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(54) **Method and apparatus for two-step cam profile switching**

(57) A two-step roller finger follower (10) includes an elongate body (20). The first (38) and second side (36) member define first and second pin orifices (50,52), respectively. A center roller (26) is disposed between the side members. The center roller defines a shaft orifice (26b) therethrough. A shaft (30) extends through the shaft orifice. A first shaft (30a) end is disposed proximate the first side member, and the second shaft end (30b) is disposed proximate the second side member.

The second shaft end defines a shaft bore (82) therein. The first shaft end defines a pin chamber (84) therein. The shaft bore being is substantially concentric with and intersects the pin chamber. A locking pin assembly (22) is disposed partially within the shaft bore, the pin chamber and at least one of the pin orifices. The locking pin assembly has a first position wherein the shaft is decoupled from the body and a second position wherein the shaft is coupled to the body, and is switchable between the first and second positions.

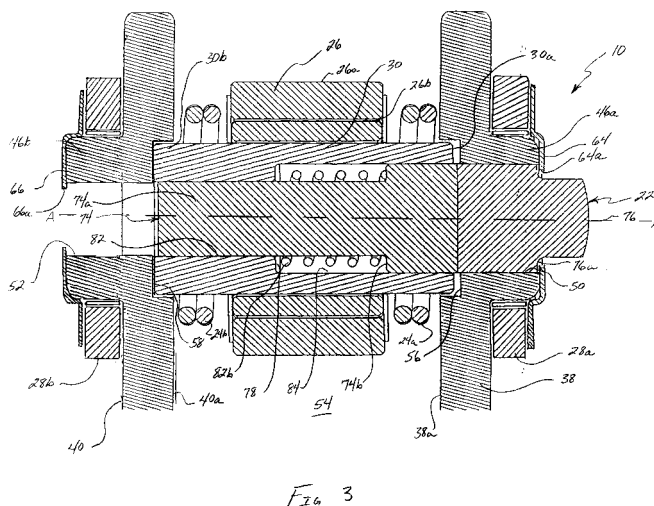


Fig. 3



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