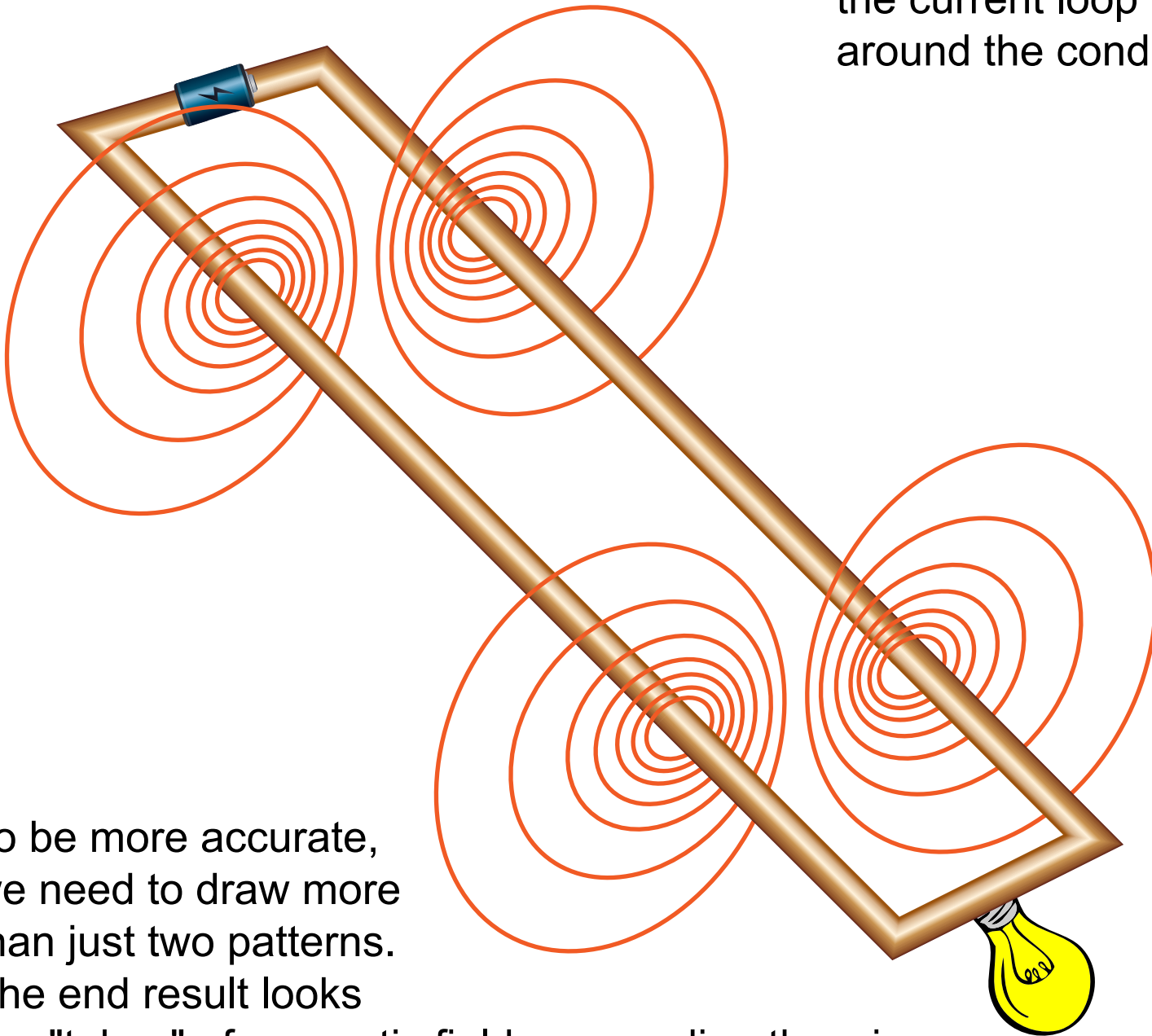


The magnetic field caused by the current loop forms rings around the conductors.



To be more accurate, we need to draw more than just two patterns. The end result looks like "tubes" of magnetic field surrounding the wires.