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BIDIRECTIONAL MAGNETIC HEAD

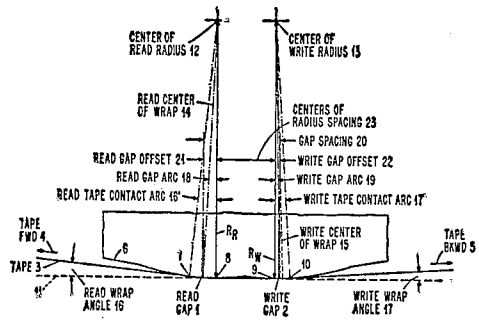
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Continuation of abandoned application Ser. No. 179,866, Sept. 13, 1971. This application Apr. 26, 1973, Ser. No. 354,718

Int. Cl. G11b *5/26*

U.S. Cl. 340—174.1 F

1 Sheet Drawing. 10 Pages Specification



A magnetic head surface contour is defined by two constant radii. The two pairs of points at which a magnetic tape is tangent to the two contours locate two centers-of-wrap at the midpoints of tangency. The tape path is controlled to give two different tape wrap angles relative to the horizontal. A read gap, used during both forward and backward tape motion is located at but not precisely on, one of the centers-of-wrap. A write gap, used during write operations, is located downstream (during forward tape motion) from the other center-of-wrap.

BIDIRECTIONAL MAGNETIC HEAD

Original Filed Sept. 13, 1971

FIG. 1

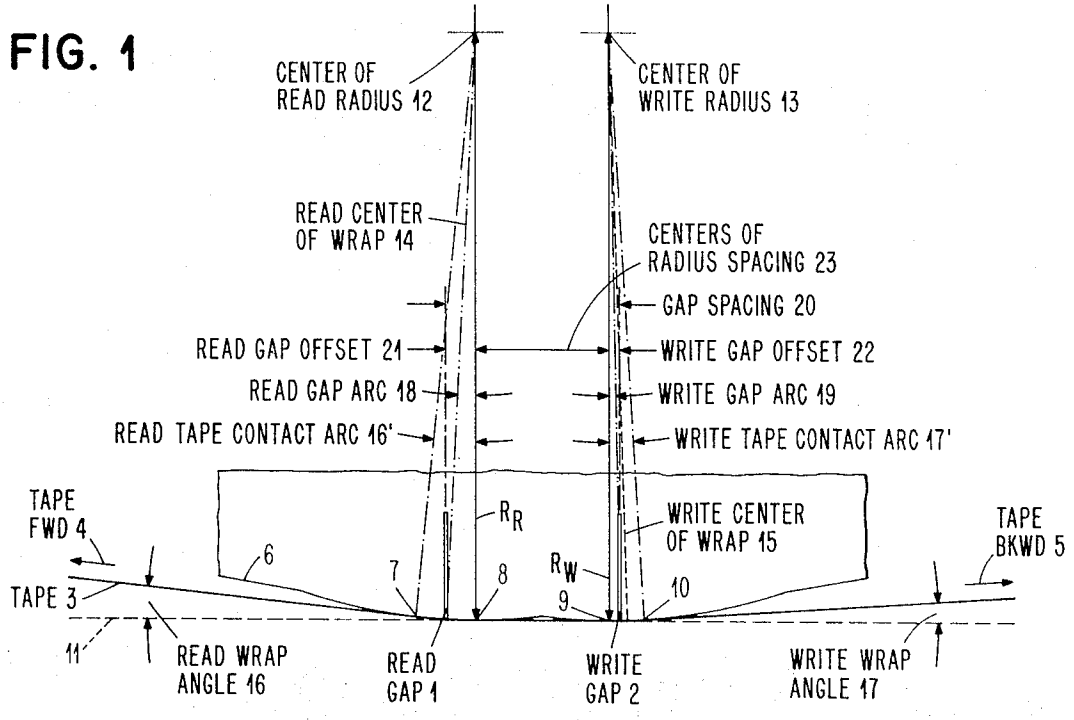


FIG. 2

