Digital alarm clocks have the disadvantage of having to click on both the 'hour' and 'minute' buttons numerous times in order to set the desired hours and minutes. Moreover, the numbers only grow larger and if you happen to go over the number you wanted you'll have to start over all over again. Digital alarm clocks work better than regular clocks in the sense that you can set more precise time and time periods, and that's the reason why I want to improve the hour and minute buttons on digital alarm clocks.

The new and improved buttons for 'hour' and 'minute' are inspired by the sound control button, and mouse scrolling button because these buttons enable large range of scrolling without taking up too much area on the surface. With the new buttons, users can go both backwards and forwards on time, and skip the unwanted digits much faster, which allow much more efficient interaction with digital alarm clocks.

Alarm on/off   Brightness   AM/PM

Clock

Alarm

Snooze

hr   min

Engly Chang