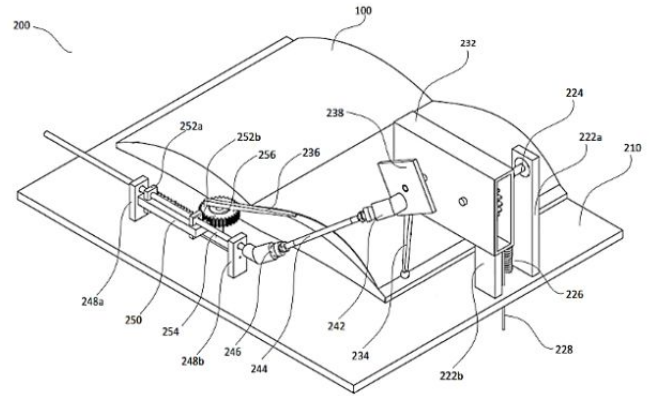


GRANTED**(IN493647)**

An apparatus for turning a page of a book



NEED

Turning pages in books can be difficult for individuals with limited hand mobility. This technology offers an automated system for turning book pages, enhancing accessibility for people with physical impairments.

TECHNOLOGY OVERVIEW

The invention automates the page-turning process using a pickup arm, turning arm, and a driving unit. A pedal-driven mechanism causes the arms to lift and turn pages, offering an accessible solution for individuals with disabilities.

TECHNOLOGY KEY FEATURES

Pedal-driven operation; spatial four-bar linkage for precise movement; pickup and turning arms; automated book page-turning; assists people with limited mobility; mechanical, non-electric design.

[Read more here](#)

MARKET ANALYSIS

The global assistive technology market is projected to grow at a CAGR of 8.4% from 2023 to 2033, driven by an increasing aging population and advancements in healthcare devices. (Source: Grand View Research, 2023)

Target Industries

1) Assistive device manufacturers; 2) Rehabilitation centers; 3) Healthcare service providers focusing on aging and disabled populations.

AT A GLANCE

- SDG 3 (Good Health and Well-being), SDG 10 (Reduced Inequalities)

Technology is available for licensing/ co-development.

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