ABSTRACT

A burnishing head in accordance with the invention comprises a body made of a first material such as Al_2O_3-TiC coated with a layer of carbon. The burnishing head is then used to burnish the surface of a magnetic disk. We have discovered that the carbon provides the following advantages. It reduces friction and stiction between the burnishing head and the disk. It prevents particles from chipping off the burnishing head and onto the disk. It also prevents the formation of wear marks on the disk surface. It also prevents or reduces a phenomenon called "dinging".

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