

## ROTARY INFORMATION RECORDING/REPRODUCING APPARATUS

## A B S T R A C T

A rotary information recording/reproducing apparatus has a carriage (3) rotatable by the first and second driving coils (5A, 5B) about an axis that moves an information recording/reproducing head (1) radially to an associated recording disk (13) for head positioning relative to the disk. The angle between a line connecting the center of the first driving coil (5A), and the center of the carriage pivot shaft (4) and a line connecting the head (1) and the center of the carriage pivot shaft is set to be not greater than 90 degrees while the angle formed between the first and second driving coils (5A, 5B) about the center of the carriage pivot shaft (4) is within the range of from 100 degrees to 150 degrees, whereby reduction in the size and thickness of the apparatus can be realized. A magnet-yoke assembly, which is subject to a reaction force, is mounted to a base (12) by sheet springs (8A-8D) and reaction-force damping members (10A, 10B) interposed therebetween so that the magnet-yoke assembly (6A, 6B, 7A-7G) is independent from and infinitesimally rotatable relative to the base (12). The provision of the two driving coils (5A, 5B) and the reaction-force damping members (10A, 10B) effectively prevents the carriage pivot system and the disk spindle from being excited by the reaction force to thereby assure a high-speed and highly-accurate head positioning.

This Sheet Has Been Replaced

THIS SHEET HAS BEEN  
REPLACED