

IONIC PERFLUOROPOLYETHER LUBRICANT**ABSTRACT**

An ionic perfluoropolyether lubricant having unique characteristics that allow its ultra-thin and uniform distribution over a protective overcoat layer (3) of a magnetic recording medium, while at the same time provide its molecules with strong adhesion power to the protective overcoat layer (3) of the magnetic recording medium compared to existing lubricants, so as to allow shorter magnetic spacing between the magnetic recording medium and the magnetic head, and longer operation hours for the magnetic recording medium.

Fig. 1