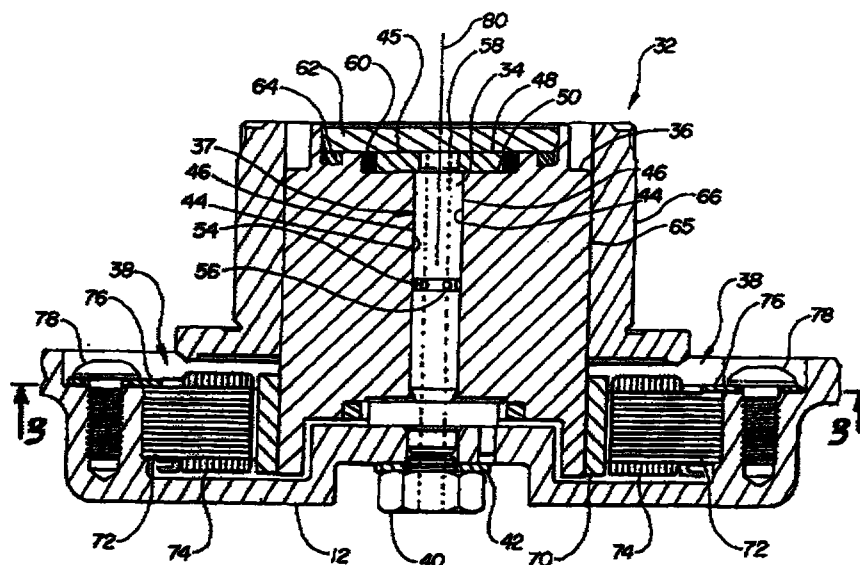


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(54) Title: DISC DRIVE SPINDLE MOTOR HAVING HYDRO BEARING WITH OPTIMIZED LUBRICANT VISCOSITY**(57) Abstract**

A disc drive (10) includes a housing (12), a central axis (80), a stationary member (34) fixed to the housing and coaxial with the central axis, and a rotatable member (36) rotatable about the central axis with respect to the stationary member. A stator (38) is fixed to the housing. A rotor (70) is supported by the rotatable member and is magnetically coupled to the stator. A data storage disc (16) is attached to and is coaxial with the rotatable member. A hydro bearing (37) interconnects the stationary member and the rotatable member and includes a blend of base fluids (84). The base fluids are selected such that one has a viscosity that is greater than a desired viscosity for the drive, another has a viscosity that is less than the desired viscosity and the blend has a viscosity that is within a selected range of the desired viscosity.