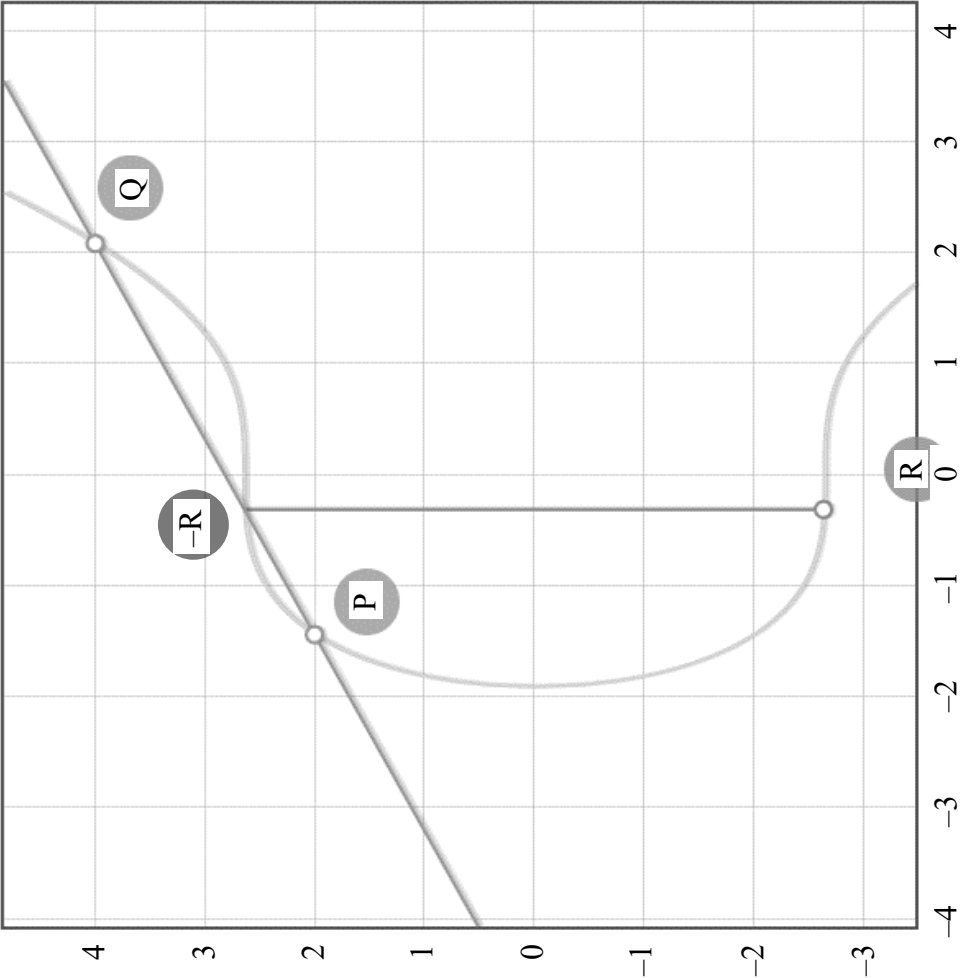




Curve (curve):

P :

Q :

$R=P+Q$:

Elliptic curve: $y^2=x^3+7$

FIG. 1(a)

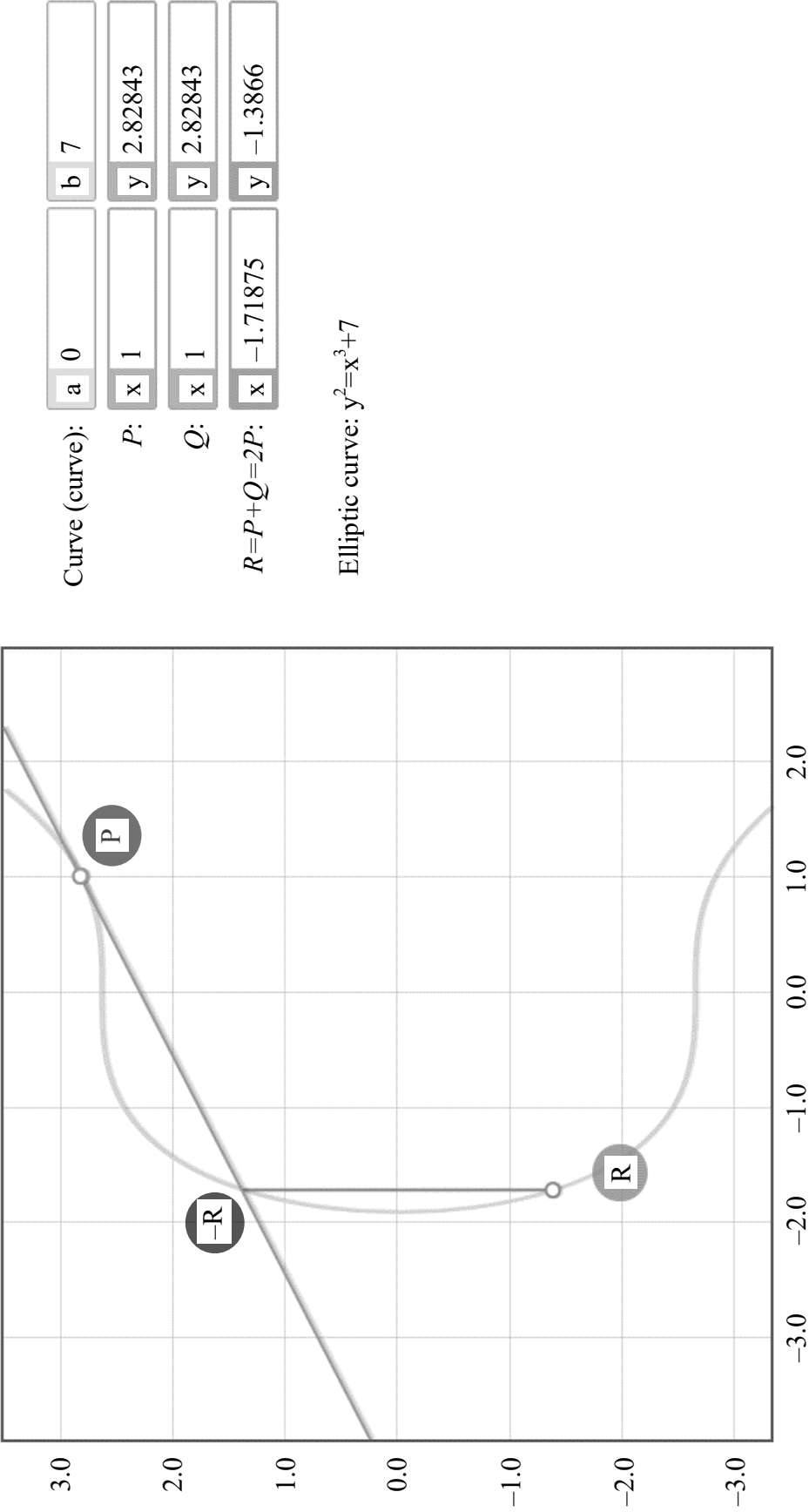


FIG. 1(b)

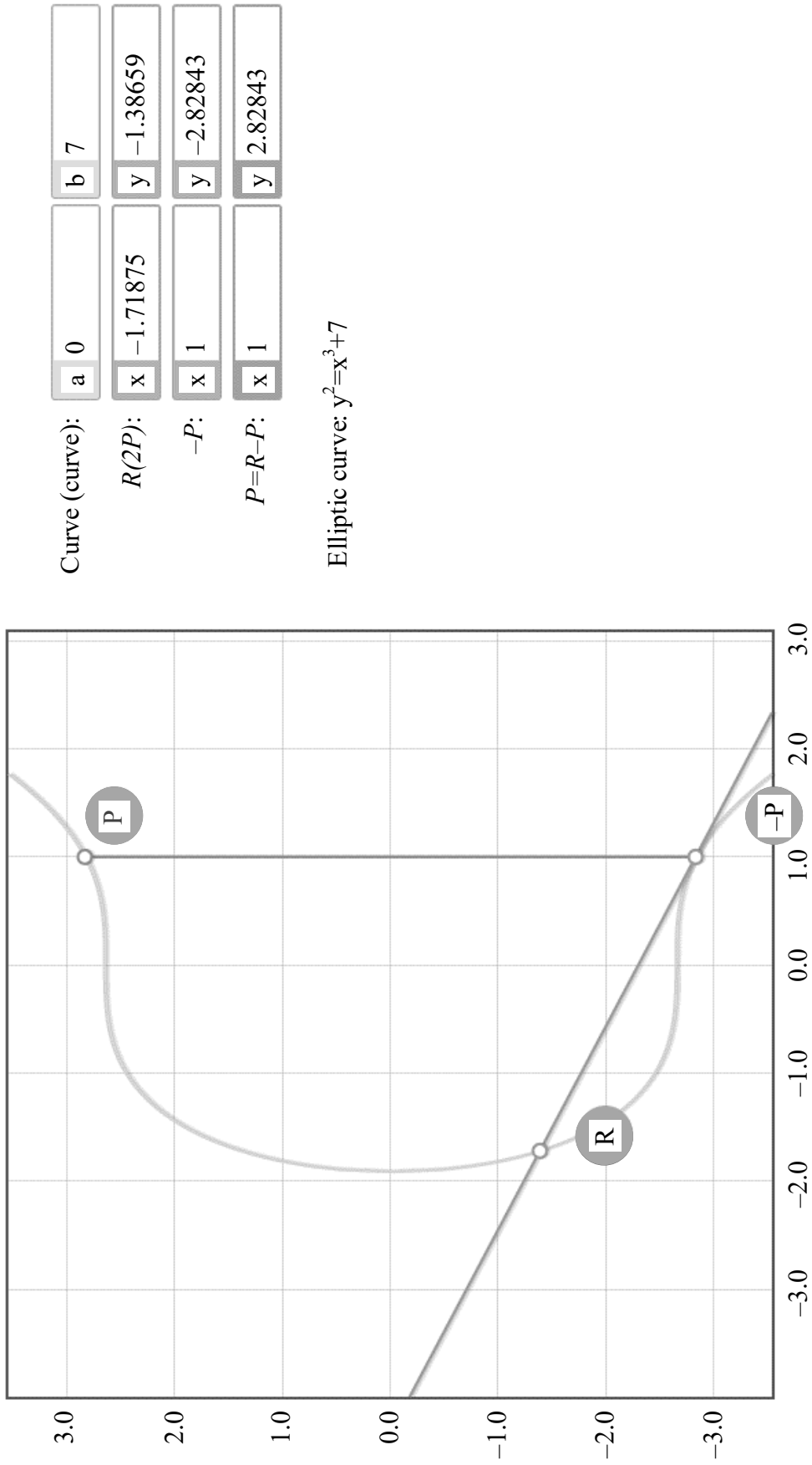


FIG. 1(c)

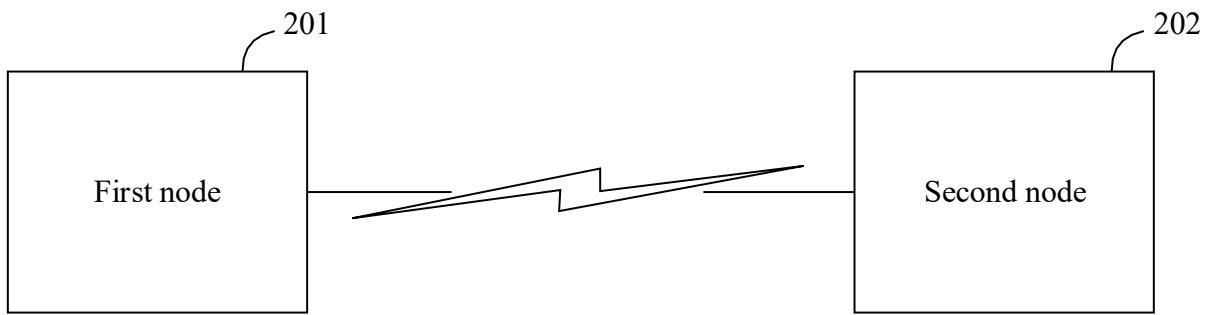


FIG. 2

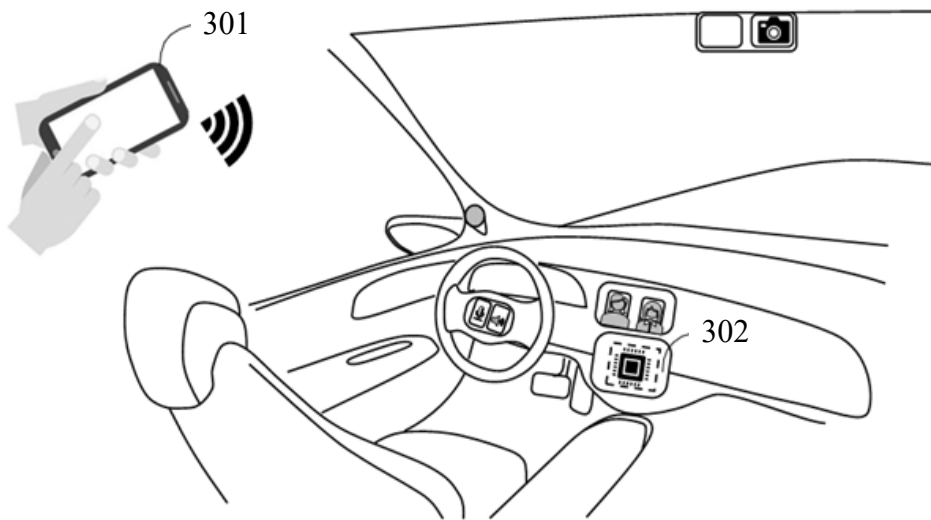


FIG. 3

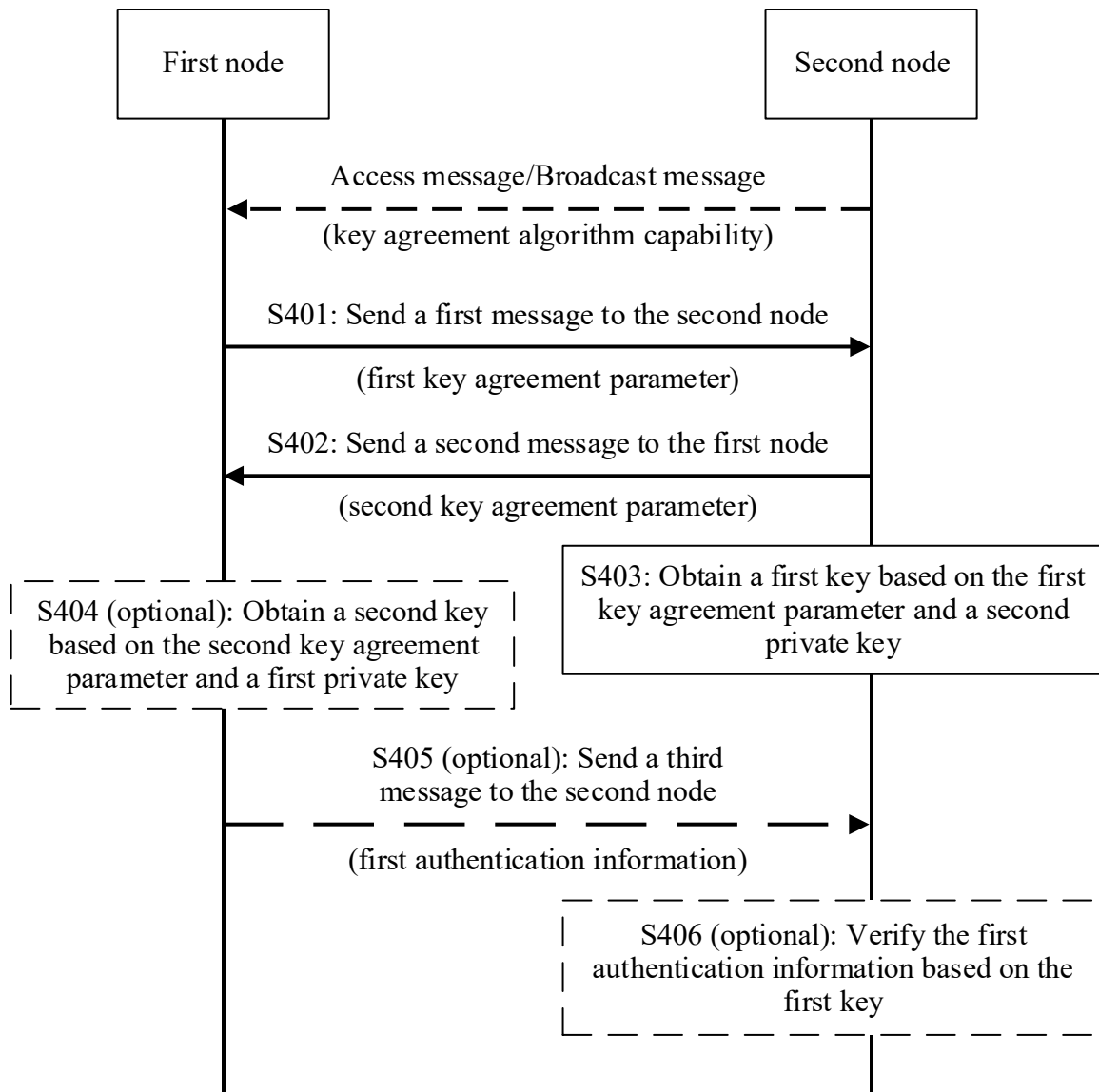


FIG. 4

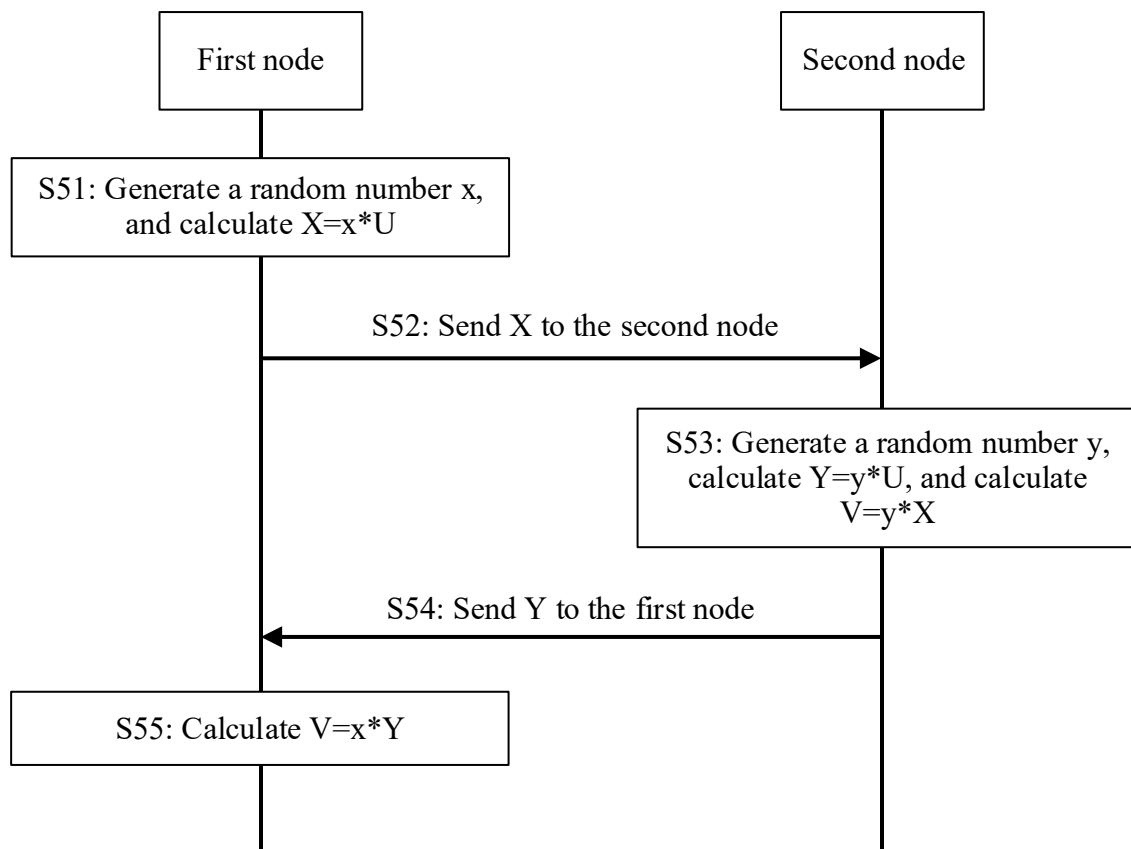


FIG. 5

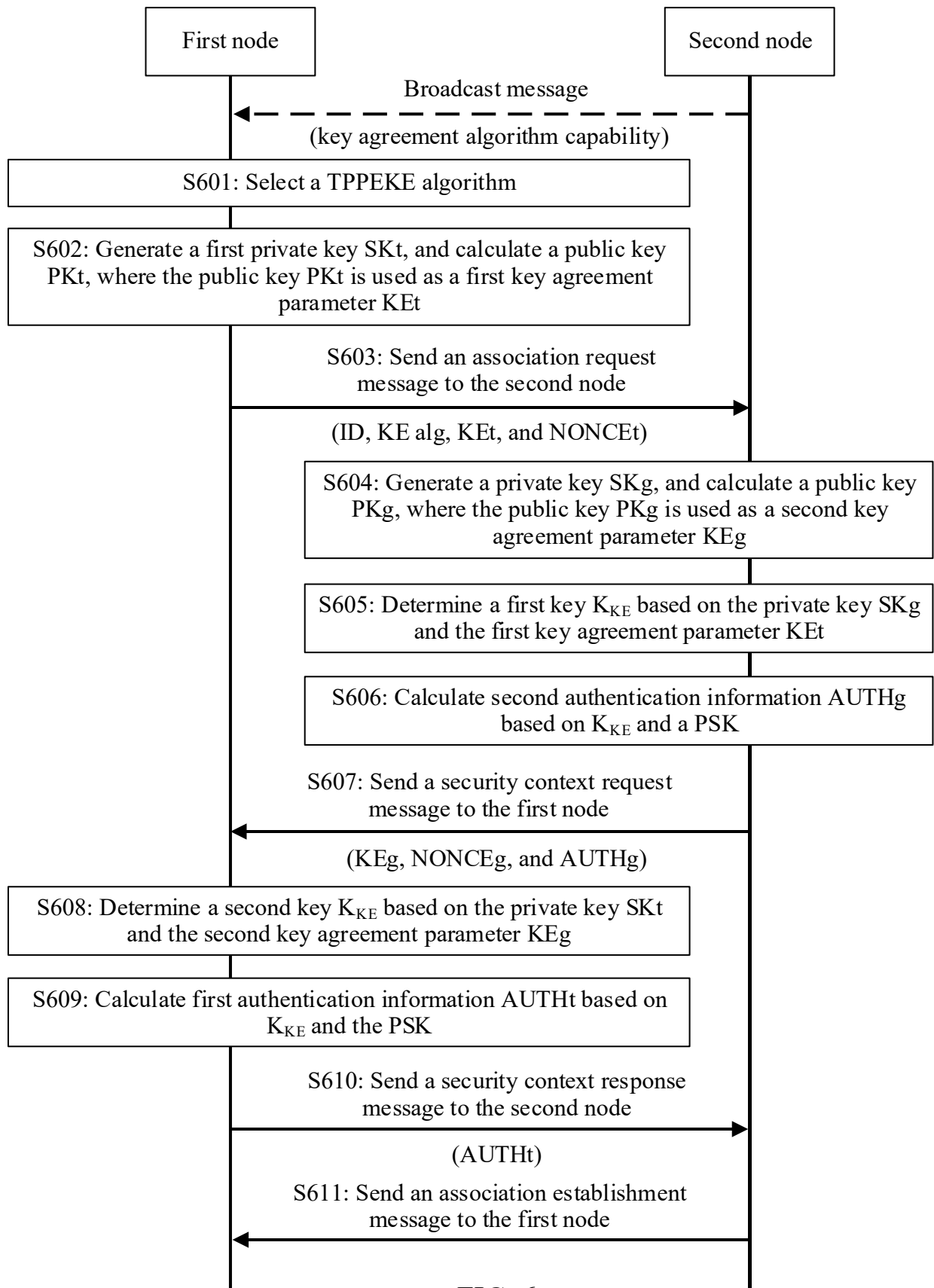


FIG. 6

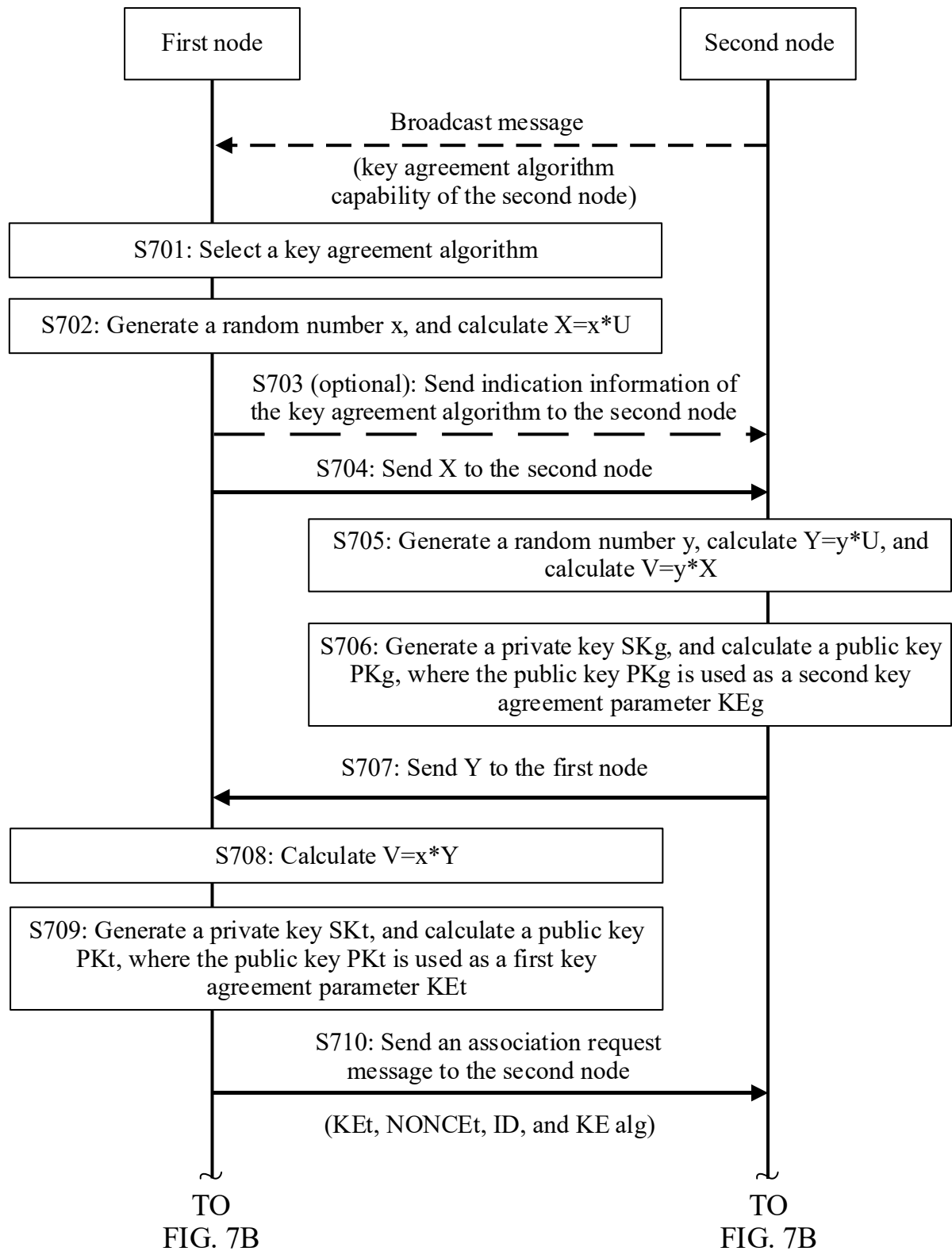


FIG. 7A

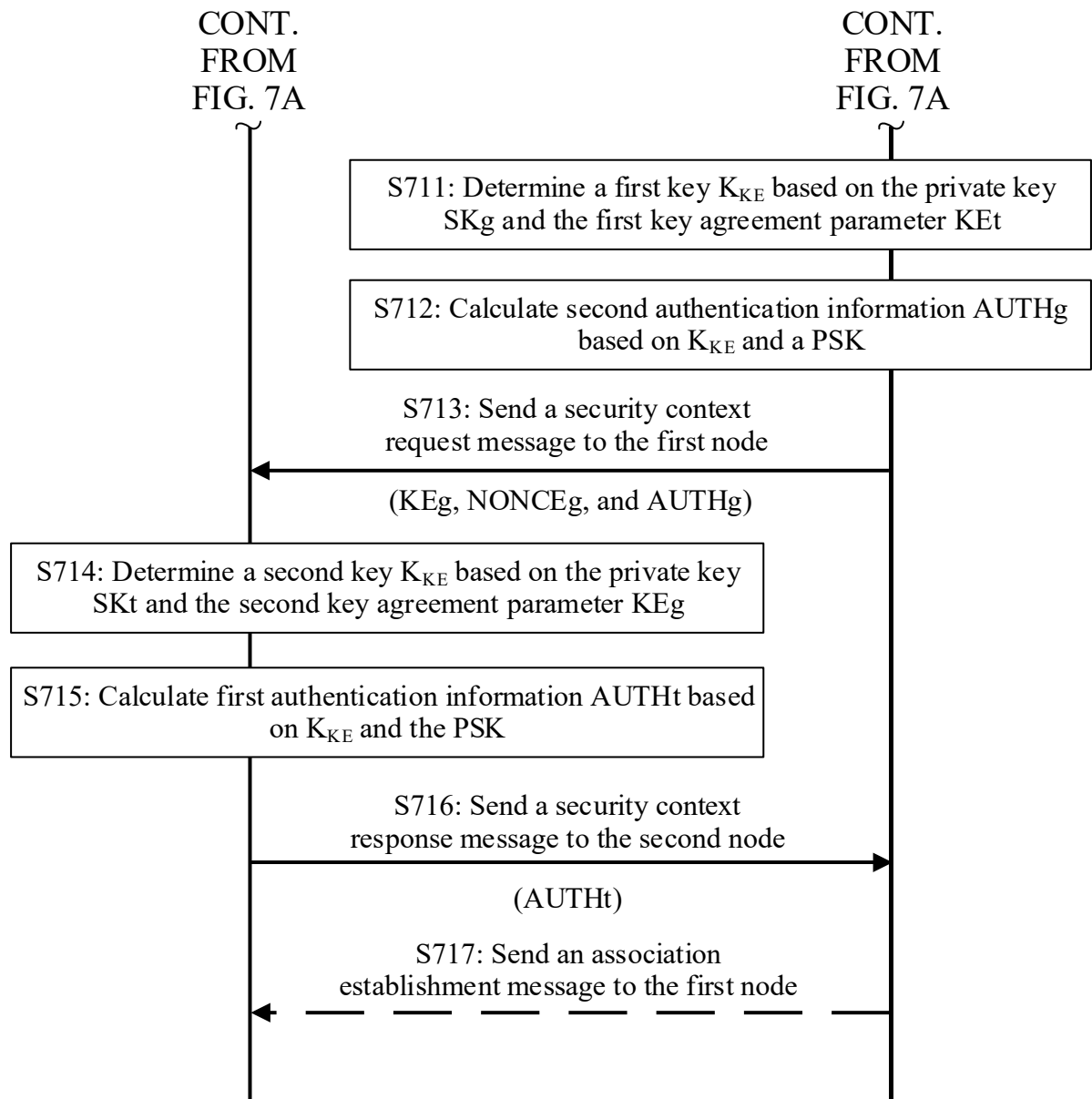


FIG. 7B

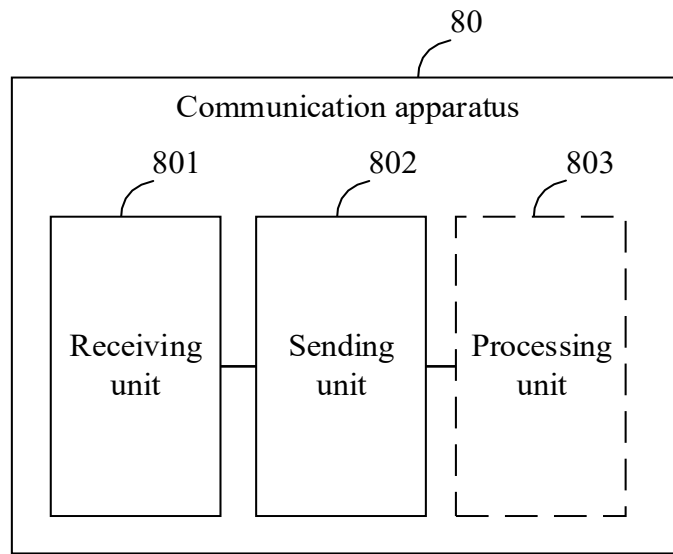


FIG. 8

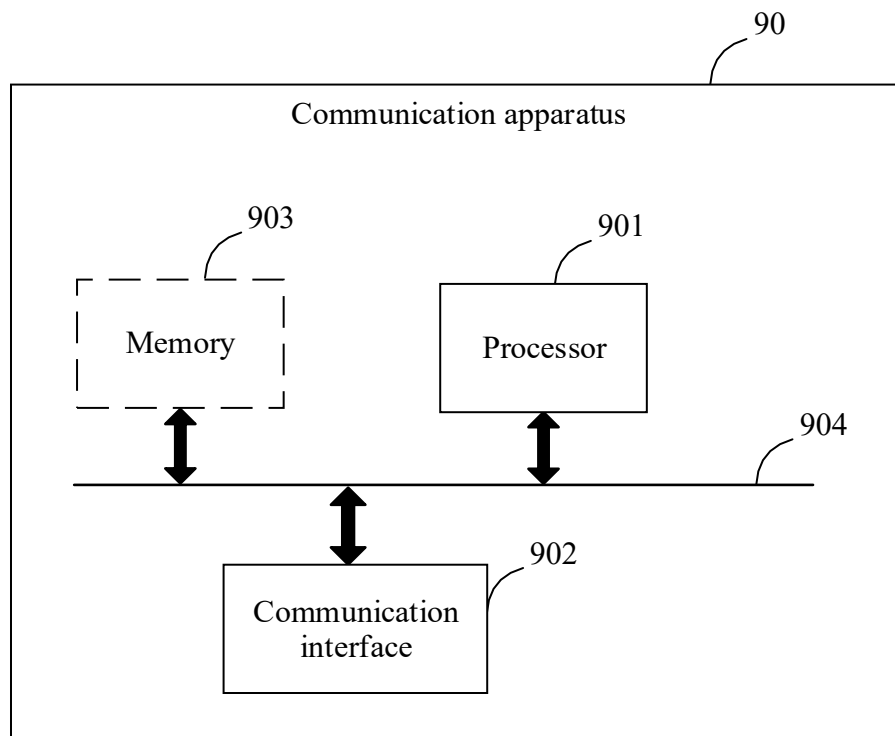


FIG. 9