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THIS SHEET HAS BEEN
REPLACED

AbstractRECORDING HEAD TO OPTIMIZE HIGH DENSITY RECORDING

Recording head to optimize high density recording by reduction of hooks on ends of transitions, the recording head having at least two poles with a gap section inbetween and configured with the second pole and gap section being greater in width than the first pole. Transverse field components are reduced at the head fringes and the transition becomes substantially parallel to gap. The vertical components of the head field are also minimized. Method for producing head with narrow first pole includes planarization of first pole area to receive wider gap layer and wider second pole.

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