

METHOD OF MAKING LOW STRESS AND LOW RESISTANCE RHODIUM (Rh) LEADS

ABSTRACT

A method of making rhodium (Rh) lead layers (142, 146) for a read sensor (72) comprises a first step of obliquely ion beam sputtering the rhodium (Rh) lead layer (142, 146) followed by a second step of annealing. This method results in rhodium (Rh) lead layers (142, 146) which have reduced stress and less resistance, making them highly desirable for lead layers of a sensor in a read head.

FIG 11