$$\begin{array}{ccc}
q & & z = z_0 \\
\downarrow v & & & \\
& & & \downarrow v \\
\downarrow & & & \downarrow v \\
\downarrow & & \downarrow i_1(t) \downarrow i_2(t) \downarrow i_3(t) \downarrow \downarrow i_3(t) \downarrow \downarrow
\end{array}$$