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(54) Title: DYNAMIC KINEMATIC MOUNT

(57) Abstract: A dynamic kinematic mount includes three balls, a first plate, and an opposing second plate. The first plate contacts the three balls at six contact points constraining translational and rotational movement of the first plate, and the second plate contacts the three balls at six contact points constraining translational and rotational movement of the second plate. Also provided is a spacer having opposing first and second faces and three bores extending therethrough from the first face to the second face. The three balls are each disposed in one of the three bores for rotation relative to the spacer, in which the three ball project outboard of the first and second faces. The first plate is in juxtaposition to the first face, and the second plate in juxtaposition to the second face.