

**THIN FILM MAGNETIC HEADS WITH THIN NICKEL
UNDERLAYERS**

ABSTRACT OF THE DISCLOSURE

5 A thin film head (12) and a method for fabricating the same
comprises depositing a first nickel seed layer (37) on a substrate (25),
forming a bottom portion (16) of a magnetic core (13) on the first nickel
seed layer (37), depositing a second nickel layer (39) and forming a top
portion (14) of the magnetic core (13) on the second nickel seed layer (39).
The stability of the thin film head (12) while in a relaxed state and its read
10 performance are significantly improved.

(REFER TO FIG. 5)