ABSTRACT

High-Quality Thin Breather Filter for a Hard-Disk Drive

There is disclosed a breather filter (1) employed in a hard-disk drive (HDD) by attaching it to a hole (3) provided in the cover (2) of the HDD. The breather filter (1) of this kind is configured, by preparing a first sheet (11) forming a diffusing tube (12) at a position corresponding to the hole (3) provided in the cover (2) of the HDD, a second sheet (12) forming an opening (22) at a position corresponding to the diffusing tube (12) of the first sheet (11), a third sheet (31) having an adsorbent layer (32) at a position corresponding to the opening (22) in the second sheet (12), and a fourth sheet (41) including a filter layer covering the adsorbent layer (32) of the third sheet (31) and also by stacking the prepared first sheet (11), second sheet (21), third sheet (31), and fourth sheet (41).

Figure 1