

body substantially parallel to the flexible connection, and a reservoir for compressed fluid to which said conduits are connected, substantially as set forth. 17th. Means for utilizing the power of waves, comprising a plurality of floating structures flexibly connected to fixed bodies beneath the surface of the water, each floating structure including two parts constructed to be moved relatively to each other by the action of the waves, one of said parts being constructed to float upon the surface of the waves and having an inclined lower surface whereby it presents an upwardly inclined surface to the waves and the other of said parts being beneath said surface float and having an oppositely inclined surface whereby it presents a downwardly inclined surface to the waves, and each floating structure having a fluid compressing device constructed to be actuated by the relative movements of the parts of the floating structure, flexible conduits extending from each compressing device to the respective fixed body substantially parallel to the flexible connection, and a reservoir for compressed fluid to which said conduits are connected, substantially as set forth. 18th. Means for utilizing the power of waves, comprising a plurality of separately moored, independent floating structures, each provided with an air pump constructed to be actuated by the action of the waves upon the floating structure, and conduits from said air pumps to a common reservoir, and a pneumatic engine constructed to be actuated by the air pumped into said reservoir, substantially as set forth. 19th. Means for utilizing the power of waves, comprising a plurality of separately moored, independent floating structures, each provided with an air pump constructed to be actuated by the action of the waves upon the floating structure, and conduits from said air pumps to a common reservoir, a pneumatic engine constructed to be actuated by the air pumped into said reservoir, and a pressure regulator interposed between said reservoir and pneumatic engine, substantially as set forth. 20th. In a device for utilizing the power of waves, the combination with a primary air reservoir, and a pneumatic engine constructed to be actuated by the air in said reservoir, of a pressure regulator interposed between said reservoir and engine and comprising a secondary reservoir, a removable part constructed to be actuated by the pressure in said secondary reservoir and to resist said pressure, and a valve constructed to control the flow of air from the primary reservoir to the secondary reservoir and to be actuated by said movable part, substantially as set forth. 21st. Means for utilizing the power of waves, comprising a plurality of separately moored, independent floating structures, each provided with an air pump constructed to be actuated by the action of the waves upon the floating structure, and conduits from said air pumps to a common primary reservoir, a pneumatic engine constructed to be actuated by the air pumped into said reservoir, and a pressure regulator interposed between said reservoir and engine and comprising a secondary reservoir, a movable part constructed to be actuated by the pressure in said secondary reservoir and to resist said pressure, and a valve constructed to control the flow of air from the primary reservoir to the secondary reservoir and to be actuated by said moving part, substantially as set forth. 22nd. A floating structure for utilizing the power of waves, having two parts constructed to be moved relatively to each other by the action of the waves, one of said parts being constructed to float upon the surface of the water and having an inclined lower surface, whereby it presents an upwardly inclined surface to the waves, and the other of said parts having an oppositely inclined surface, whereby it presents a downwardly inclined surface to the waves, and power utilizing means connected to said movable parts, substantially as set forth. 23rd. A floating structure for utilizing the power of waves, having two parts constructed to be moved relatively to each other by the action of the waves, one of said parts being constructed to float upon the surface of the water and having an inclined lower surface whereby it presents an upwardly inclined surface to the waves, and the other of said parts having an oppositely inclined surface whereby it presents a downwardly inclined surface to the waves, and a power utilizing means connected to said movable parts, substantially as set forth. 24th. A floating structure for utilizing the power of waves having two parts constructed to be moved relatively to each other by the action of the waves, one of said parts being constructed to float upon the surface of the water and having an inclined lower surface whereby it presents an upwardly inclined surface to the waves, and the other of said parts having one or more upwardly yielding portions constructed to be submerged a considerable distance below the surface of the waves and having an inclined surface constructed to present a downwardly inclined surface to the waves, and power utilizing means connected to said movable parts, substantially as set forth. 25. A floating structure for utilizing the power of waves having two parts constructed to be moved relatively to each other by the action of the waves, one of said parts being constructed to float upon the surface of the water and the other of said parts having one or more upwardly yielding portions constructed to be submerged a considerable distance below the surface of the waves and having an inclined surface constructed to present a downwardly inclined surface to the waves, and power utilizing means connected to said movable parts, substantially as set forth. 26th. A floating structure for utilizing the power of waves having two parts constructed to be moved relatively to each other by the action of the waves, one of said parts being constructed to float on the surface of the water and having an inclined lower surface whereby it presents an upwardly inclined

surface to the waves and the other of said parts having one or more upwardly yielding portions constructed to be submerged a considerable distance below the surface of the water, and having an inclined surface constructed to present a downwardly inclined surface to the waves, and power utilizing means connected to said movable parts, substantially as set forth. 27th. A floating structure for utilizing the power of waves having two parts constructed to be moved relatively to each other by the action of the waves, one of said parts being constructed to float upon the surface of the water and having a substantially conical lower surface and the other of said parts having a substantially conical upper surface beneath said surface float, and power utilizing means connected to said movable parts, substantially as set forth. 28. A floating structure for utilizing the power of waves having two parts constructed to be moved relatively to each other by the action of the waves, one of said parts being constructed to float upon the surface of the water and having a substantially conical lower surface and the other of said parts having a resistance table constructed to be submerged a considerable distance below the surface of the waves, and an air pump constructed to be actuated by the relative movement of such parts, substantially as set forth. 29th. A floating structure for utilizing the power of waves having two parts constructed to be moved relatively to each other by the action of the waves, one of said parts being constructed to float upon the surface of the water and the other of said parts having a substantially conical upper surface beneath said surface float, and power utilizing means connected to said movable parts, substantially as set forth. 30th. A floating structure for utilizing the power of waves having two parts constructed to be moved relatively to each other by the action of the waves, one of said parts being constructed to float upon the surface of the water, and having a substantially conical lower surface and the other of said parts having a substantially conical upper surface beneath said surface float and having a resistance table with one or more upwardly yielding portions constructed to be submerged a considerable distance below the surface of the waves, and power utilizing means connected to said movable parts, substantially as set forth. 31st. A floating structure for utilizing the power of waves, comprising a surface float and a part constructed to extend below the surface of the water, and an air compressing device actuated by the relative movements of such parts and comprising a cylinder on one of such parts, a piston on the other of such parts, the piston being smaller than the bore of the cylinder, and a flexible envelope secured air tight to the piston and to the cylinder, an induction valve leading to the space within such envelope and a conduit leading out from such space, substantially as set forth. 32nd. A floating structure for utilizing the power of waves, having two parts constructed to be moved relatively to each other by the action of the waves, one of said parts being constructed to float upon the surface of the water and having a substantially conical lower surface and the other of said parts having a pontoon with a substantially conical upper surface beneath said surface float, a downwardly extending funnel shaped part beneath said pontoon, and a resistance table with one or more upwardly yielding portions beneath said funnel shaped part, and power utilizing means connected to said movable parts, substantially as set forth. 33rd. In a floating structure for utilizing the power of waves, the combination with a part constructed to extend below the surface of the water and having guide rods extending upwardly and a cylinder 12 at the upper end thereof, of a float sliding upon said guide rods, a rod 19 extending upwardly therefrom into said cylinder, the piston 20, the flexible envelope 21, the induction valve leading into the space within said envelope and a conduit leading out therefrom, and having an eduction valve therein, substantially as set forth. 34th. In a floating structure for utilizing the power of waves, the combination with a part constructed to extend below the surface of the water and having guide rods extending upwardly and a cylinder 12 at the upper end thereof, and having the pontoon 10 and the funnel shaped parts 14, and rods extending downwardly therefrom and the resistance table 16 having leaves 17, of a float sliding upon said guide rods, a rod 19 extending upwardly therefrom into said cylinder, the piston 20, the flexible envelope 21, an induction valve leading into the space within said envelope and a conduit leading out therefrom, and having an eduction valve therein, substantially as set forth. 35th. In a floating structure for utilizing the power of waves, the combination of the pontoon 10, guide rods extending upwardly therefrom, the cylinder 12 at the upper end of the guide rods, the funnel shaped part 14, rods extending downwardly therefrom, the resistance table 16, having leaves 17, means for mooring said structure connected thereto below the resistance table, the float 18, the rod 19 extending upwardly therefrom into the cylinder, the piston 20, the flexible envelope 21, an induction valve leading into the space within said envelope and a conduit leading out therefrom, and having an eduction valve therein, said conduit extending downwardly into proximity to the point of mooring, substantially as set forth. 36th. Means for utilizing the power of waves, comprising a plurality of separately moored independent floating structures, each provided with a fluid compressing device constructed to be actuated by the action of the waves upon the floating structure and conduits from said fluid compressing device to a reservoir for compressed fluid, an engine constructed to be actuated by said compressed fluid and a pressure regulator interposed between said reservoir and engine, substantially as set forth. 37th. In a device for utilizing the power of waves, the combination with a primary reservoir for compressed fluid and an engine