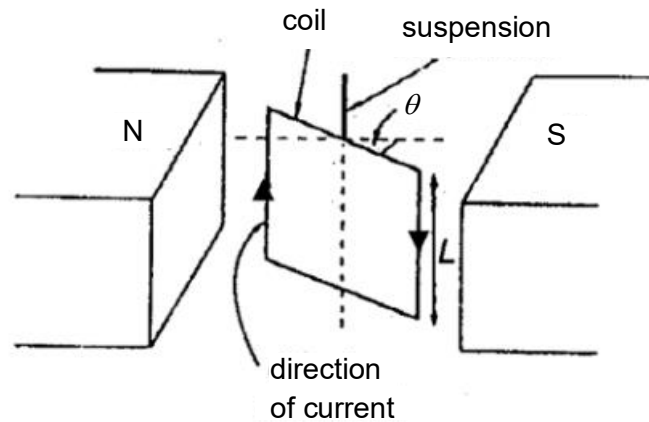
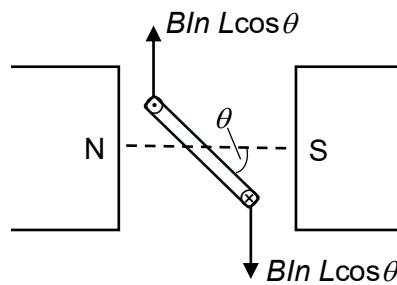


- 24 A current  $I$  is carried by a square coil of  $n$  turns and side  $L$ , suspended vertically as shown in a uniform horizontal magnetic field of flux density  $B$ .

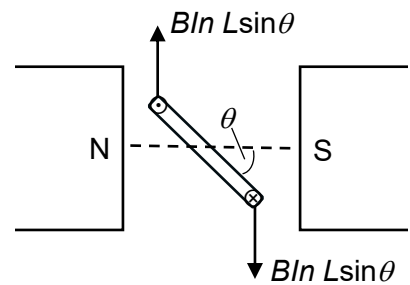


Which one of the plan diagrams correctly shows the magnitude and direction of the forces acting on the vertical sides of the coil?

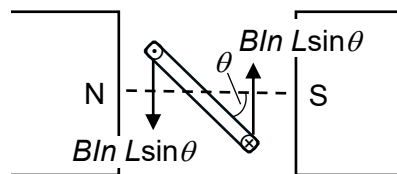
A



B



C



D

