Faraday's fan 
$$\mathcal{E} = \oint \vec{E} \cdot d\vec{e} = -\frac{1}{2} \frac{\partial \vec{\Phi}_B}{\partial t} = -\frac{1}{2} \frac{\partial \vec{\Phi}_$$

$$\Phi_{B} = \int_{S} \overline{D} \cdot d\overline{a} = B \int_{S} da = B Z W$$
 (3)

The induced current flows counterclockwise, increasing the magnetic flux

· The force on the Esop is: