The ornamental design for a detergent box for washing machine, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a detergent box for washing machine showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof where the right side view is a mirror image;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom plan view thereof;
FIG. 7 is a perspective view showing an example of the usage of the detergent box in which the detergent box has been installed into a washing machine; and,
FIG. 8 is a perspective view showing an example of the usage of the detergent box in which the detergent box has been installed into a washing machine and then the covers at both sides of the upper part have been opened.

The broken lines on the design in FIGS. 3, 7 and 8 depict portions of the detergent box that form no part of the claimed design. The broken line depiction of a washing machine in FIGS. 7 and 8 depict environmental structure that also forms no part of the claimed design.

1 Claim, 7 Drawing Sheets
FIG. 4
FIG. 6