The ornamental design for a paintbrush storage case, as substantially shown and described.

DESCRIPTION

FIG. 1 is an isometric view of the paintbrush storage case; FIG. 2 is a front view of paintbrush storage case shown in FIG. 1; FIG. 3 is a back view of the paintbrush storage case shown in FIG. 1; FIG. 4 is a top view of the invention shown in FIG. 1; FIG. 5 is a bottom view of the invention shown in FIG. 1; FIG. 6 is an end view of the invention shown in FIG. 1, the opposite side constituting a mirror image; FIG. 7 is an isometric view of the paintbrush storage case in the open configuration and showing the interior of the case and the inside of the cover; and, FIG. 8 is a top plan view of the invention shown in FIG. 7.

1 Claim, 6 Drawing Sheets