

AUTOMATIC DOCUMENT FEEDER AND MEDIA RECORD EQUIPMENT USING THE SAME

ABSTRACT OF THE DISCLOSURE

An automatic document feeder and a media record equipment using the same are provided. The automatic document feeder includes a frame, a cover and a gear chain. An end of the cover pivoted to the frame has a cam. The gear chain disposed in the frame has multiple driven gears and a rotating unit. The driven gears engaged with each other rotate about a first axial direction. The rotating unit having a first rock arm contacting the cam and a second rock arm with one of the driven gears disposed thereon is capable of rotating about the first axial direction. The cam pushes the first rock arm to drive the rotating unit to rotate about the first axial direction, and then an engagement between the driven gear on the second rock arm is released by departing from another driven gear engaged therewith when the cover opens relative to the frame.

Figure 4