KNOCK OFF THE MATCH

You need:
A coin
A paper match
Transparent plastic cup
Pocket comb

THE SETUP
Carefully balance a coin on its edge and put a paper match on top of it, as shown.
Place an empty glass upside down over the coin and match.

THE PROBLEM
Knock the match off the coin without causing the coin to topple over. You are not allowed to touch the glass in any way. Banging the table won’t do it, because it would cause the coin to fall.

THE SECRET
Static electricity does the trick. Rub a pocket comb briskly on your clothing and hold the comb close to the glass. The match will fall, leaving the coin still balanced on its edge, undisturbed.