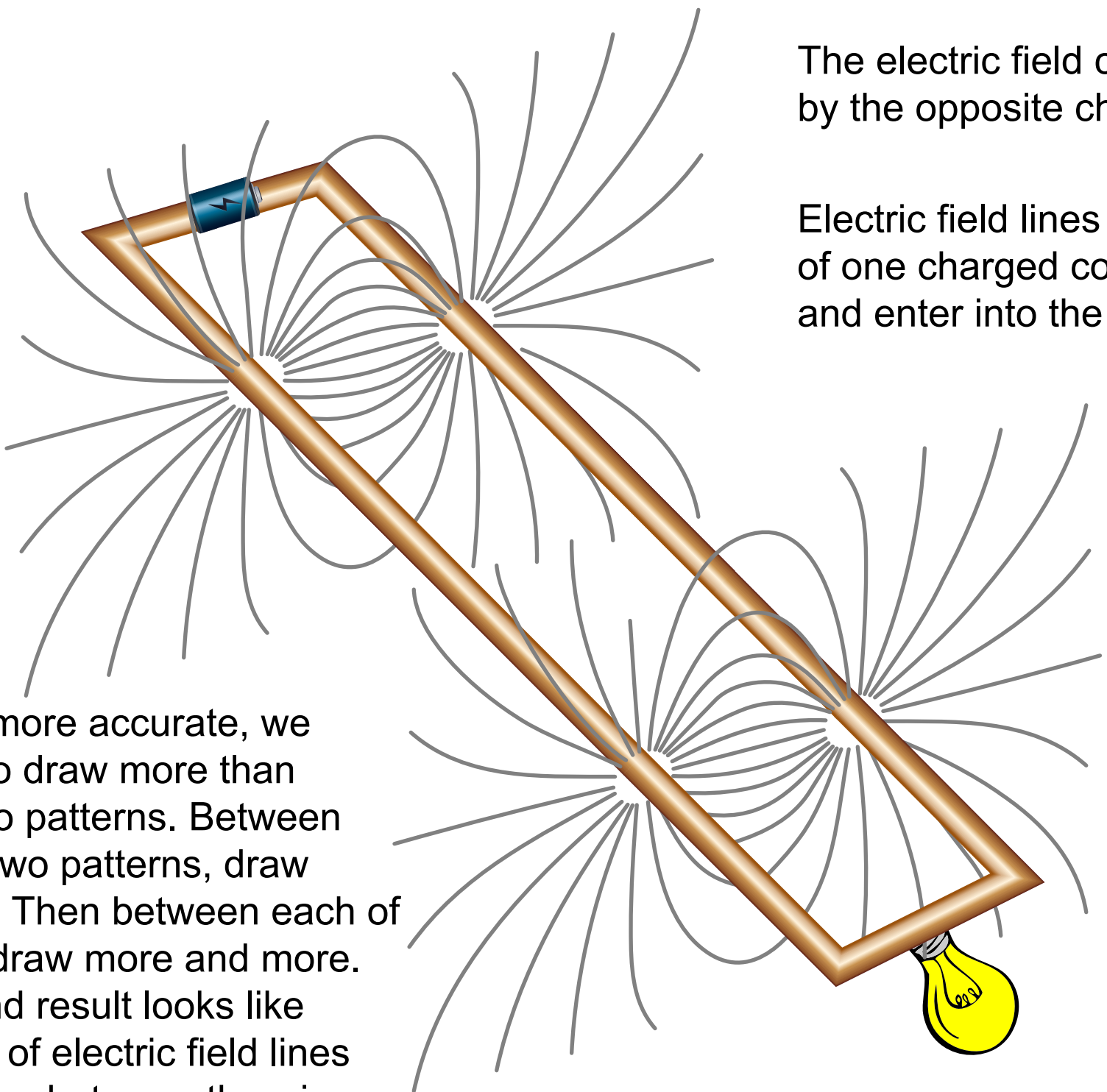


The electric field caused by the opposite charges.

Electric field lines exit out of one charged conductor and enter into the other.



To be more accurate, we need to draw more than just two patterns. Between these two patterns, draw a third. Then between each of those draw more and more. The end result looks like sheets of electric field lines with arcs between the wires.