THIS SHEET HAS BEEN
REPLACED



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## ABSTRACT

## MAGNETORESISTIVE HEAD AND METHOD OF MANUFACTURE THEREOF

An inverted magnetoresistive head (50) and a method of manufacturing an inverted magnetoresistive head is disclosed. The method of manufacturing the inverted magnetoresistive head includes fabricating a writer. The writer includes a recessed bottom pole (56) filled with copper coils (64) and polymer (58) , as well as a write gap (66A), a pole tip (72), and a top pole/bottom shield (74). A top surface of both the polymer (56) and the write gap (66A) are planarized to provide a substantially smooth surface upon which a reader (78, 80, 82, 84, 86) can be placed. The reader is fabricated on top of the writer (56, 58, 64, 66, 66A, 72, 74) and includes a first reader gap (78), a magnetoresistive element (80), a second reader gap (84), and a shield (86).

[Fig. 7]