

GEAR CLUTCH ASSEMBLY AND ELECTRONIC DEVICE USING THE SAME
ABSTRACT OF THE DISCLOSURE

A gear clutch assembly and an electronic device are provided. The gear clutch assembly comprises a pivot, a driving gear engaged with the pivot and adapted to rotate along the pivot, and a driven gear disposed on the driving gear. The driving gear comprises a first surface, a ratchet integrally formed with the driving gear comprising a plurality of teeth disposed on the first surface. The driving gear comprises a second surface facing the first surface, and a pawl integrally formed with the driven gear on the second surface. When the driving gear rotates in a driving direction, one of the teeth is engaged with the pawl and drives the driven gear to rotate with the driving gear. When the driving gear rotates in an opposite direction, every tooth pushes up and slides under the pawl so the driven gear does not rotate along with the driving gear.

Figure 3