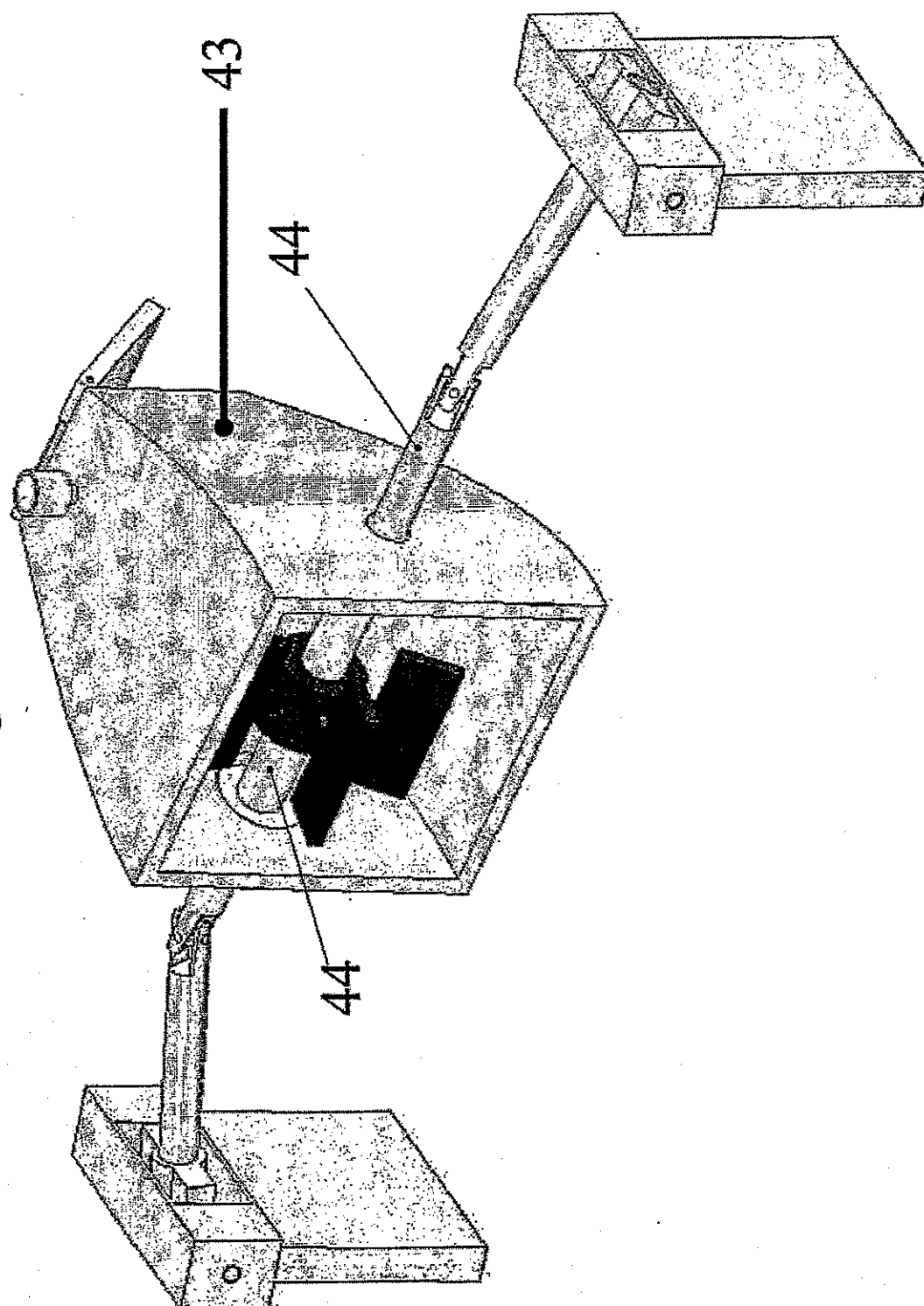
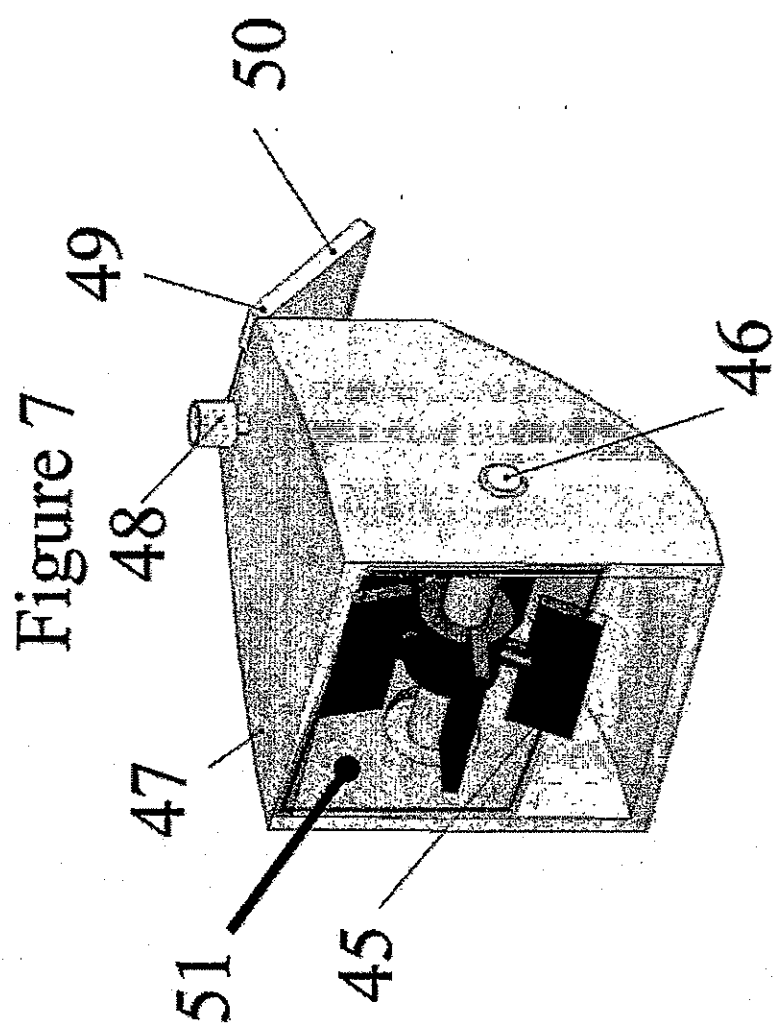


Figure 6





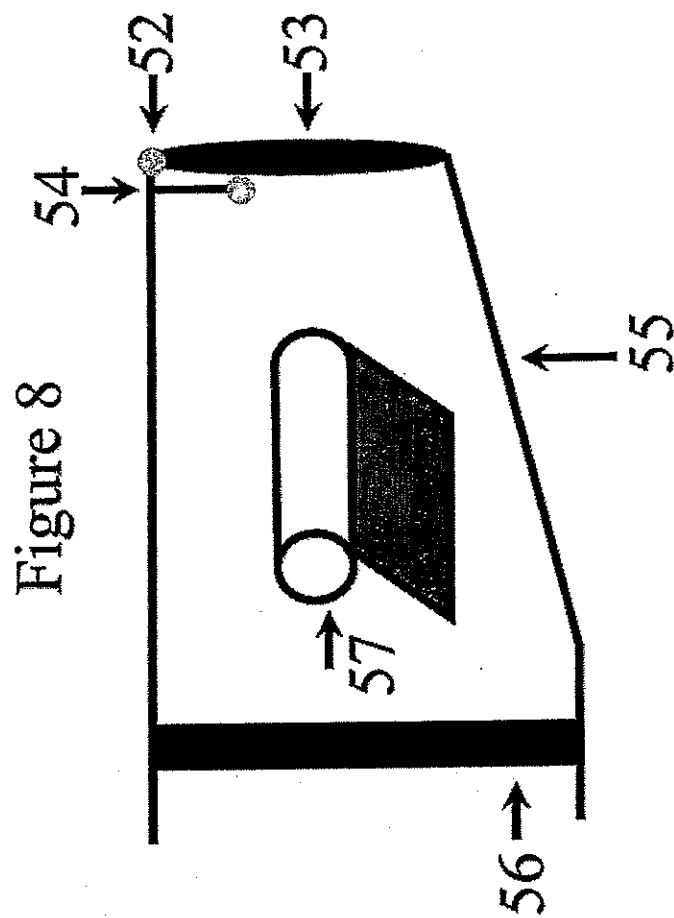
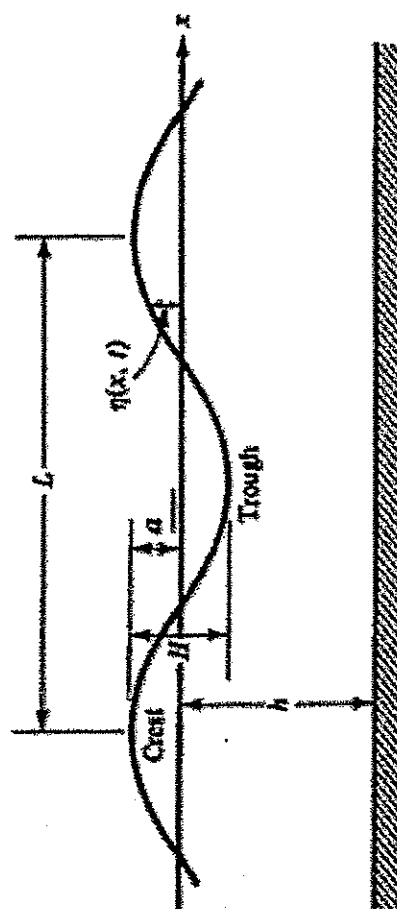


Figure 9



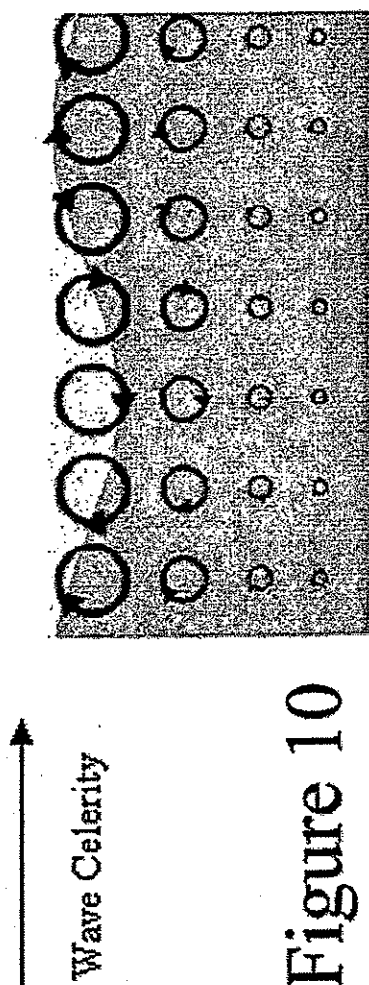


Figure 10

Figure 11

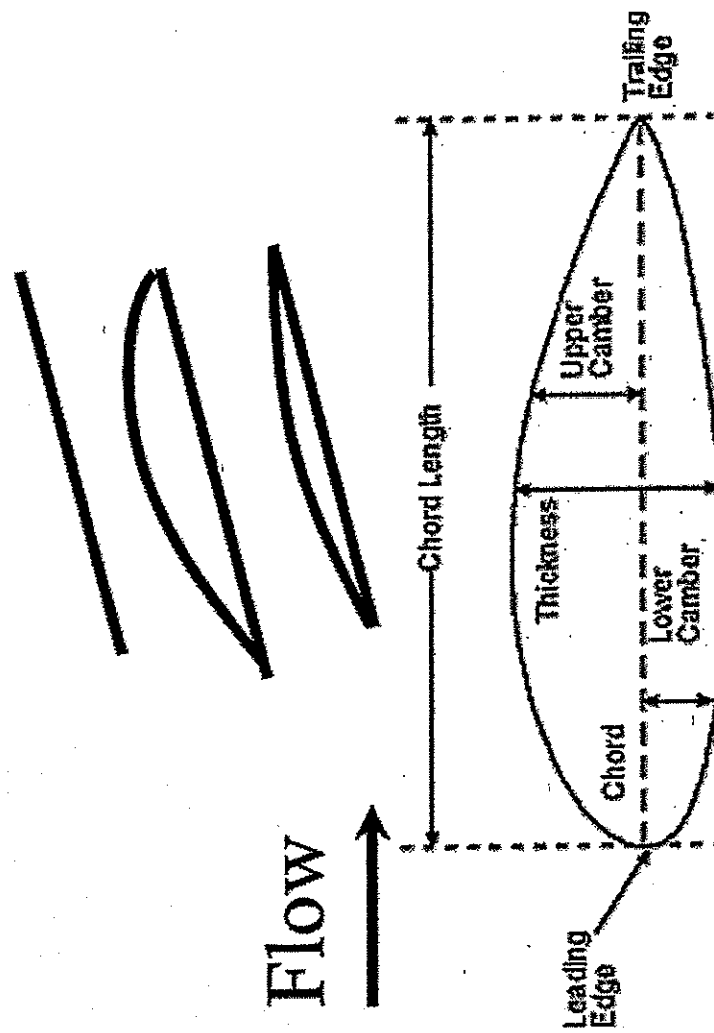
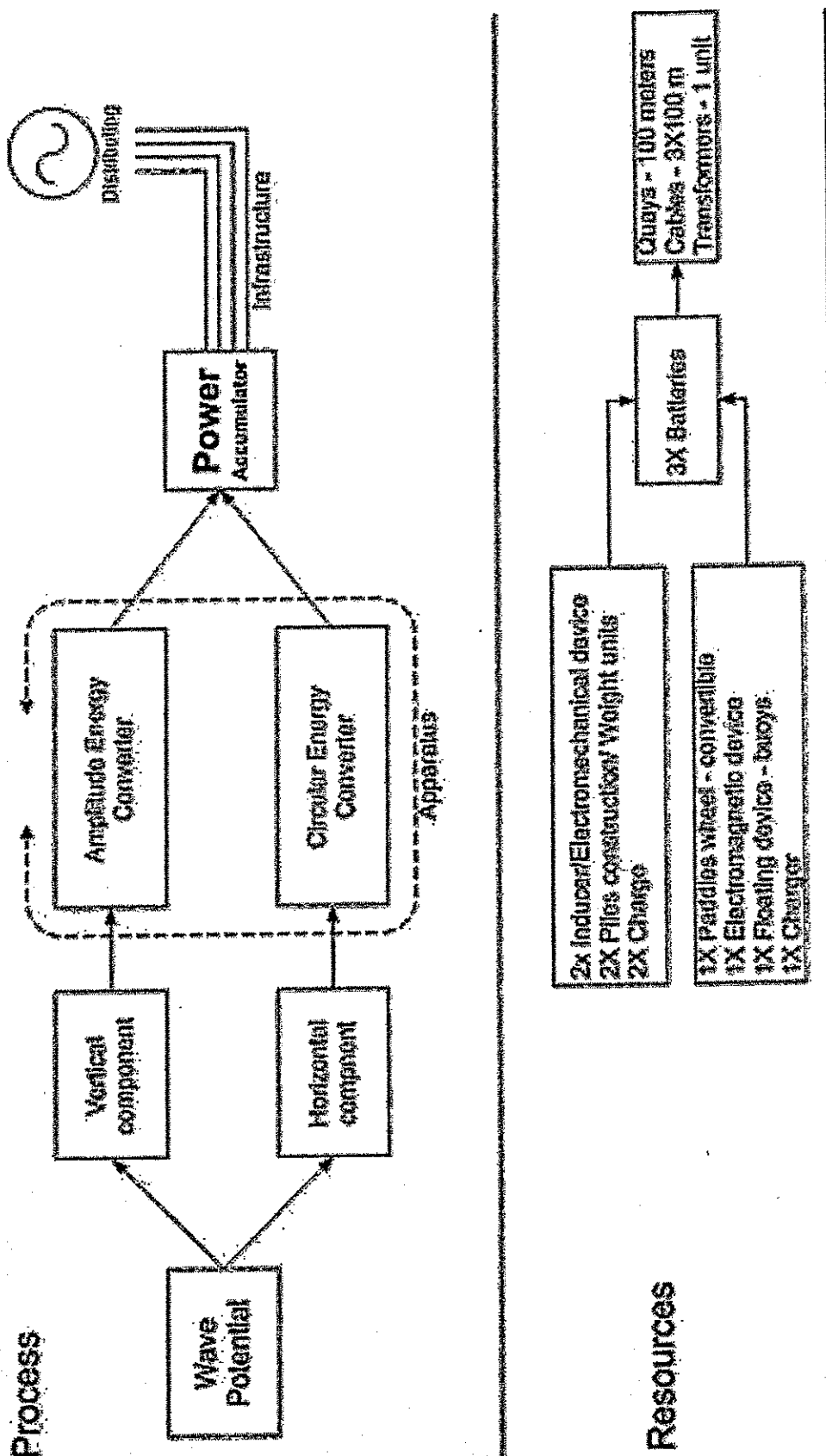
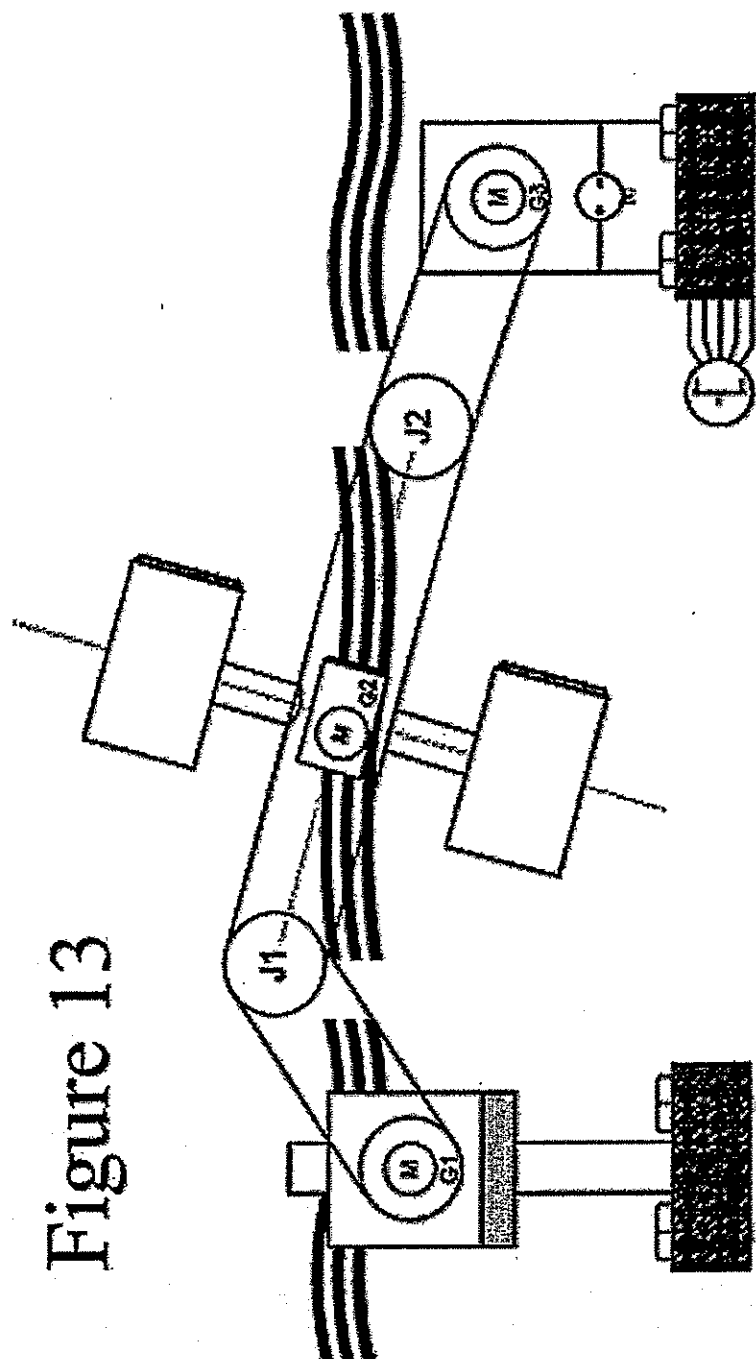
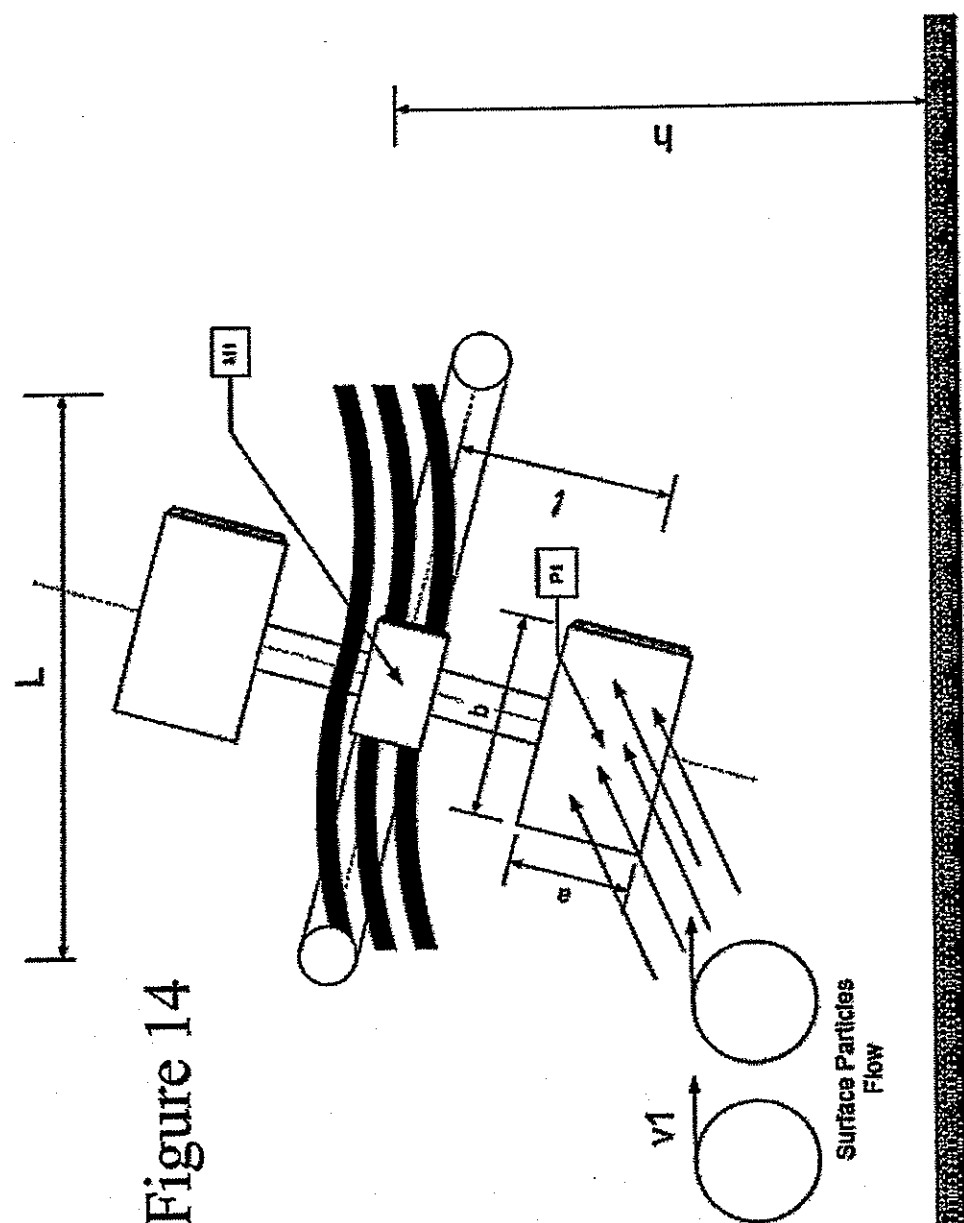


Figure 12







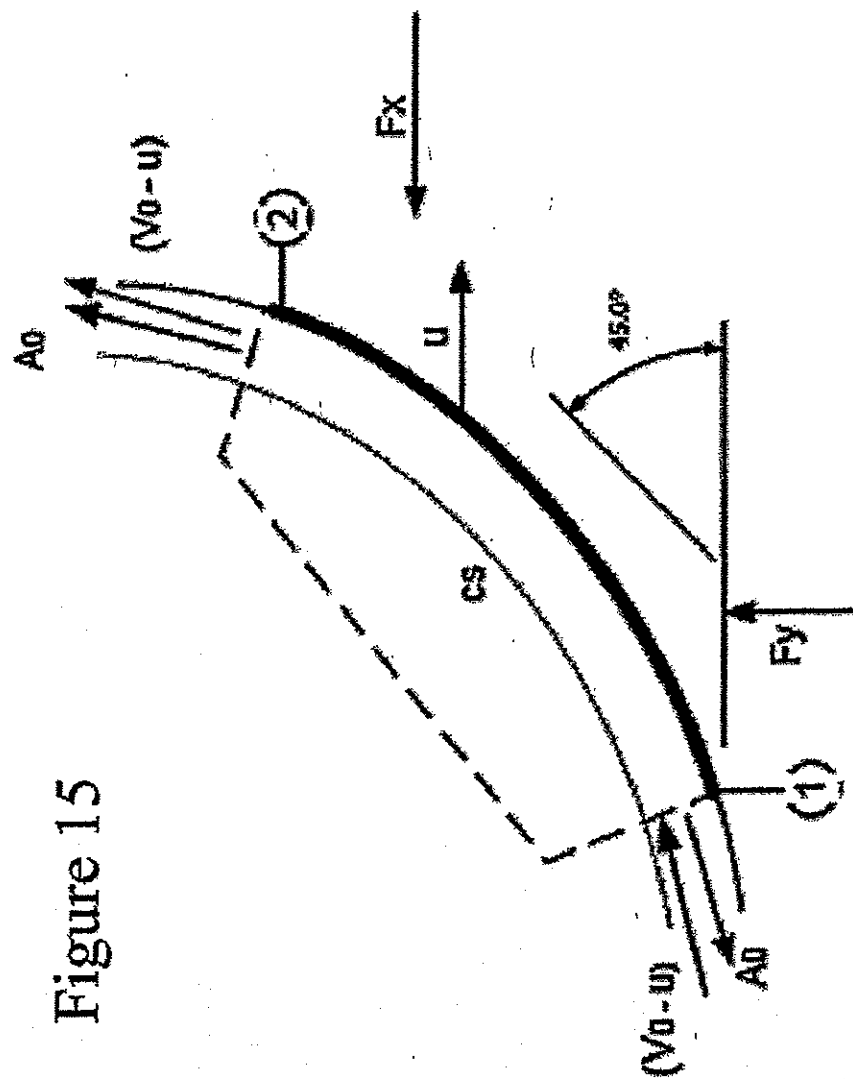


Figure 16

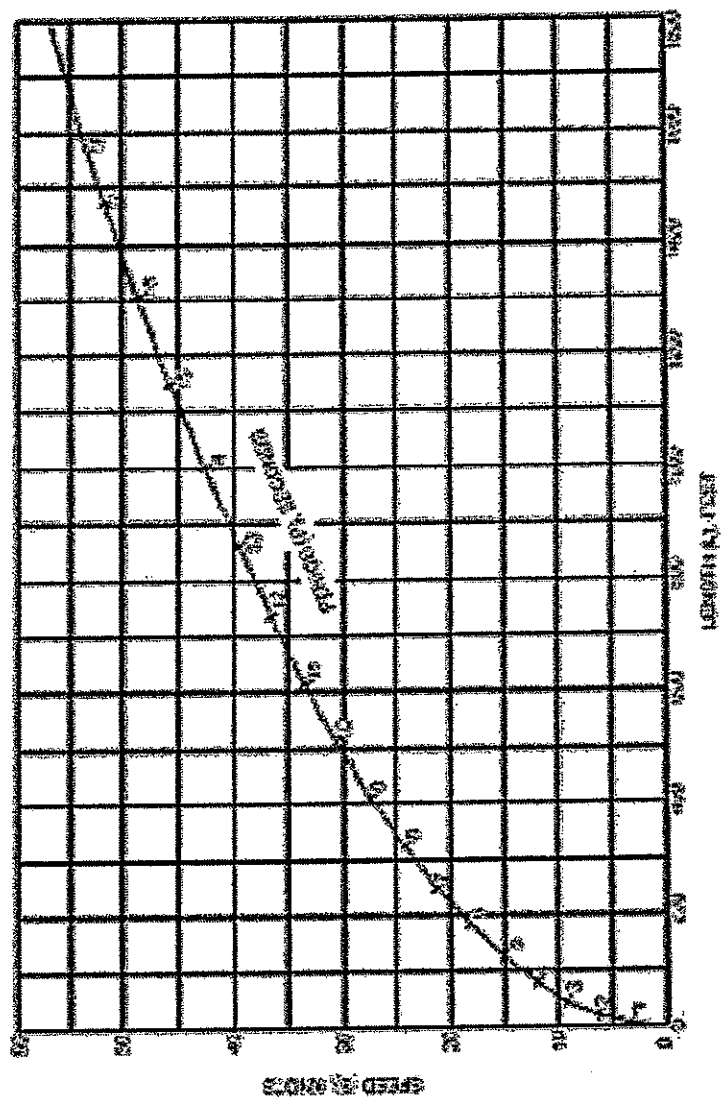
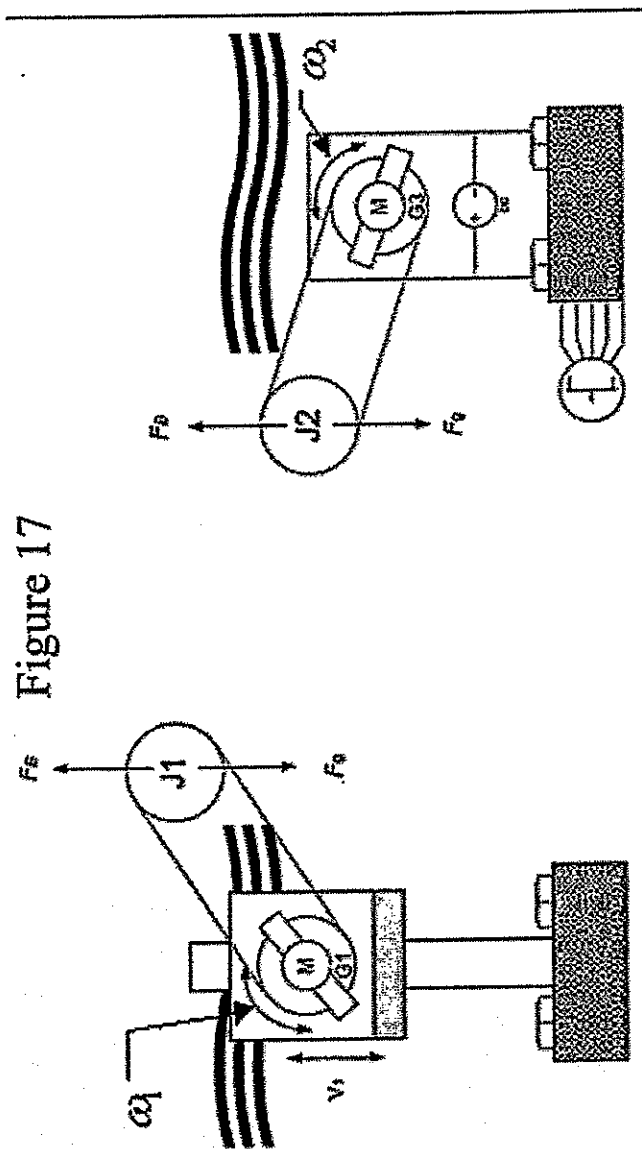
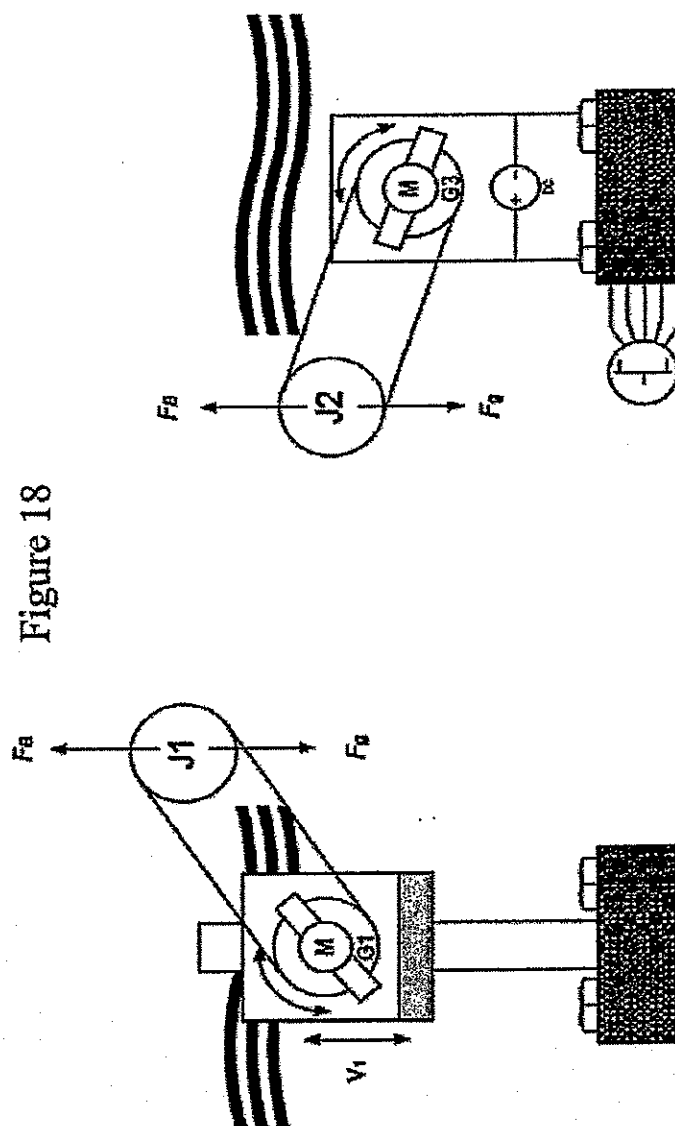
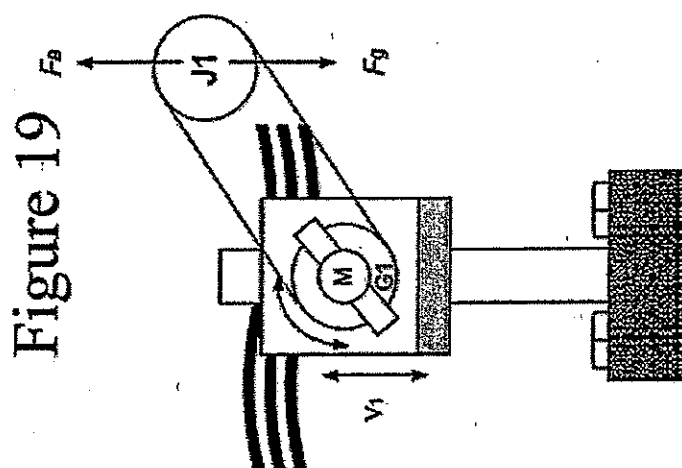
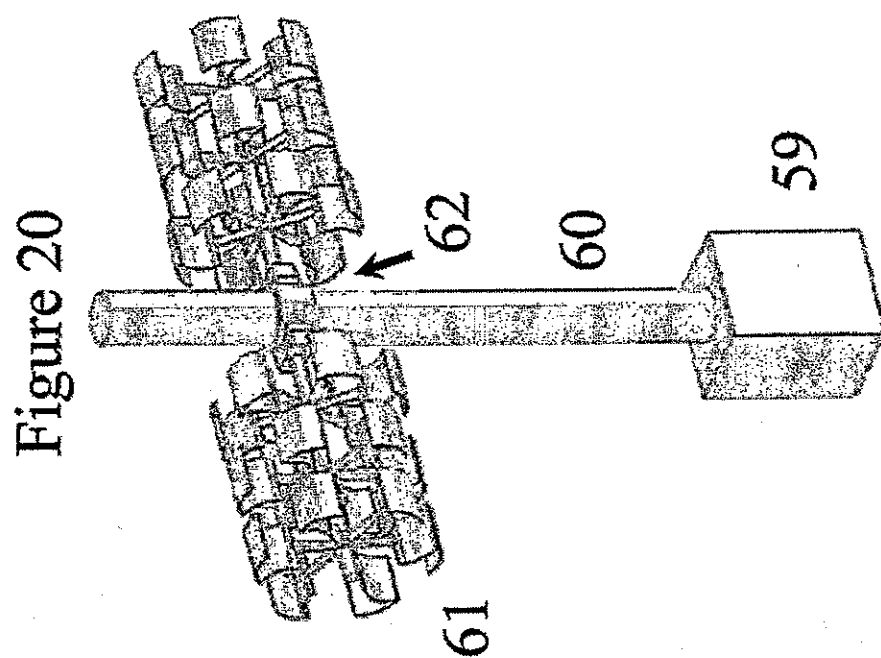


Figure 3302b. Relationship between speed, length, and period of waves in deep water, based upon the theoretical relationship between period and length.









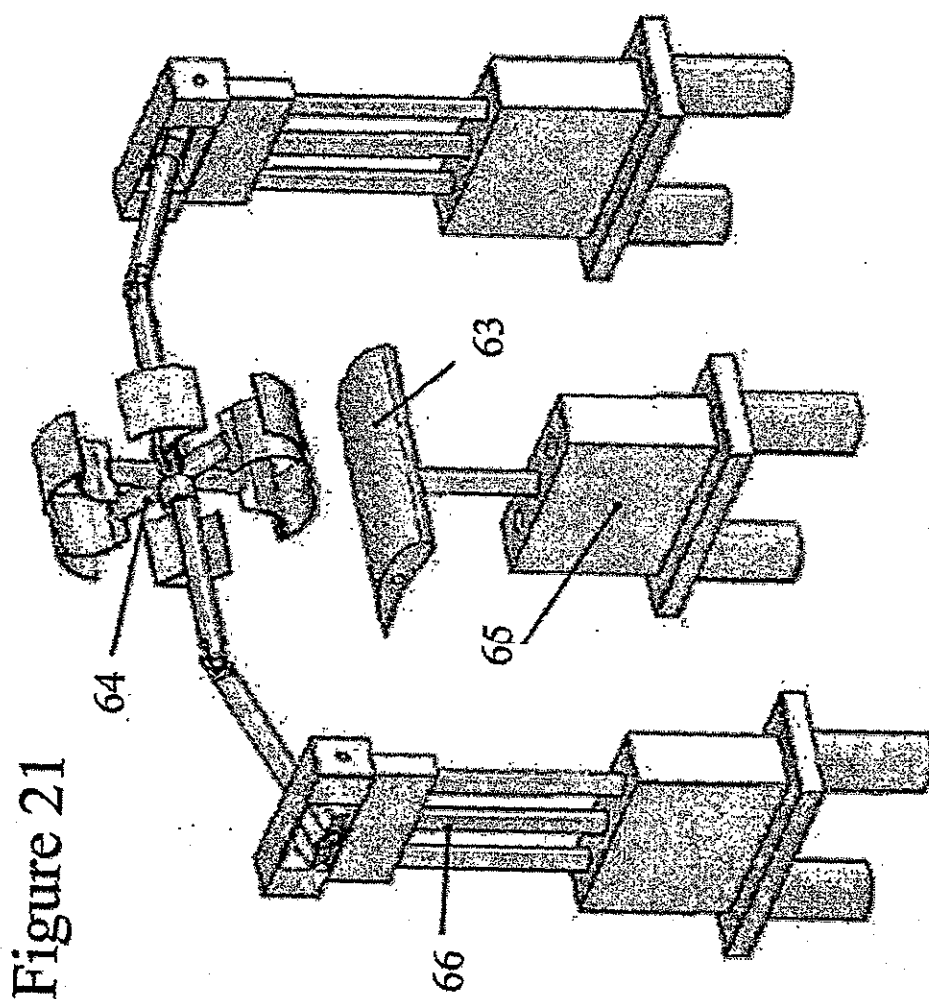
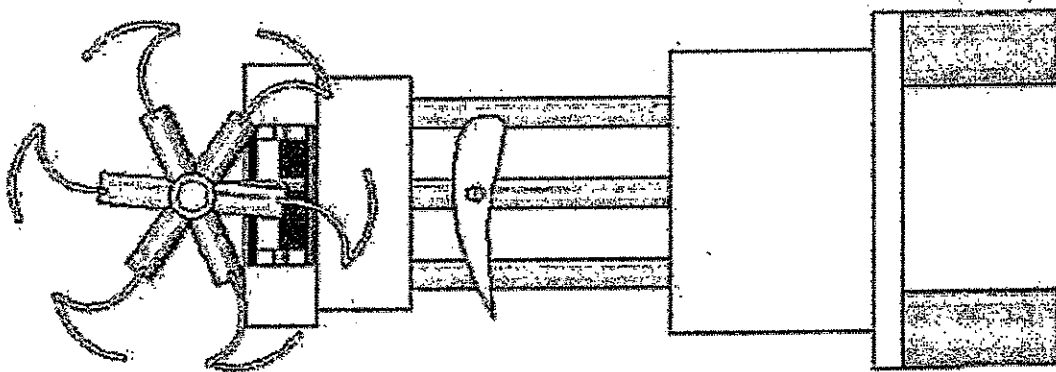


Figure 22



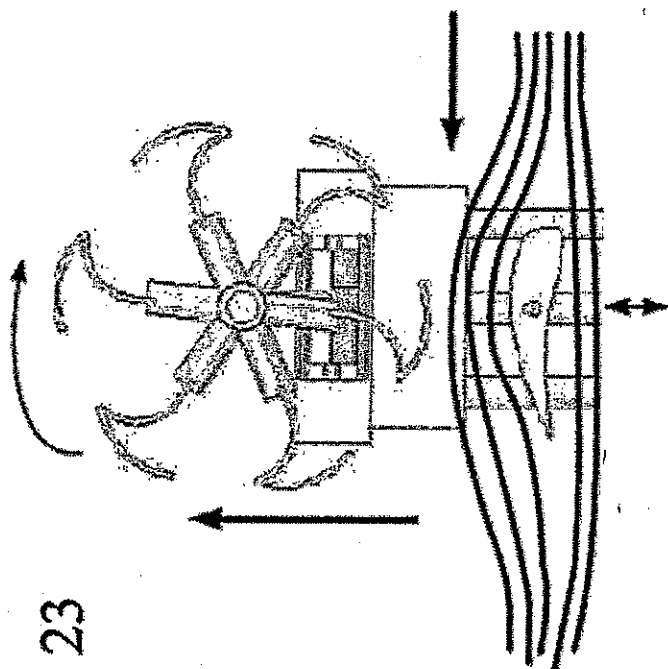
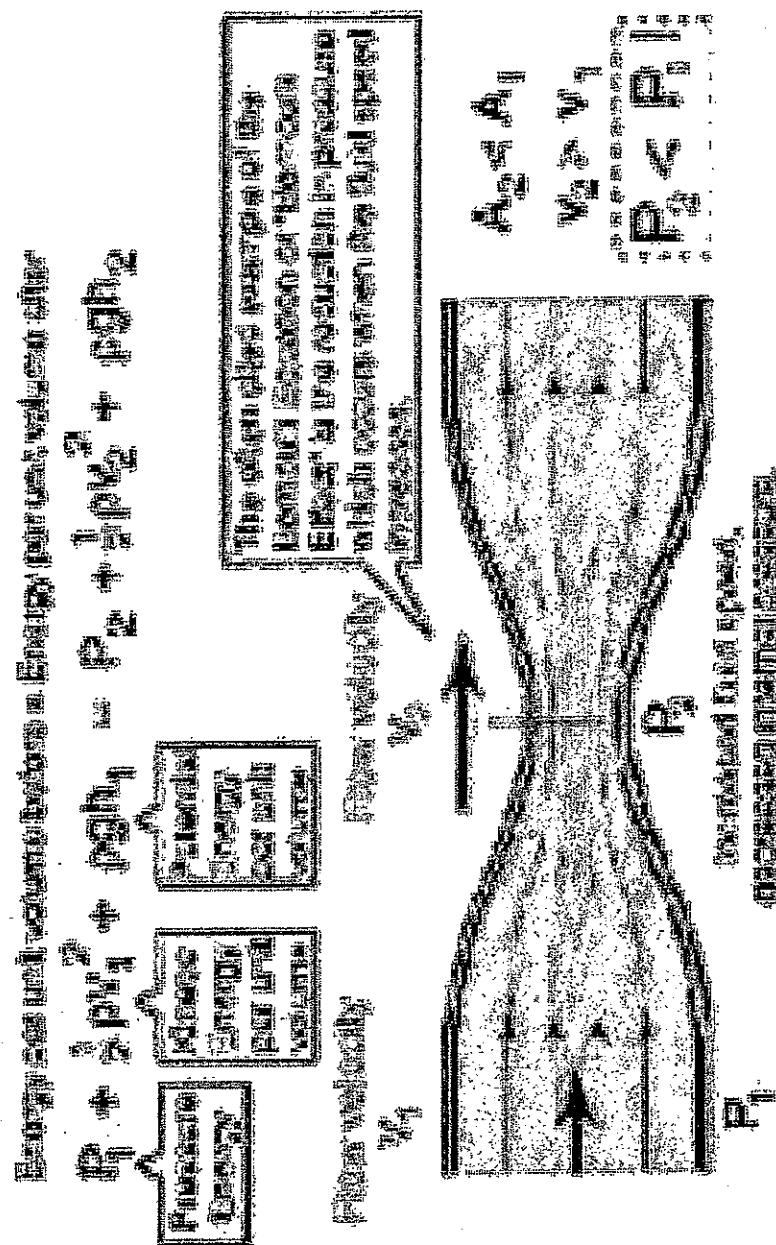


Figure 23

The flow around the wing causes higher speed on the top side and higher pressure at the bottom side.

Figure 24



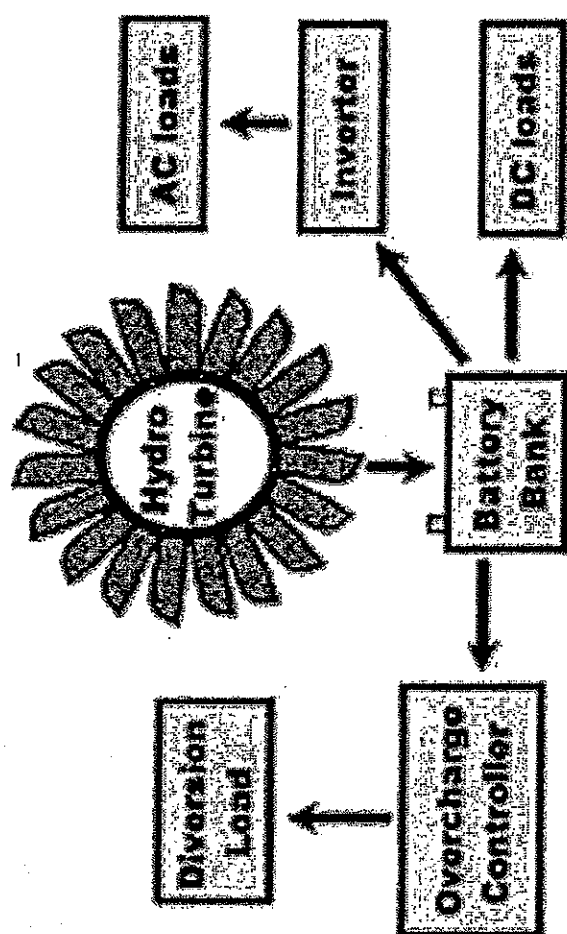
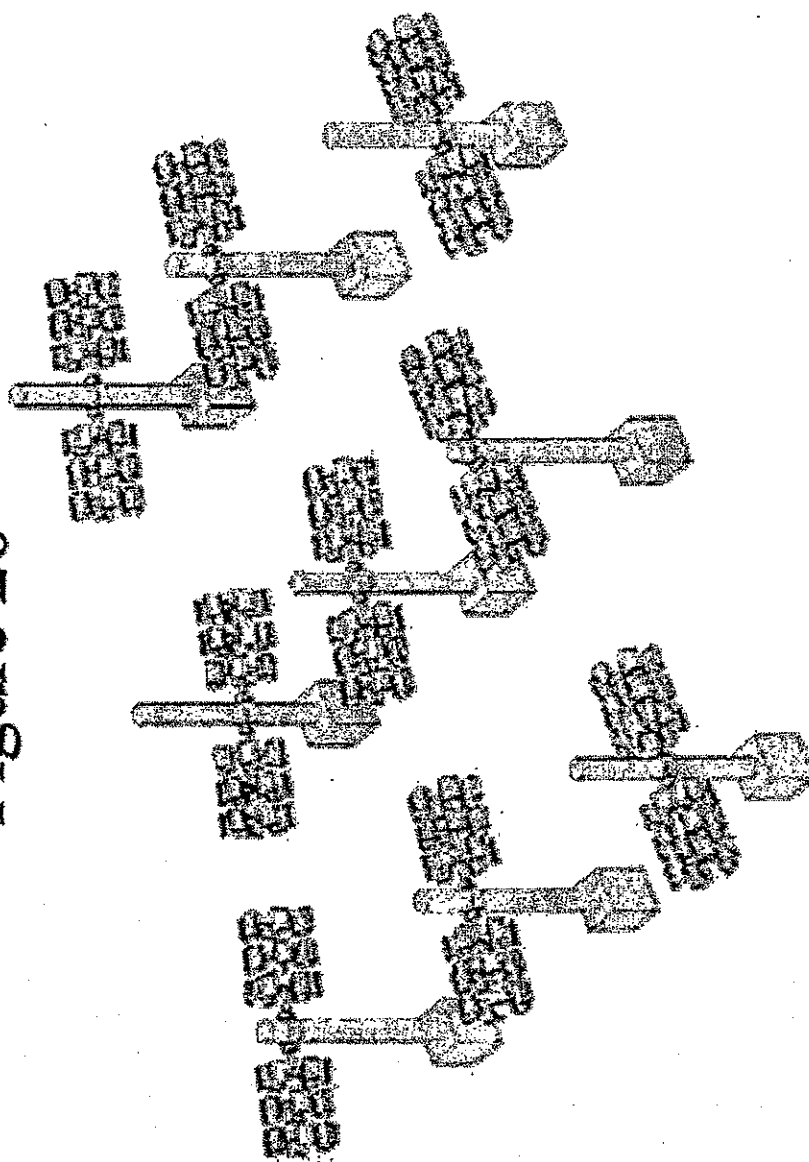
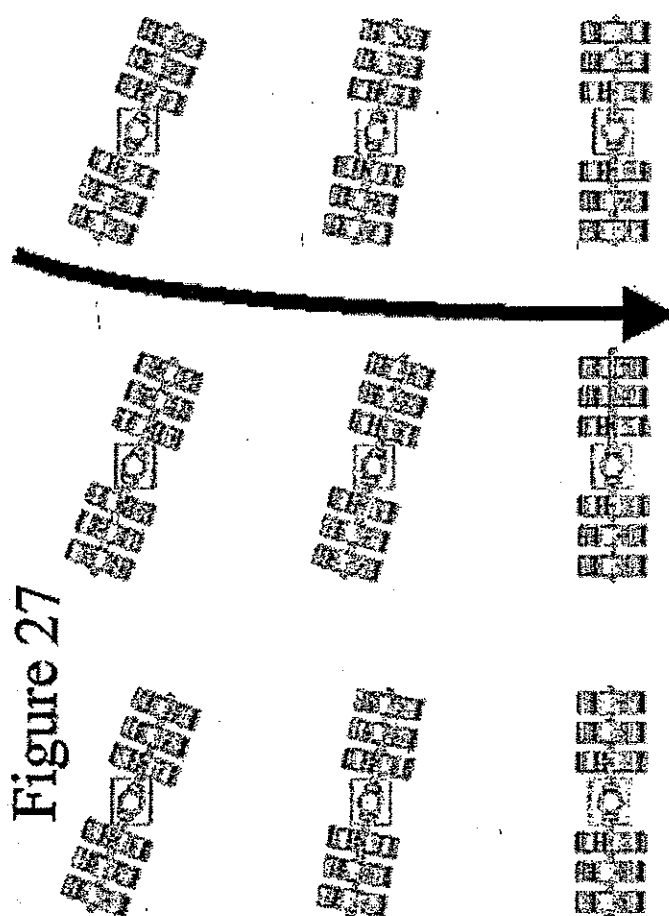


Figure 25 Energy losses from a hydro

Figure 26





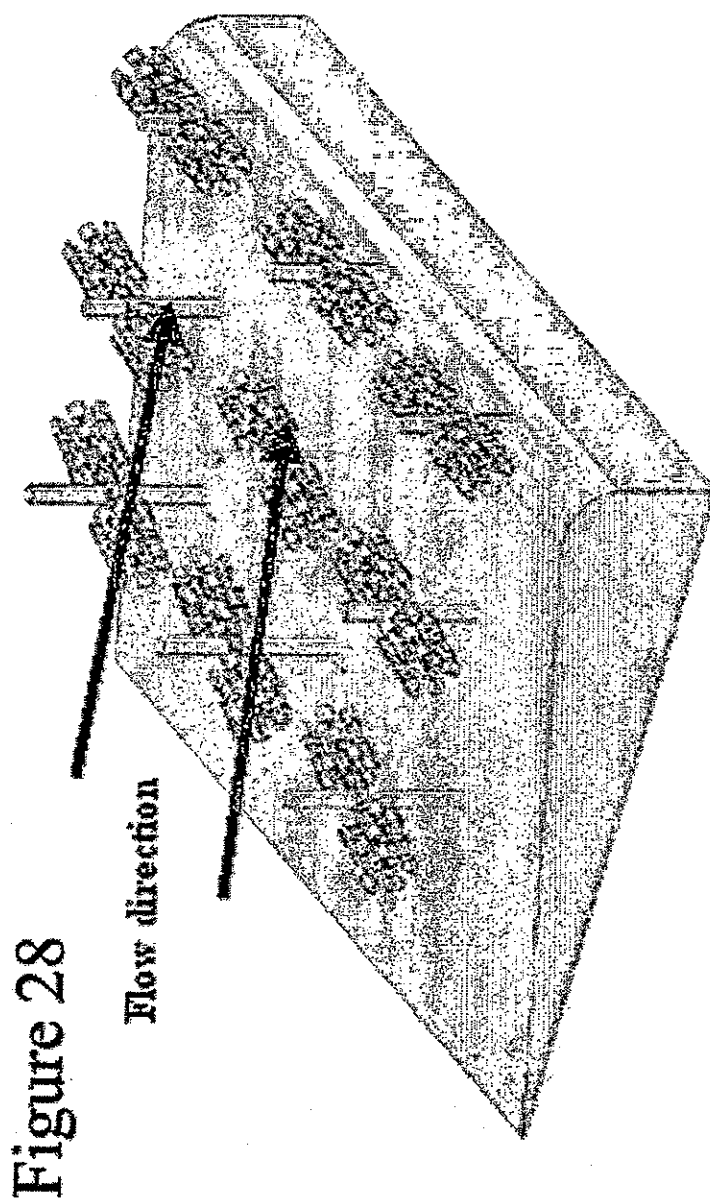
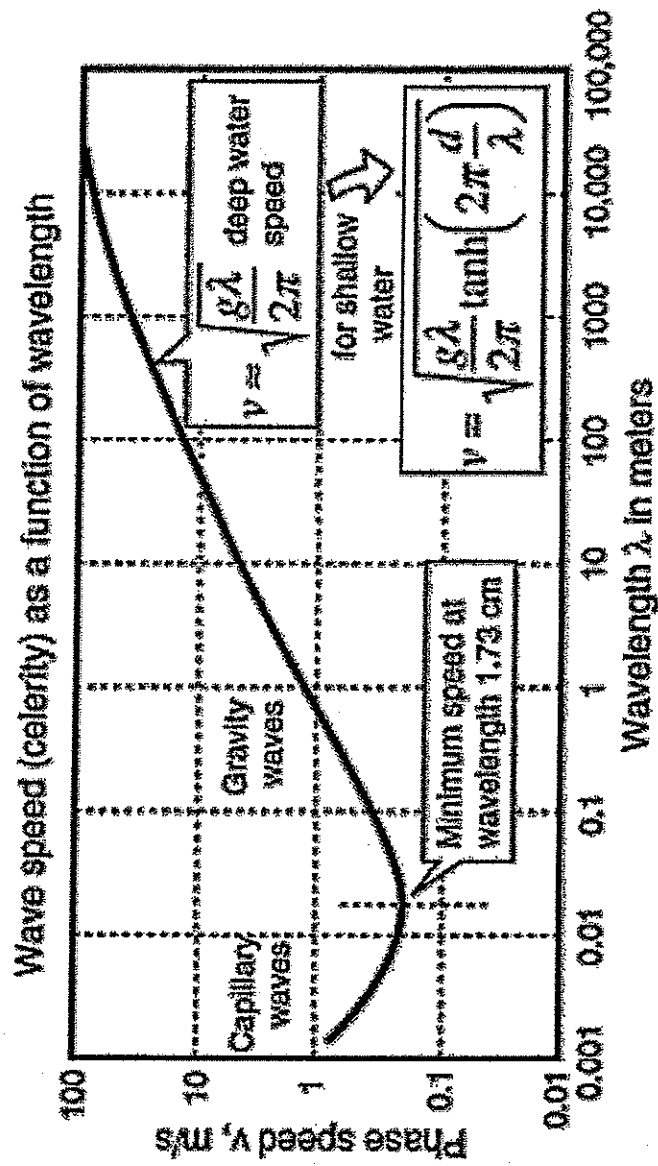


Figure 29



HyperPhysics (©C.R. Nave, 2006)

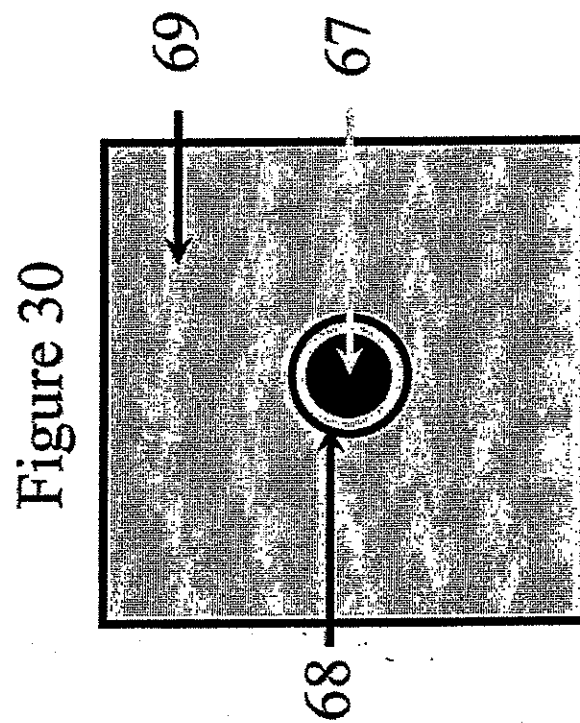


Figure 31

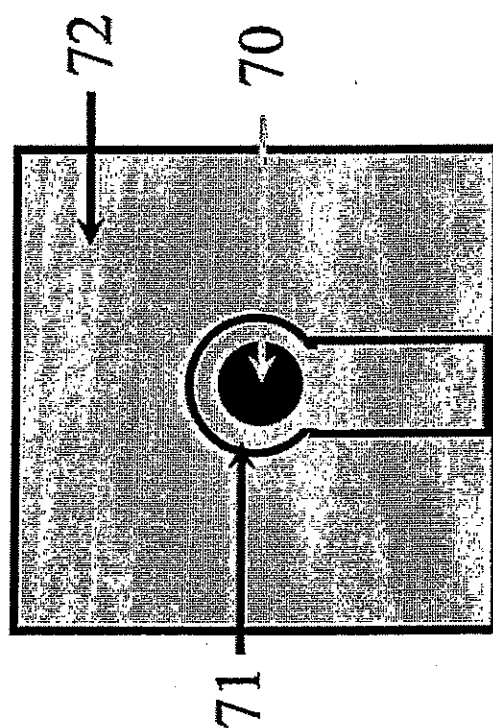


Figure 32

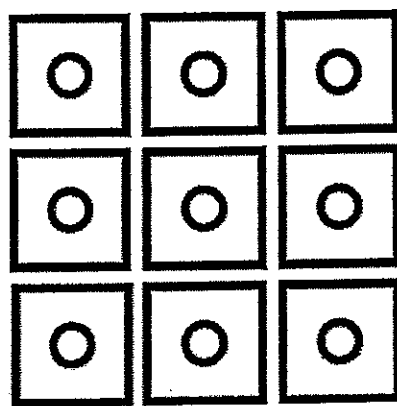


Figure 33

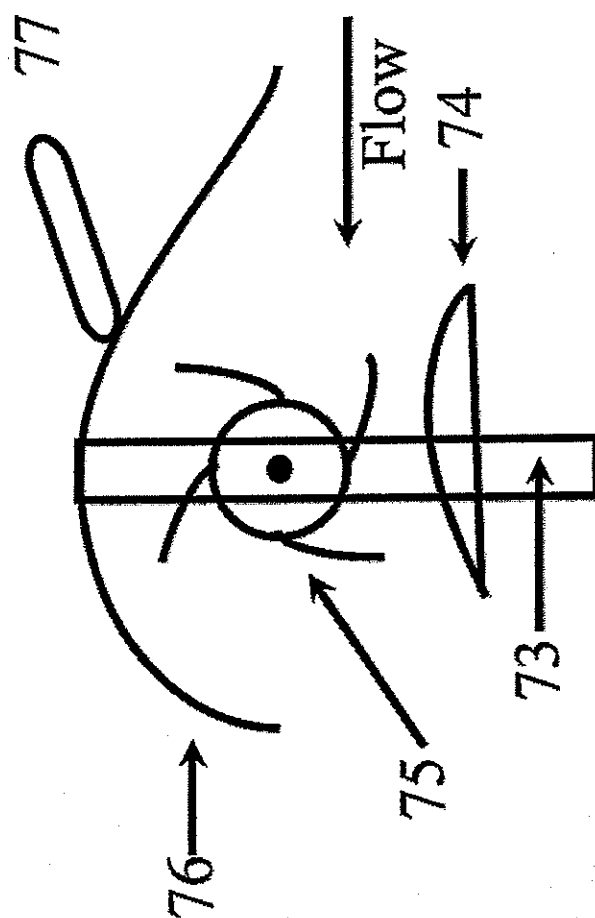


Figure 34

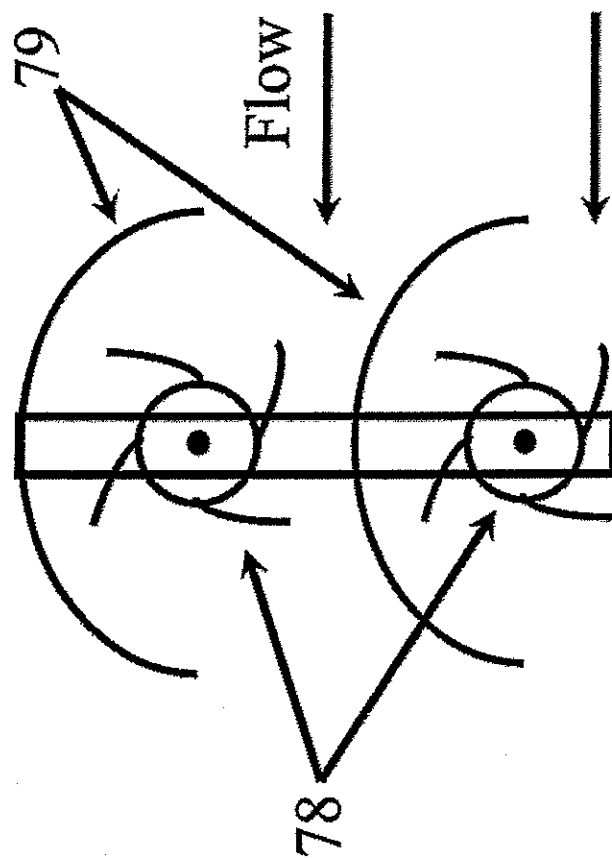


Figure 35

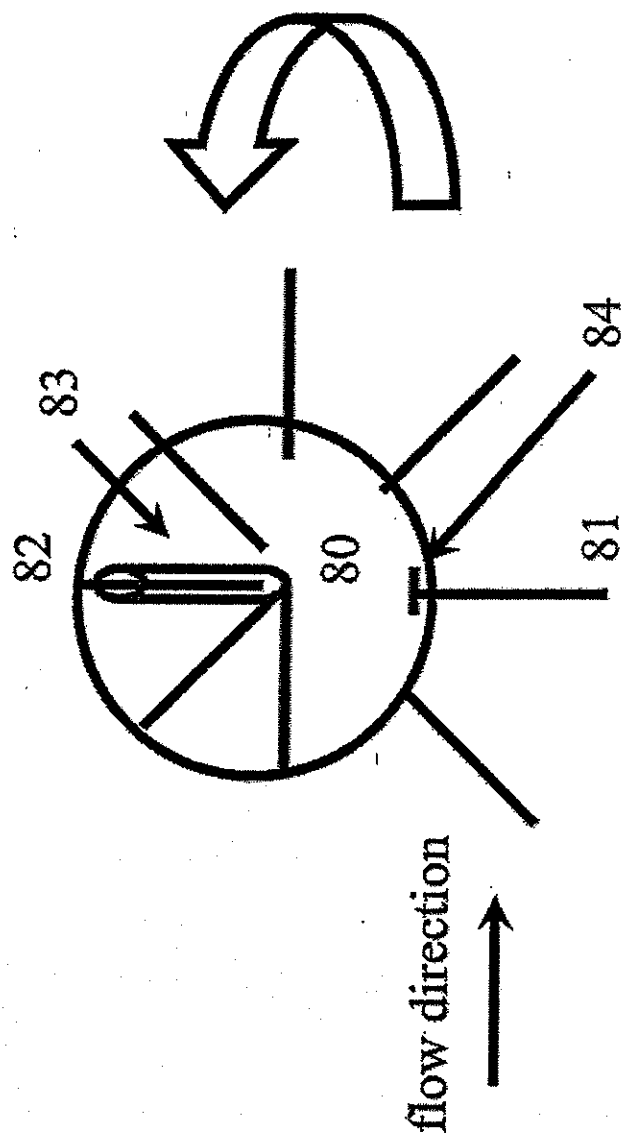


Figure 36 Rotating paddles and gravity

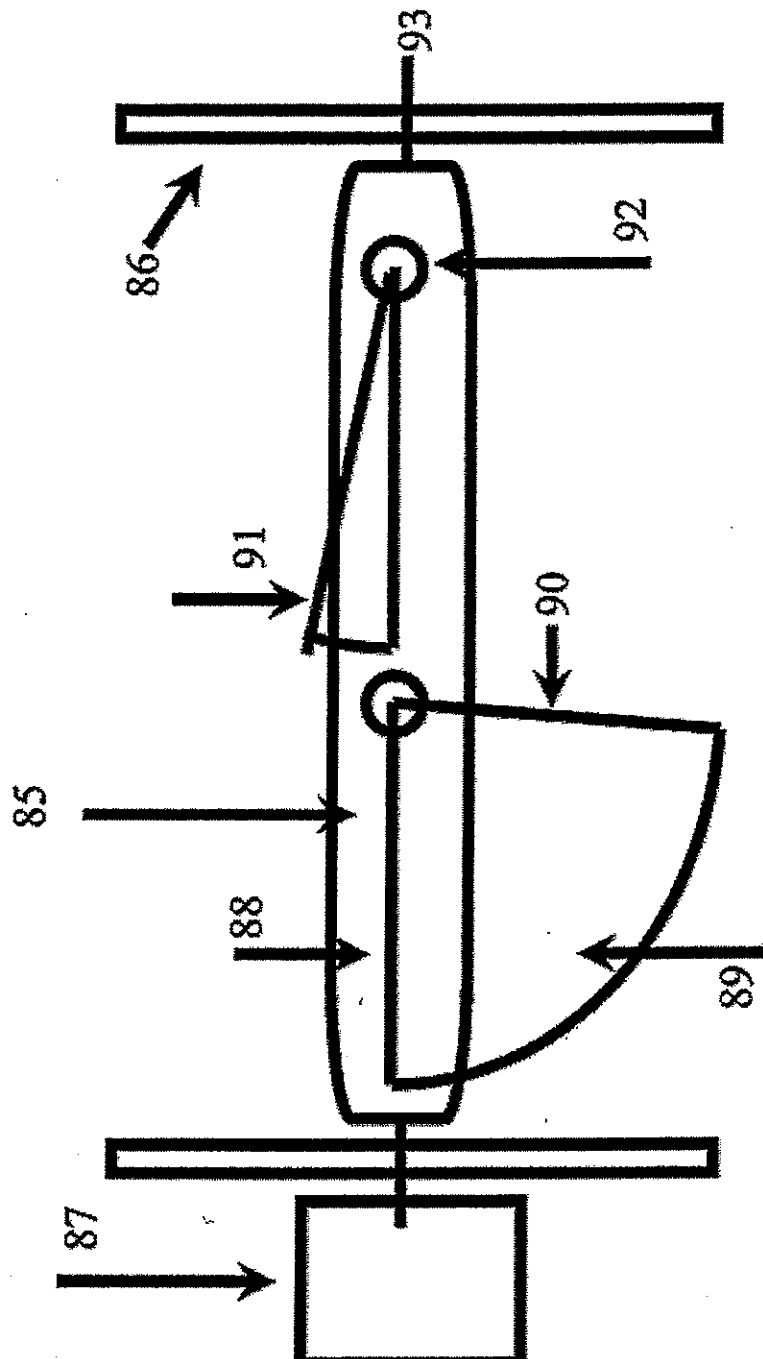


Figure 37

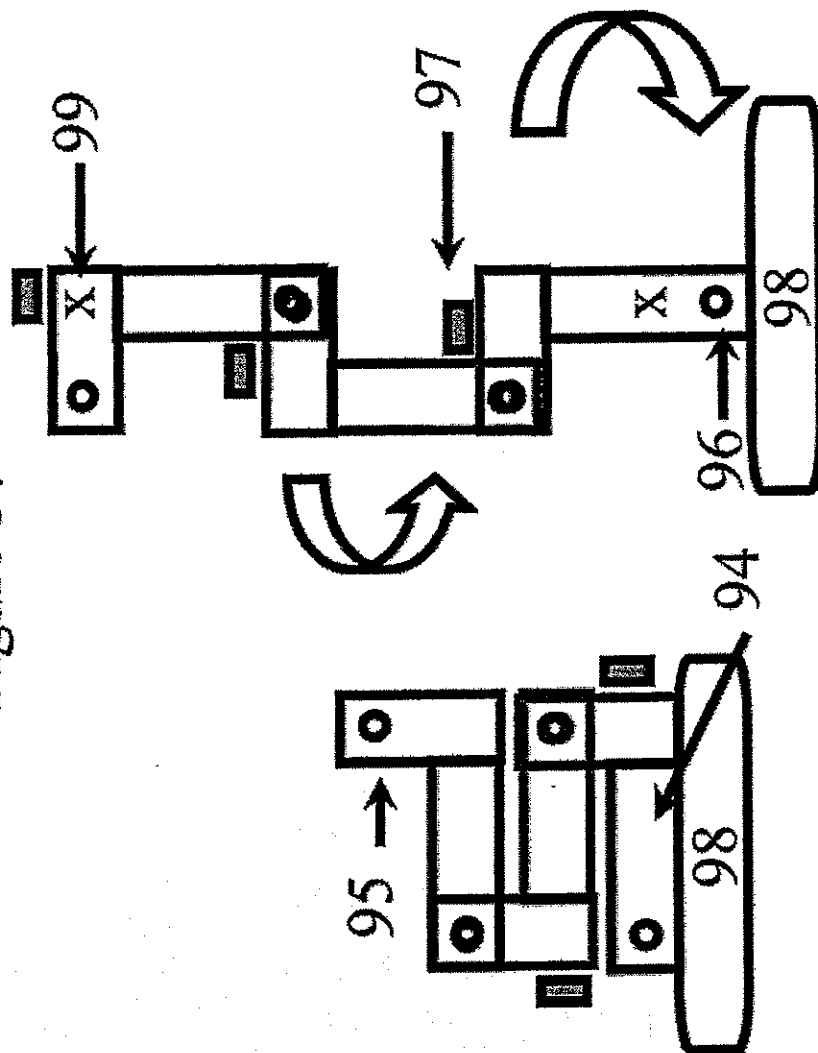
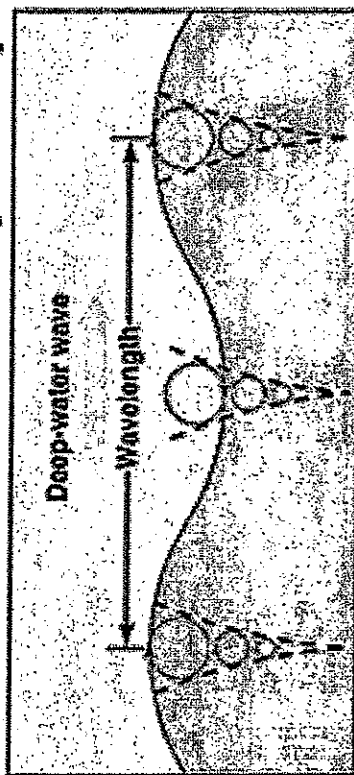
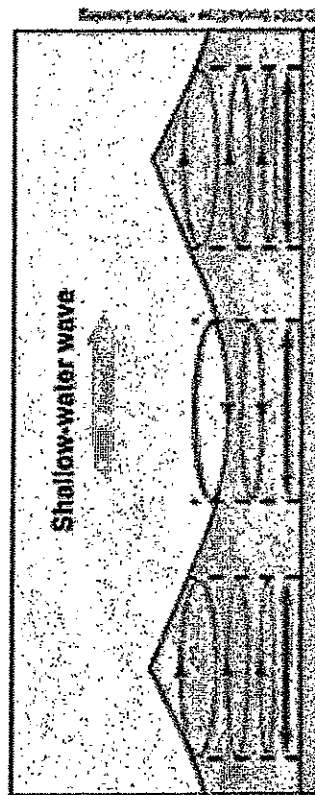


Figure 38 Water Orbits in Waves
<http://www4.ncsu.edu/eos/users/c/cknowledge/public/chapter10/part1.html>



a Depth $\geq \frac{1}{2}$ wavelength



b Depth $\leq \frac{1}{20}$ wavelength

Figure 39 Shallow Area Addition

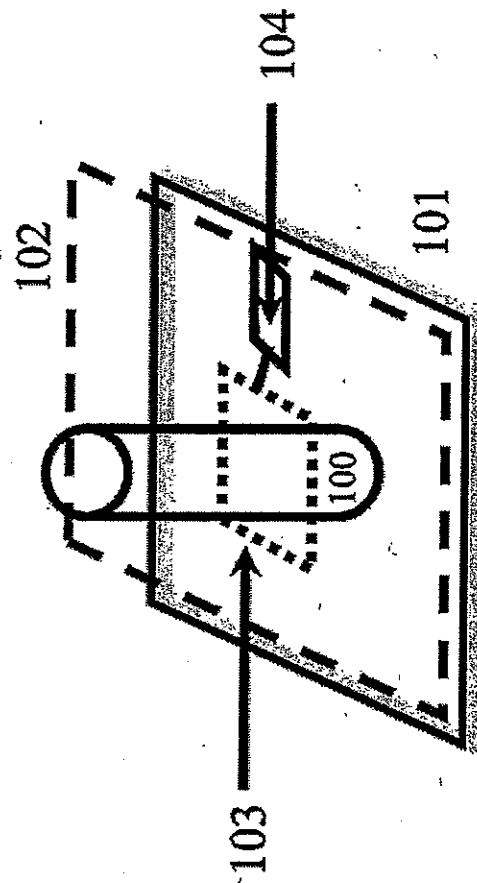
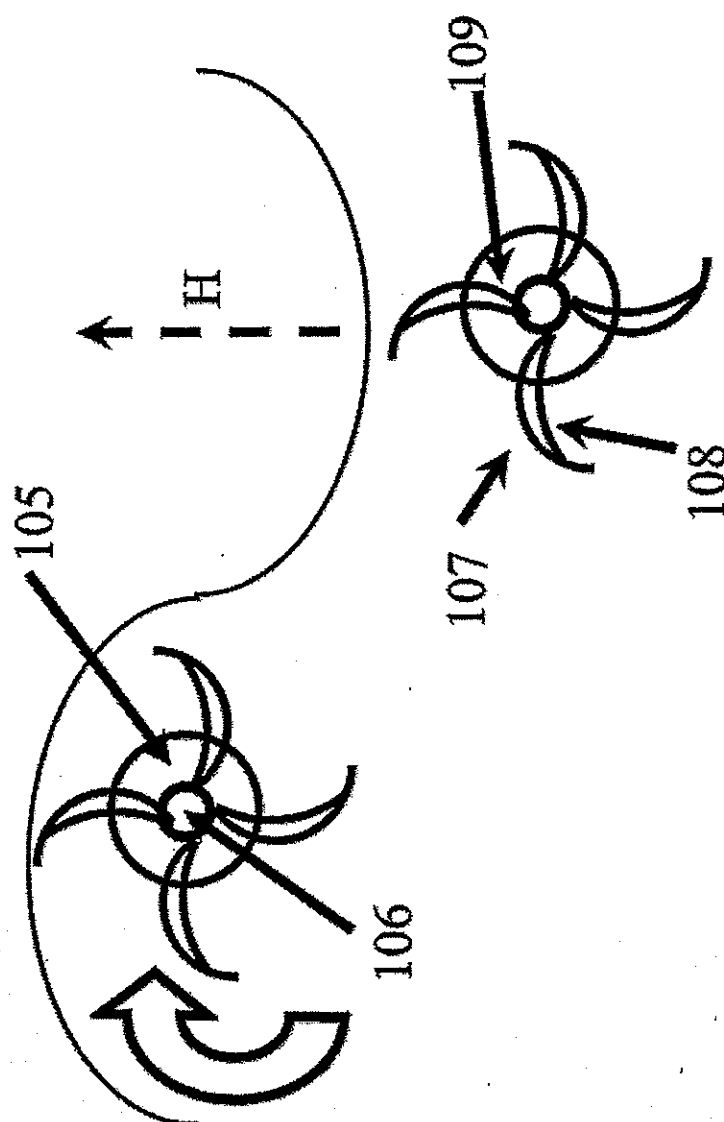


Figure 40 Turbine Just Below Surface



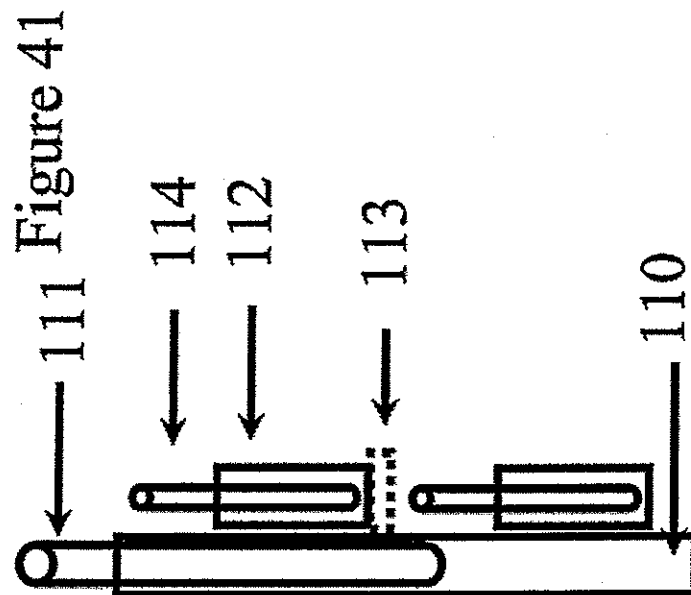
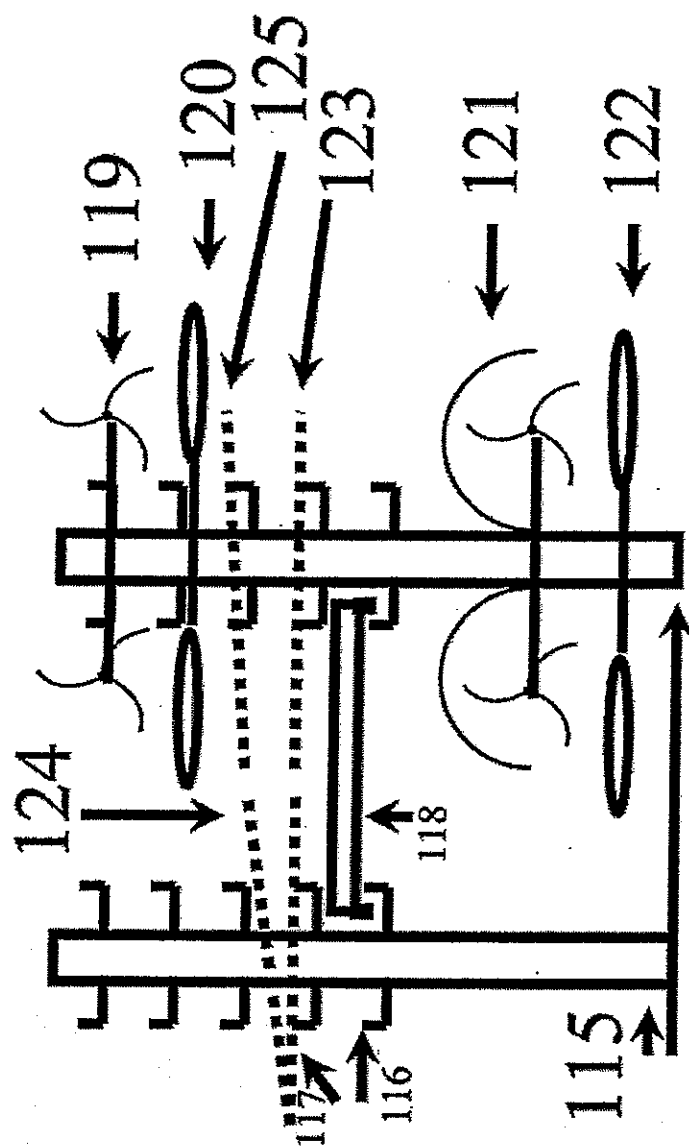
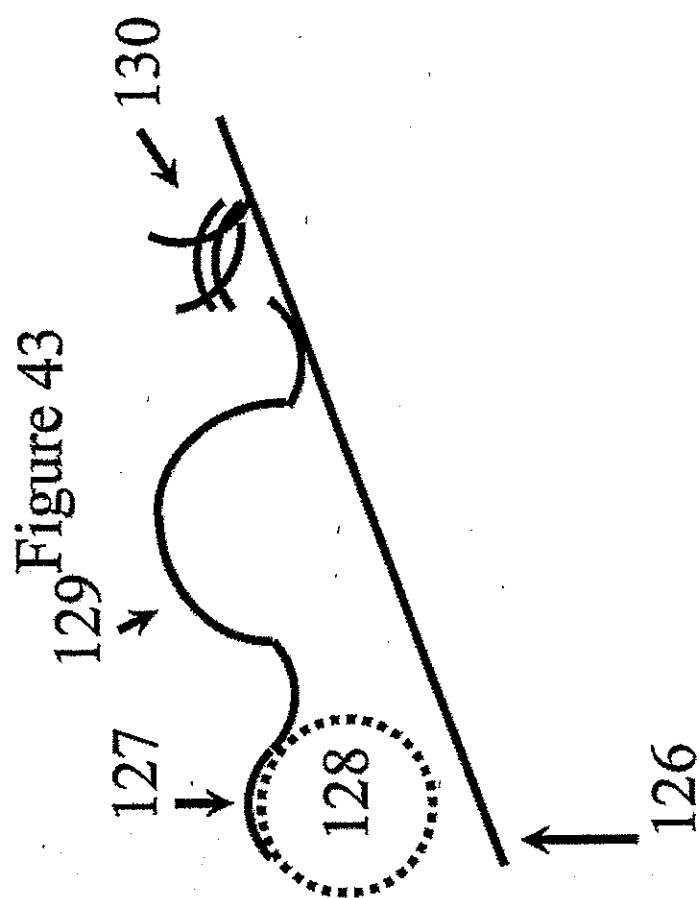


Figure 42





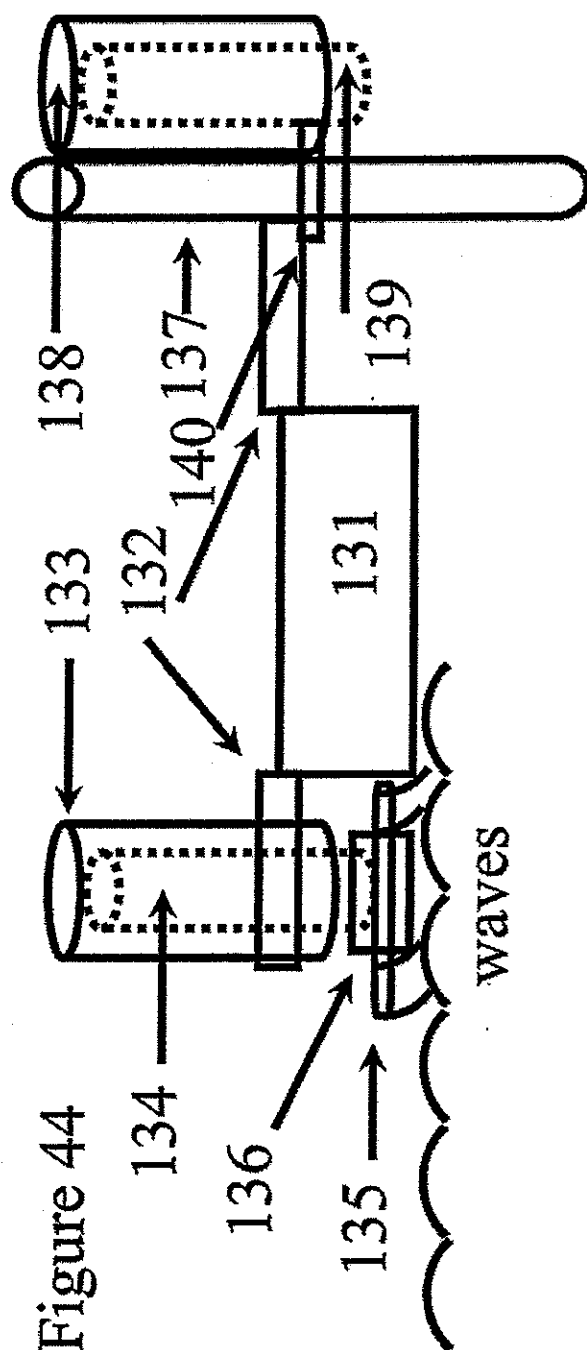


Figure 44

Figure 45 Unipile Wave Farm with Undertow Capture

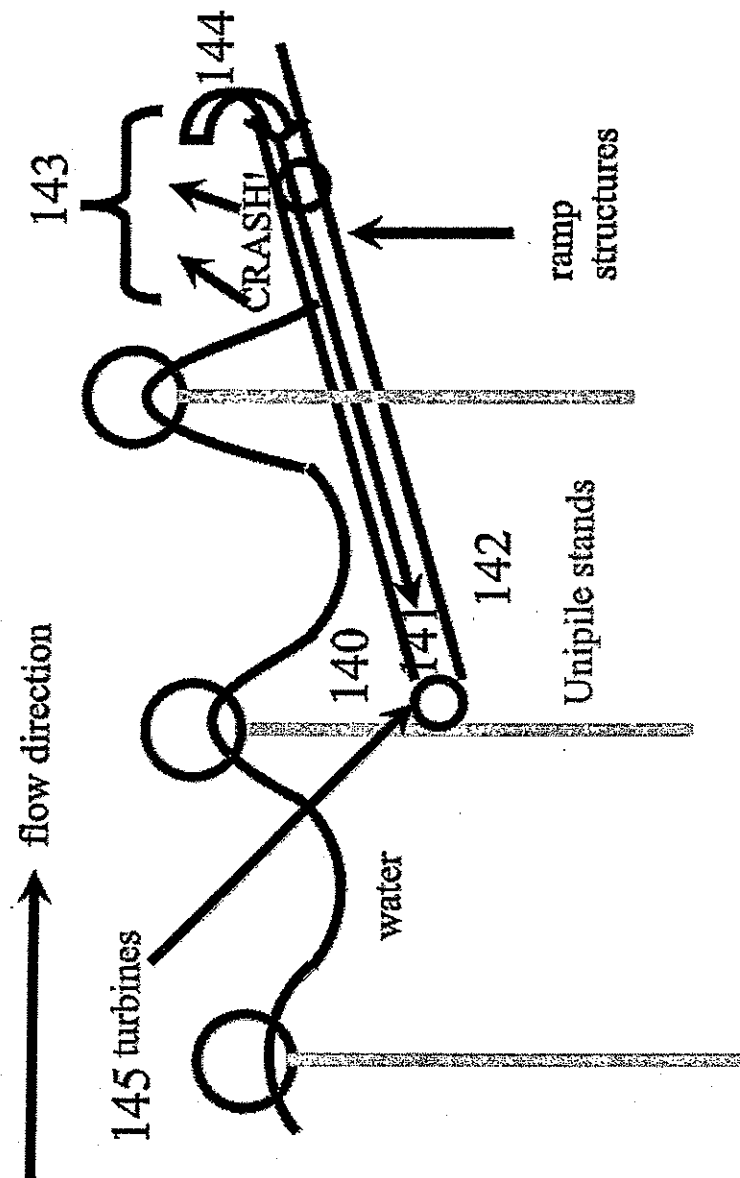
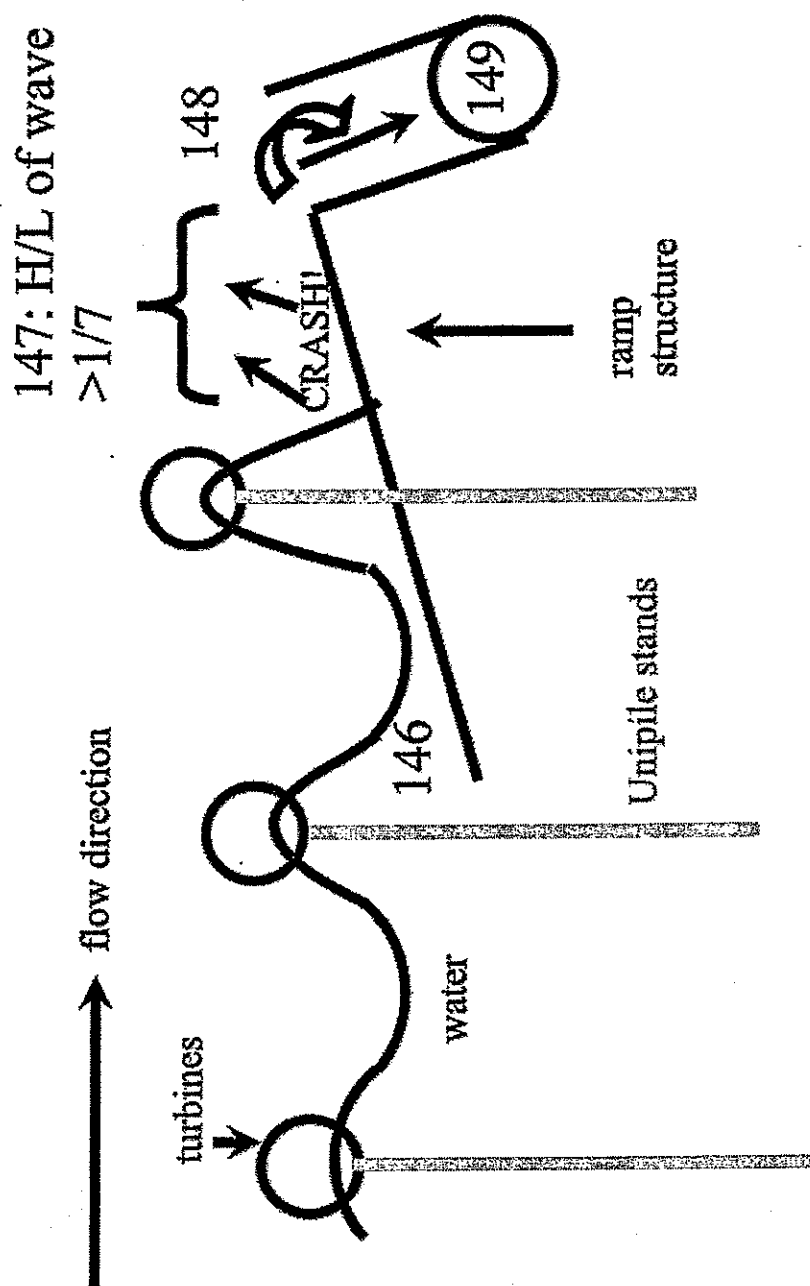


Figure 46 Unipile Wave Farm with End Drop



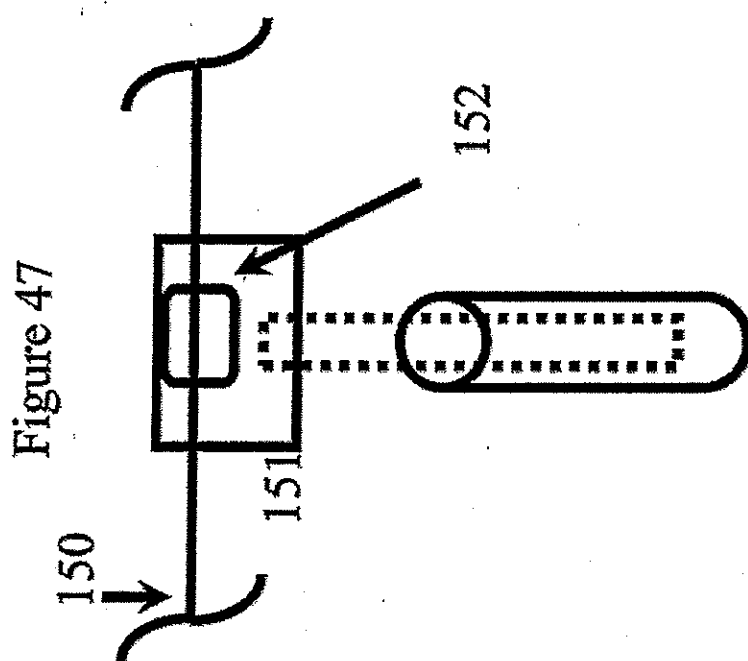


Figure 48
Buoys with Flow Deflection

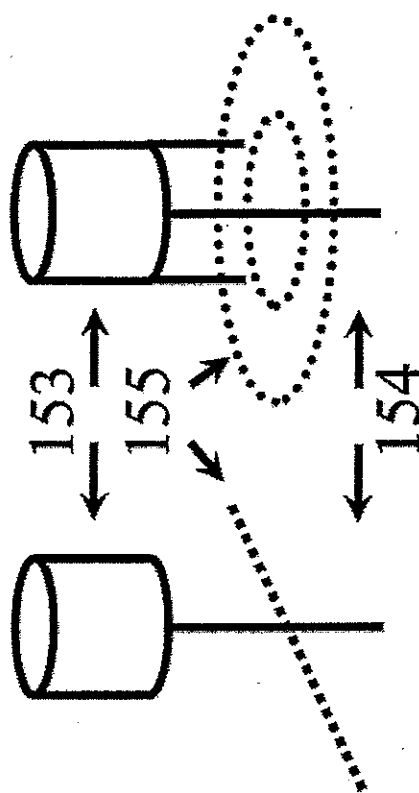


Figure 49
Buoys not fixed horizontally

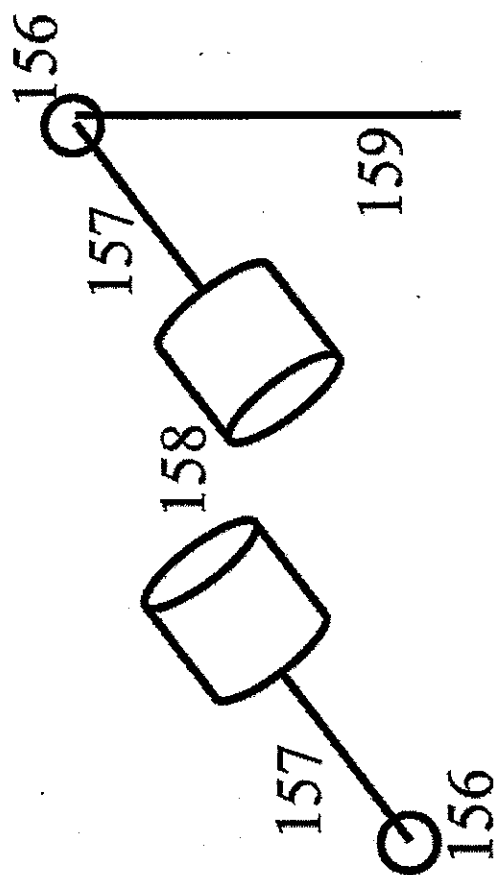


Figure 50
Ice barrier

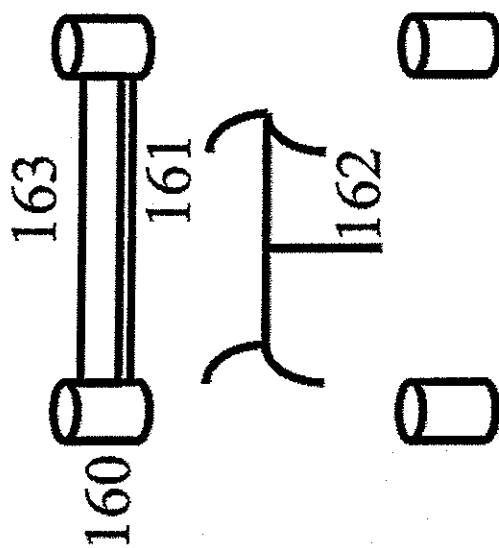


Figure 51 Ramp Structure

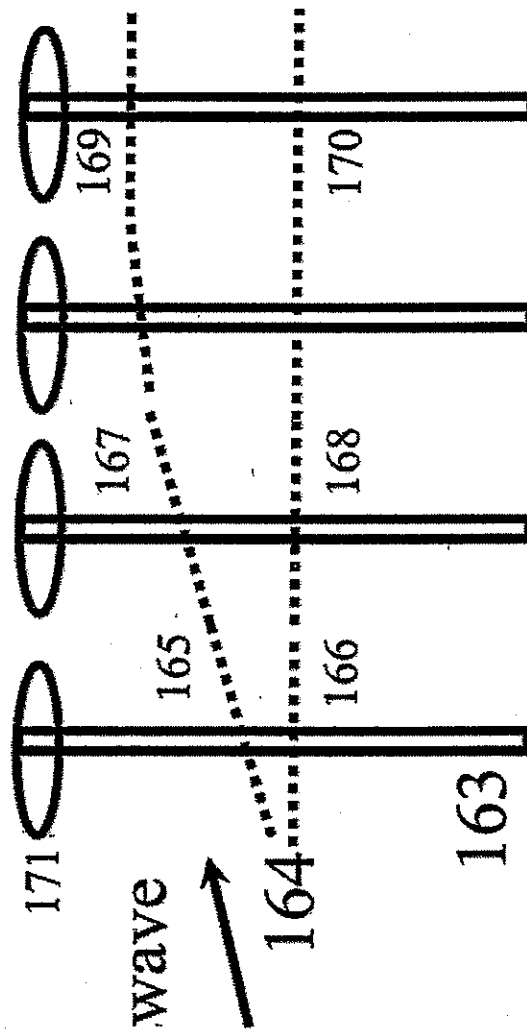
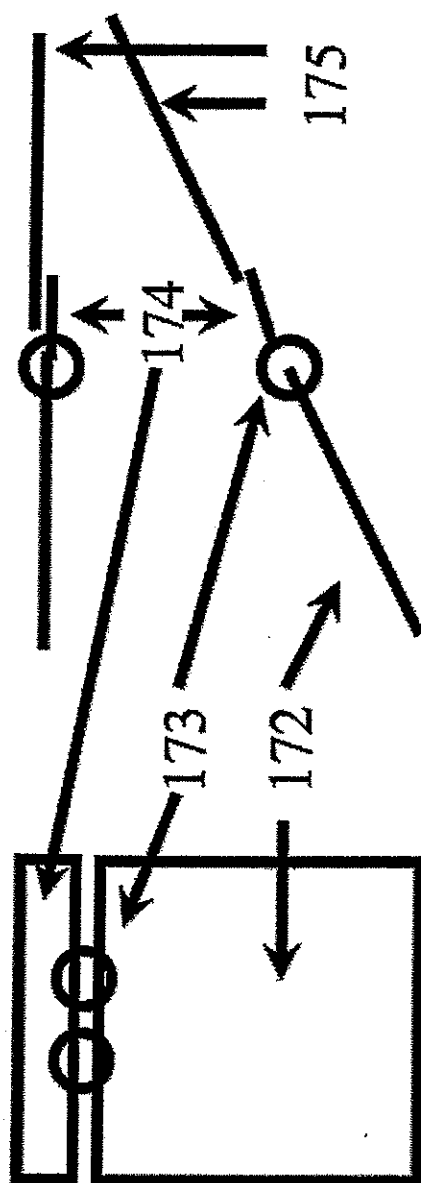
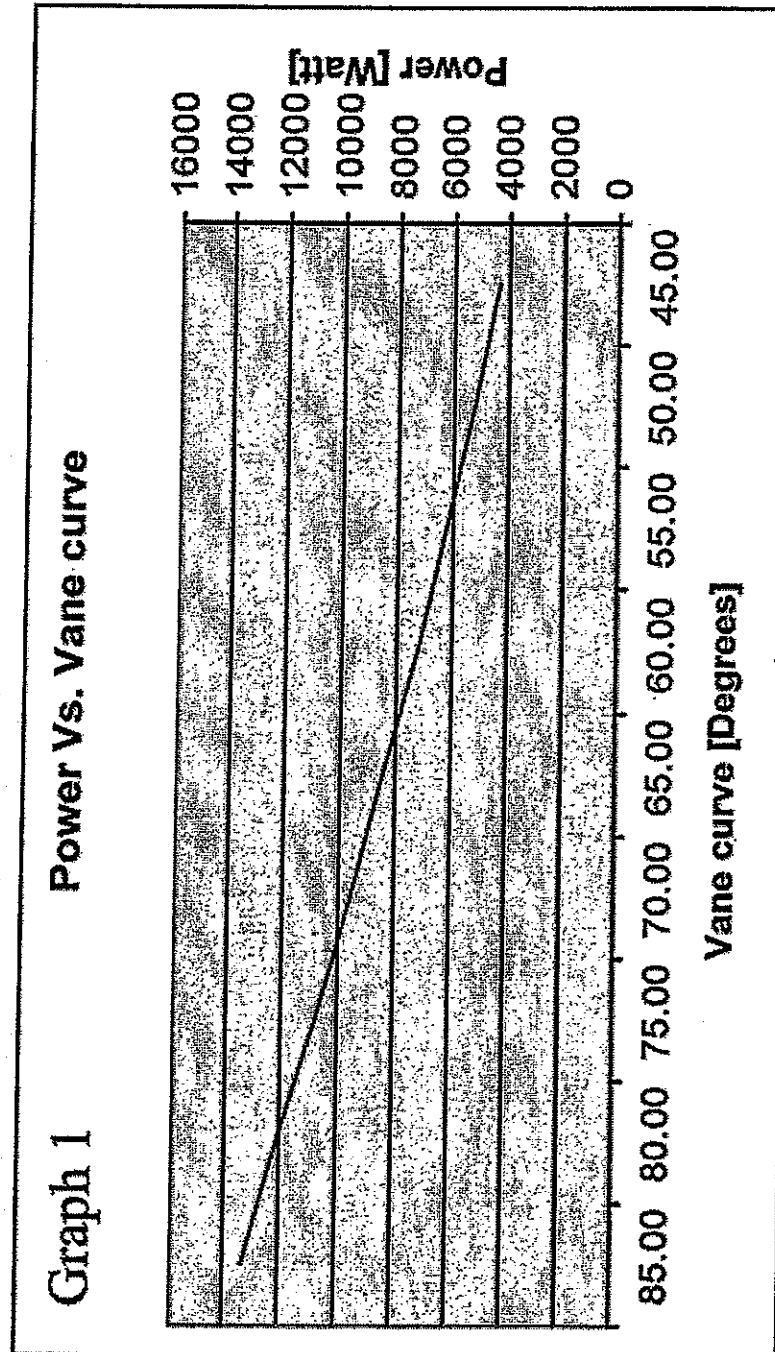
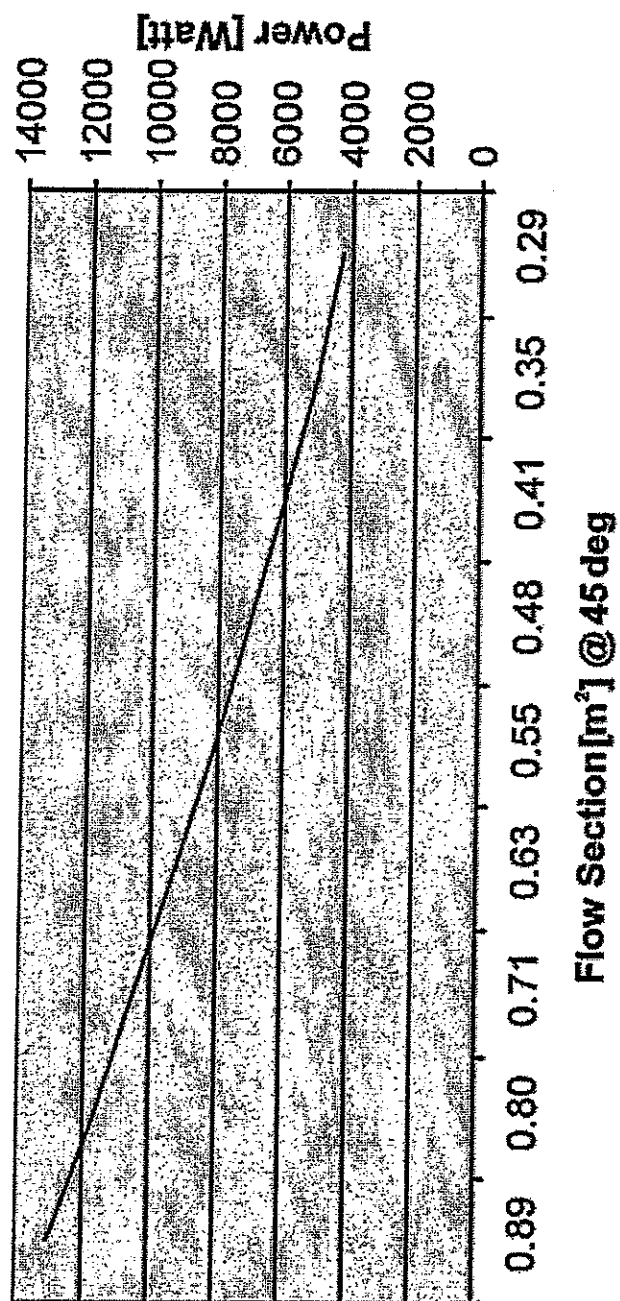


Figure 52



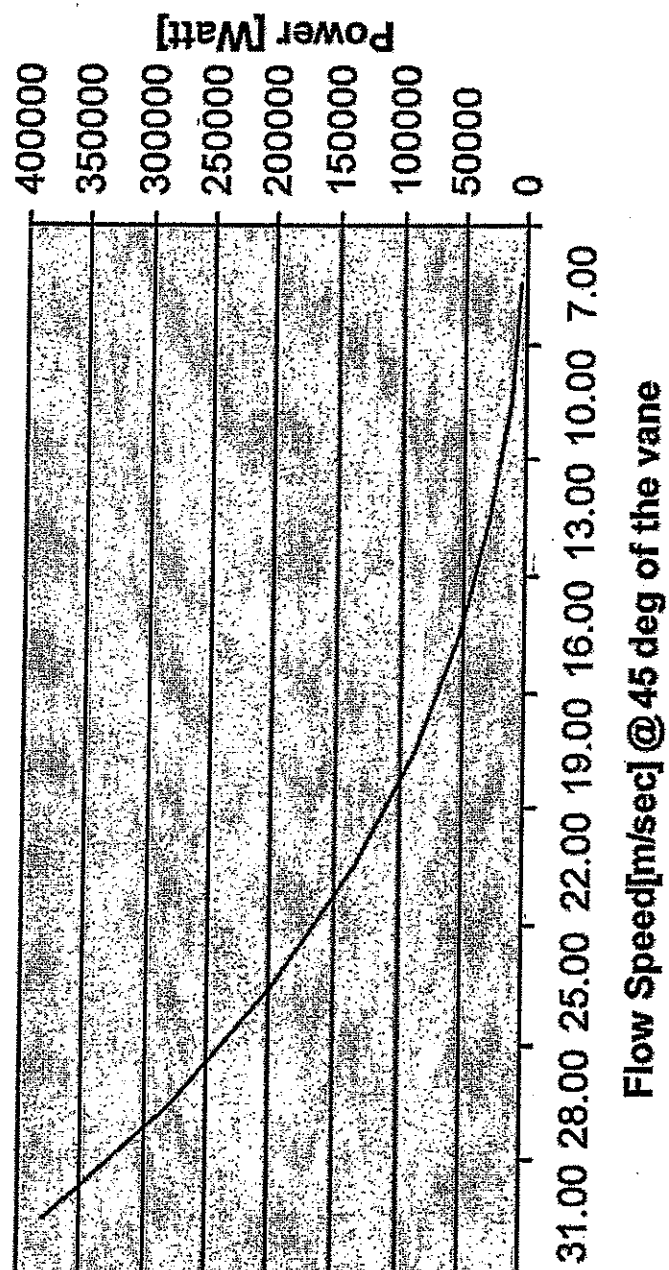


Graph 2 Power Vs. Flow Section



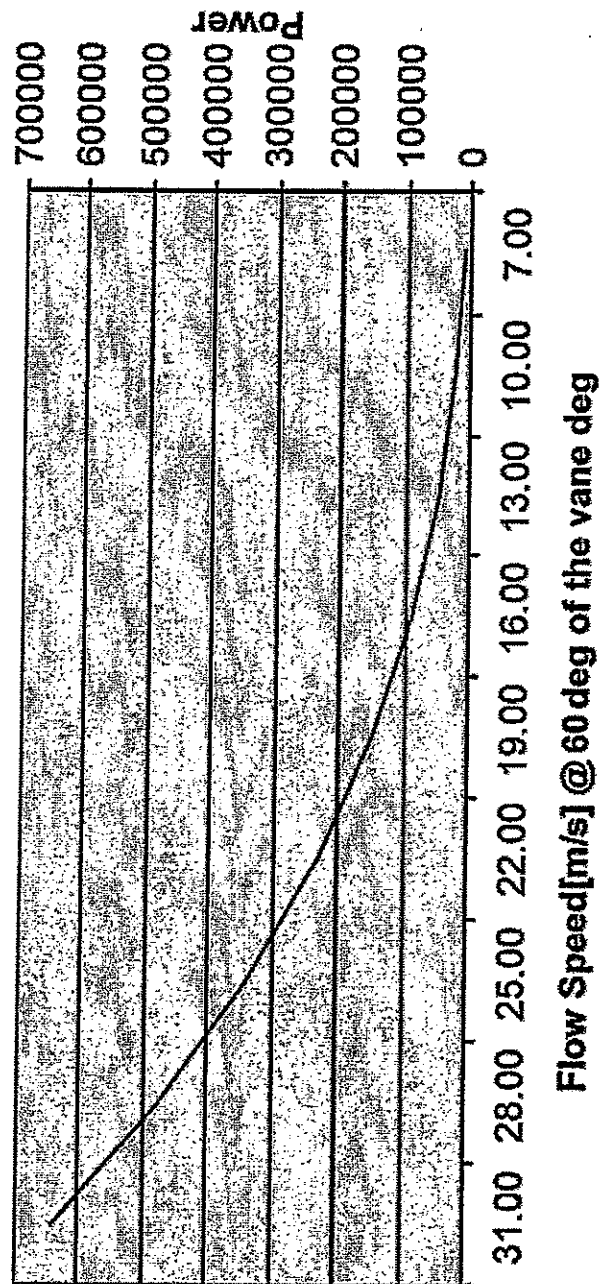
Graph 3

Power Vs. Flow Speed



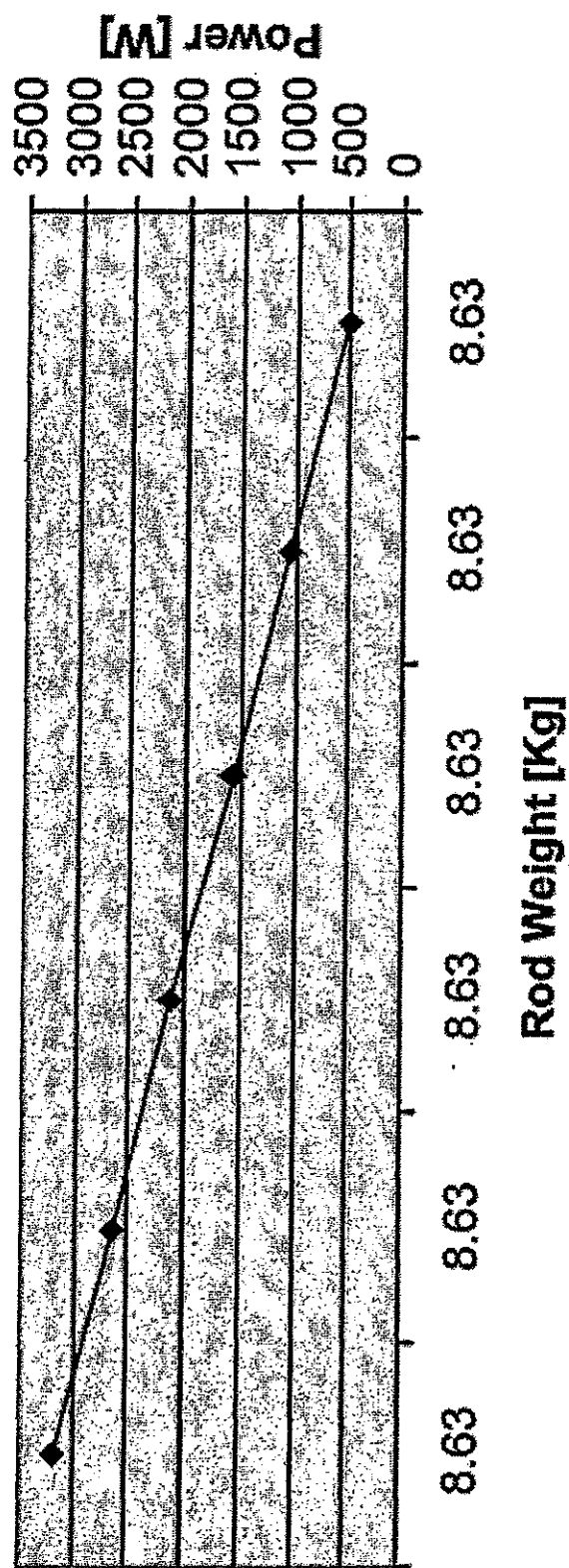
Flow Speed[m/sec] @45 deg of the vane

Graph 4
Power Vs. Flow Speed



Graph 5

Power Vs. Rod Weight



Graph 6 Power Vs. Wave Height

