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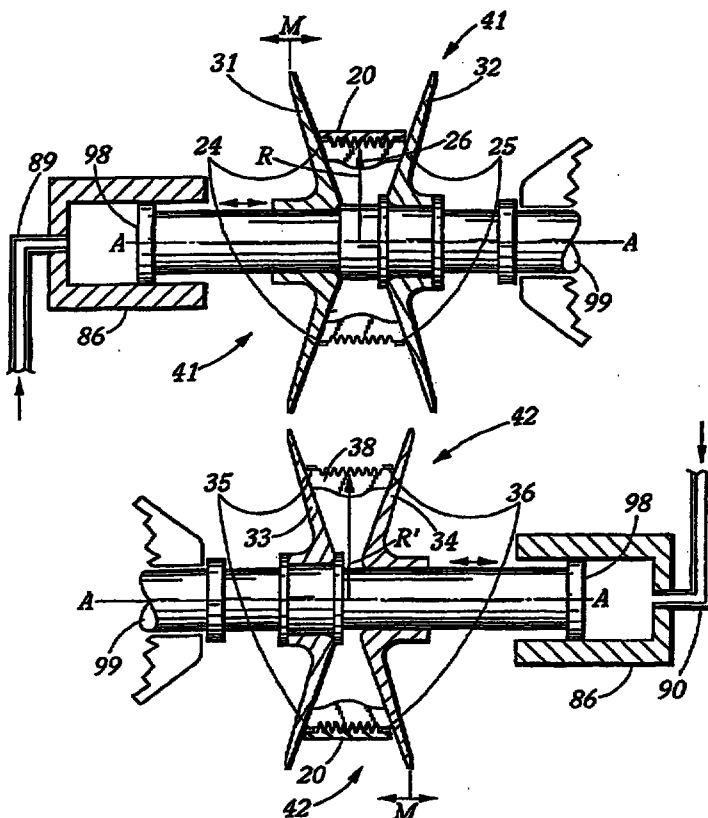
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(54) Title: CONTINUOUSLY VARIABLE TRANSMISSION PULLEY



(57) Abstract: The invention comprises a continuously variable transmission pulley. The pulley comprises at least one axially movable sheave section which is coaxial with a second sheave section. Each sheave section (31, 32, 33, 34) has a series of radial grooves (29, 30) which are axially and radially aligned. The radial grooves are arranged in pairs between each sheave section. The belt blocks (26) span between the sheave sections, each having opposing arcuate ends that slidably engaging a pair of grooves. The belt blocks are arranged circumferentially about an axial sheave centerline. Each belt block also has a surface for receiving a multi-ribbed belt (20). At least one elastic member (24, 25) encircles the belt blocks so as to control their relative positions, keeping them in contact with the sheave grooves as the pulley rotates. As the movable sheave is moved axially, each belt block moves radially within its respective grooves so as to increase or decrease the effective diameter of the pulley.

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