AN ALARM CUP

Use a paper cup to make a VERY loud roar.

THE SETUP
Believe it or not, a paper cup and dental floss can blast everyone out of bed.
You will need:
• a paper cup
• a wooden toothpick
• a 24-inch length of waxed dental floss, preferably the ribbon kind

With the toothpick, punch a small hole in the center of the bottom of a paper cup.
Thread the dental floss through the hole. Tie this end of the dental floss around a broken-off piece of the toothpick to keep the floss from slipping back through the hole.
Hold the cup in one hand and grasp the dental floss between your thumb and index finger. Gently pull your fingers along the string. The sound speaks volumes!

INSIDER INFORMATION
Your roaring cup creates sound the same way a violin does. As your fingers move along the dental floss the sticky wax turns the stroke into a lot of tiny stops and starts. This causes the string to vibrate. Rosin on a bow does the same thing to a violin’s string. The cup amplifies the vibrations.