The ornamental design for a flowable dental composition dispenser, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of the top of a flowable dental composition dispenser;
FIG. 2 is a perspective view of the flowable dental composition dispenser of FIG. 1 with the cap shown exploded;
FIG. 3 is a perspective view of the flowable dental composition dispenser of FIG. 1 with the cap and cartridge shown exploded;
FIG. 4 is a top plan view of the flowable dental composition dispenser of FIG. 1 without the cap and with the cartridge shown exploded;
FIG. 5 is a side elevation view of the flowable dental composition dispenser of FIG. 1 without the cartridge or the cap; and,
FIG. 6 is a top plan view thereof.