

ABSTRACT

METHOD OF FABRICATING AN INVERTED MAGNETORESISTIVE READ

A method of fabricating an inverted magnetoresistive head is disclosed. The method includes fabricating a writer. The writer includes a bottom pole (56) positioned within a recessed substrate (54). The bottom pole is filled with copper coils (64) and polymer (58). A write gap (66A), a pole tip (72), and a top pole (67) are fabricated on a portion of the polymer. A top surface of the top pole is planarized and a bottom shield (74) is fabricated on the top pole to provide a substantially smooth surface upon which a reader can be placed. The reader is fabricated on top of the writer and includes a first reader gap (78), a magnetoresistive element (80), a second reader gap (84), and a shield (86).

Fig. 7

This Sheet Has Been Replaced

