Abstract of the Invention
A MAGNETIC WATER PUMP

4) Six lengths of 1/2" Outside Diameter heavy wall plastic tubing. These tubes get connected at the top of the well and travel the full distance down along the outer surface of Part #2.

6) Center hub portion of the propeller, 2" OD with a center cavity 1-3/4" dia., 1-3/4" deep.

7) A 1-3/4" dia. by 1-3/4" long square aluminum permanent magnet, powerfully charged, located in the center hub. The magnet charging position is to have half of each pole on the top of the magnet extending to the bottom.

8) Are six numbers assigned to each blade.

9) Six 0.025" thick propeller blades all cast onto a center hub as a single casting made of 80% aluminum, 10% magnesium, 10% Manganese. These blades are mounted at a 42-degree angle forming a propeller dia. of 8-1/2 inches. The tip of each blade should be 1-3/8" from the closest point of the blade next to it. The blade ends are blunt edged measuring .225" square.

10) Three lengths of .032" thick clean copper oxidized steel wires. Each of these lengths gets wrapped around two blades. To explain, the first wire is firmly secured to part #11 then this wire goes around blade #1 with seven wraps spaced as shown on figure 1. After blade #1, it is wrapped the same wire crosses over the center of the magnet and arrives at blade #4. At this point, the wrapping continues for blade four in reverse as shown. Blade four has the same number of wraps and is then firmly secured to copper clip Part #11. Next, the other two lengths of wire are wrapped in like manner. Note that the wires from blades #1, 2, and 3 cross the north half of the magnet. This establishes the magnet alignment when located in the hub.
PARTS LIST:
1) Standard length of metal well pipe, non-porous
2) Copper tube (length as needed) measuring 1/8" thick, 9" inside Diameter held into the center of Part #1

14) A star connection for the three wires that cross the magnet. These three wires all make contact TO EACH OTHER so they are firmly bonded directly to the center post of the magnet. An alternating magnetic current is pulsed to blades 1,2,3, the attract circuit is to the north half of the magnet, then returned to a center NEUTRAL POINT. Also, as blades 4,5,6 form an attract circuit for the incoming neutral magnetic current, the south half of the magnet completes the attract circuit, then returns to a neutral flow. Thus, the water becomes charged with two magnetic polarities which becomes the propeller's driving force.

16) Are 4 stainless steel tubes spaced into groups of two at 60 degrees apart. Each tube measures 1/2" long, 3/8" OD, 1/8" ID pressed into part #13 and #2.

17) Are four boro carbide electrodes marked A,B,C,D, that are pressed into Parts #16. These electrodes are 5/8" long, 1/8" dia, having a rounded contact surface facing inward. Thus electrode should be positioned as close as possible without actual contact.

19) Are six water spray jets secured to Part #2. These jets feed water through Part #4 to cause start-up rotation.
Abstract of the Invention
A MAGNETIC WATER PUMP

4) Six lengths of 1/2" Od Osram Diameter heavy wall plastic tubing. These tubes get connected at the top of the well and travel the full distance down along the outer surface of Part #2.

PARTS LIST:
1) Standard length of metal well pipe, non-porous

9) Are six water spray jets secured to Part #2. These spray jets feed water through Part #4 to cause start-up rotation.

3) Are two copper cables having a size #14 center copper wire. Each cable gets connected to 2 electrodes.

2) Copper tube (length as needed) measuring 1/8" thick, 6" inside diameter held into the center of Part #1.

10) A 1-3/4" dia. by 1-3/4" long iron/cobalt/niobiumonium permanent magnet, powerfully charged, located in the center hub. The magnet charging position is to have half of each pole on the top of the magnet extending to the bottom.

8) Center hub portion of the propeller, 2" OD with a center cavity 1-3/4" dia., 1-3/4" deep.

6) A Delrin flange bearing firmly secured to the shaft Part #5, measuring 1-1/8" ID, 1-3/8" OD, 2-1/8" long.

5) Shaft portion of the propeller 1-1/8" OD and 2-1/2" I.

3) Non-metal bottom ring with O-ring seals to firmly hold Parts #1 and #2 together.
13) Are three lengths of 0.02" thick clean copper coated steel wire. Each of these lengths goes wrapped around two blades. To explain, the first wire is firmly secured to part #1 then is wrapped around blade #1 with seven wraps spaced as shown on figure 1. After blade #1 is wrapped the same wire is crossed over the center of the magnet and arrives at blade #2. At this point, the wrapping motion for blade four is reversed as shown. Blade four has the same number of wraps and is then firmly secured to copper clip Part #11. Next, the other two lengths of wire are wrapped in the same manner. Note that the wires from blades 1,2, and 3 cross the north half of the magnet. This establishes the magnet alignment when located in the bush.

14) A wire connection for the three wires that cross the magnet. These three wires all make contact TO EACH OTHER as they are firmly bonded directly to the center post of the magnet. A neutral magnetic current is pulsed to blades 1, 2, 3, the attract circuit is to the north half of the magnet, then returned to a center NEUTRAL POINT. Also, as blades 4, 5, 6 form an attract circuit the incoming neutral magnetic current, the south half of the magnet completes the attract circuit, then returns to a neutral flow. Thus, the water becomes charged with TWO magnetic poles, which becomes the propeller's driving force.

11) Are six "U" shaped pieces of 1/2" thick copper clips. These clips are secured 1/2" from the end of each blade measuring 3/8" wide with the open end on the inner side. These clips serve as contacts and should be shaped on the outer surface to form a curved radius measuring 4-1/2 inches.

7) Three copper support bars secured to Part #2 and bolted to a hardened #400 series stainless steel support tube. This tube allows Part #6 to rotate inside.