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(54) Title: A HYDRAULIC SUSPENSION SYSTEM FOR LOWERING THE RIDE HEIGHT OF A VEHICLE

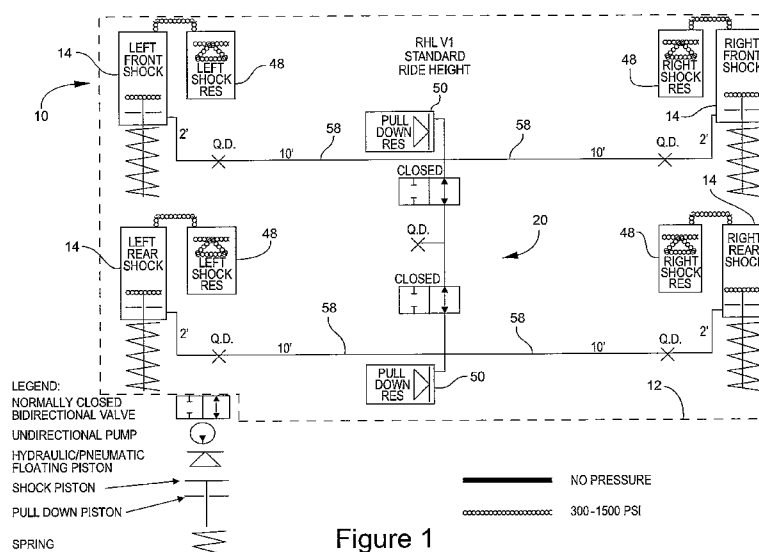


Figure 1

(57) Abstract: A hydraulic system for lowering the ride height of a vehicle includes at least one hydraulic shock mounted to the suspension of the vehicle. Each of the hydraulic shocks has a floating bearing in the hydraulic shock, and an inlet. The inlet is hydraulically connected to a central manifold that is adapted to move fluid into and out of the hydraulic shock for moving the floating bearing in each of the hydraulic shocks. When the floating bearing is moved in the hydraulic shock, the hydraulic shock shortens thereby lowering the ride height of the vehicle.