

**TITLE OF INVENTION: FLYWHEEL DEVICE OF ENERGY
CONVERTING EQUIPMENT**

ABSTRACT

5 The flywheel device comprises a disc-shaped body, a pair of ball screw members, and a
pair of masses. The ball screw member includes a screw shaft and a pair of ball nuts. The
screw shaft is received in the disc-shaped body and has a middle section, a left section with
forward threads, and a right section with reverse threads. One of the ball nuts is screwed to
the left section of the screw shaft, and the other ball nut is screwed to the right section of the
10 screw shaft. One of the masses is coupled to the ball nuts screwed to the left sections of the
screw shafts, and the other mass is coupled to the ball nuts screwed to the right sections of
the screw shafts.

[FIG. 3]