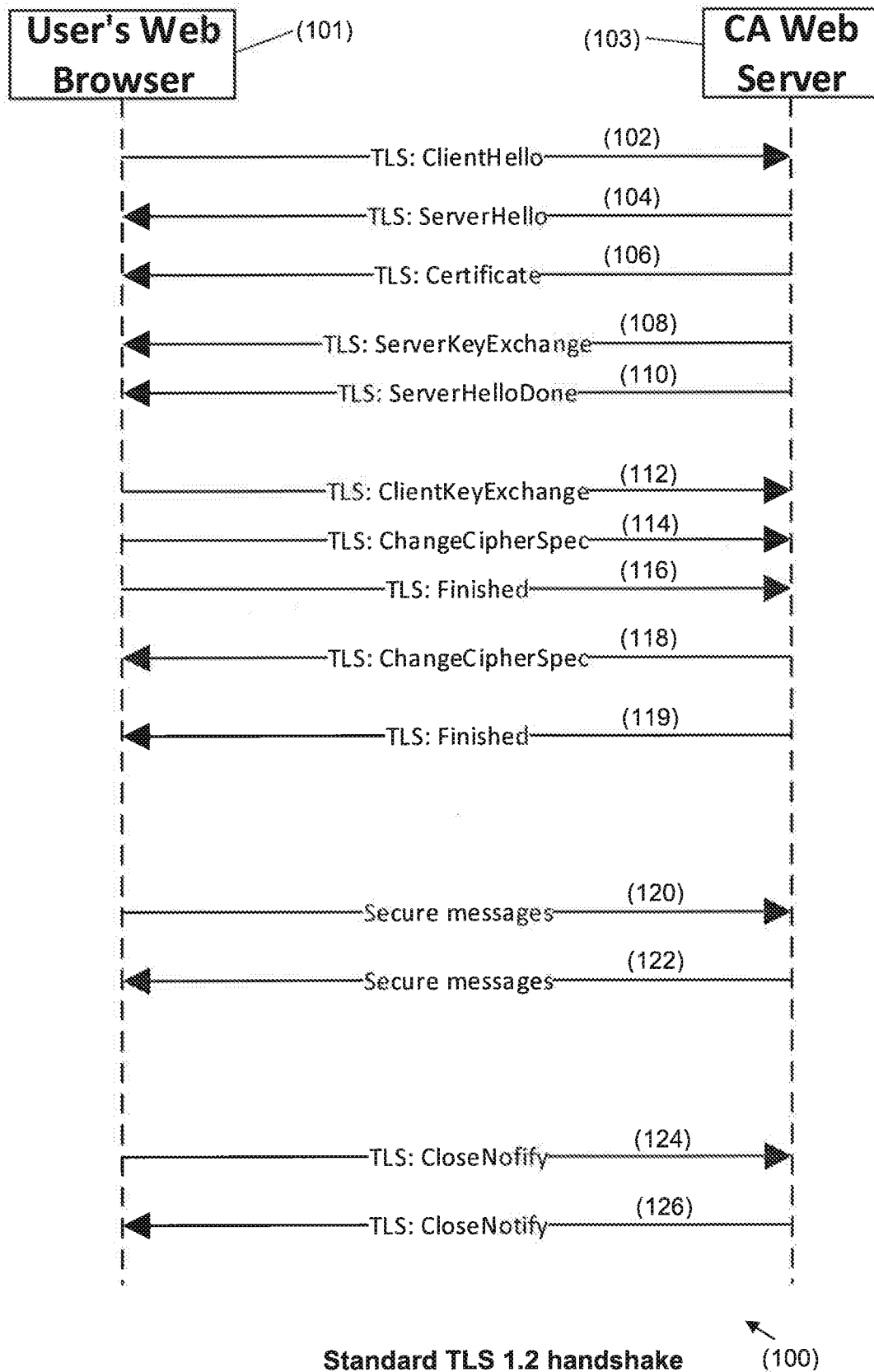
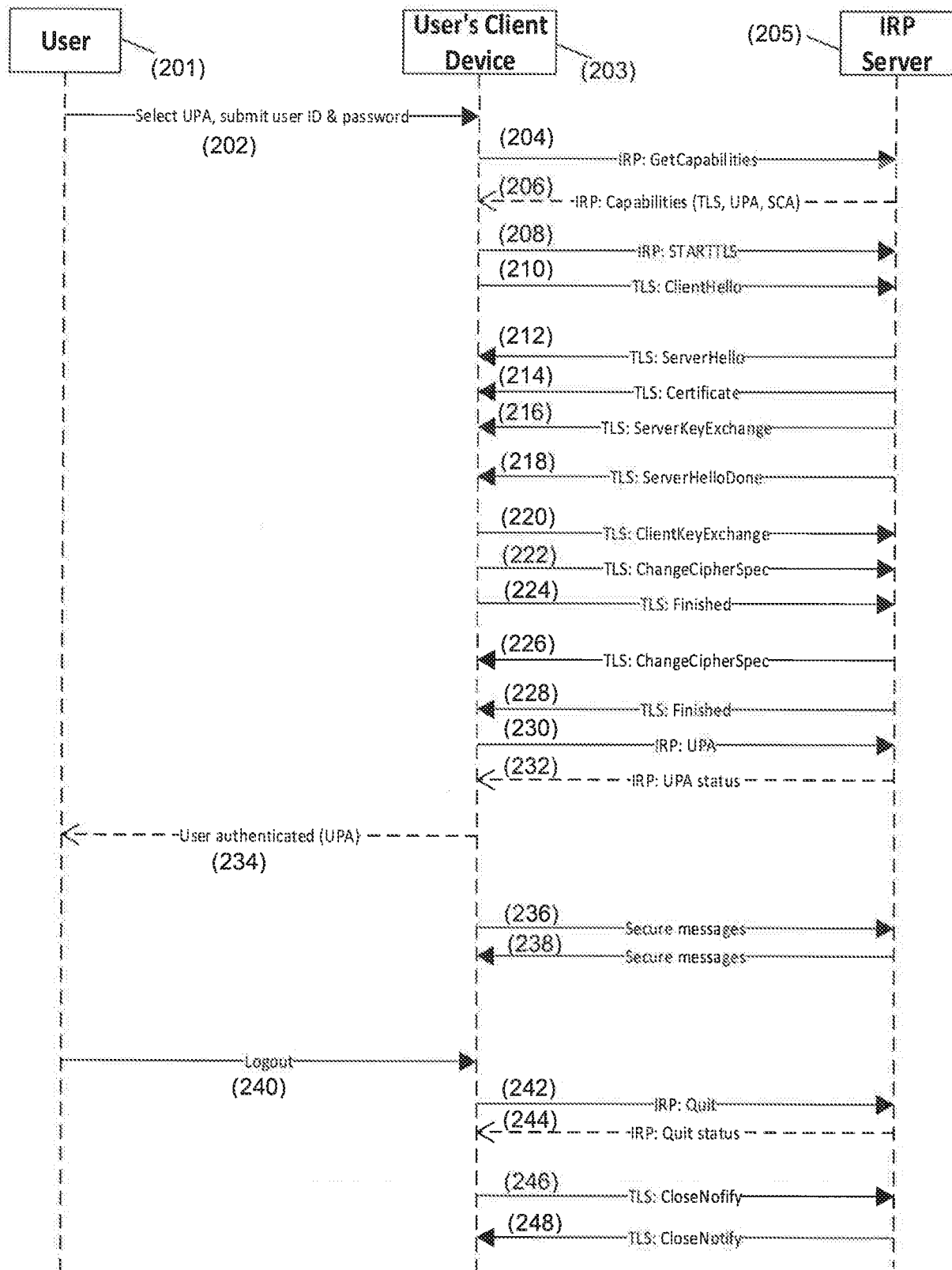


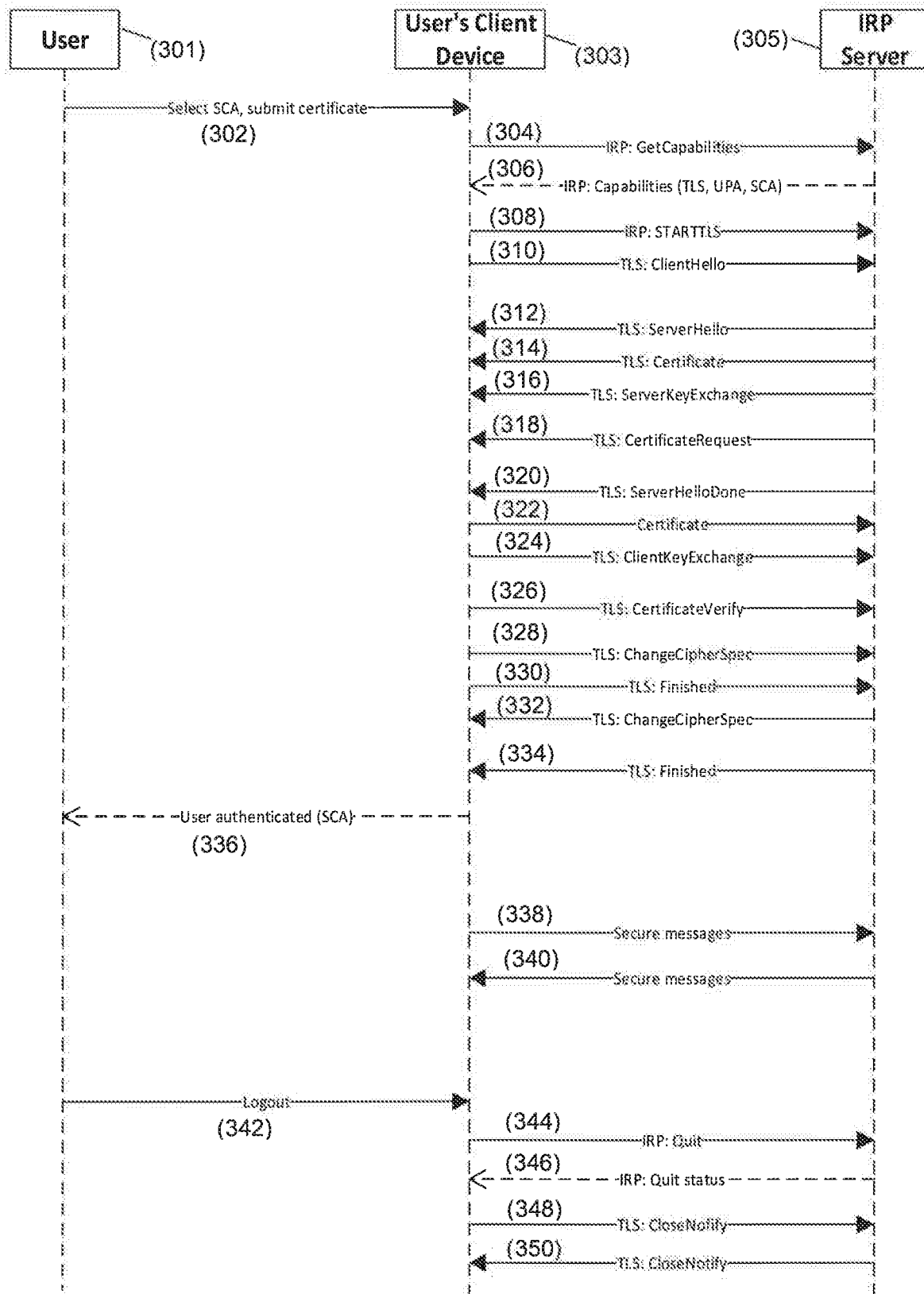
**FIGURE 1 (PRIOR ART)**



UPA – TLS 1.2 with Server Authentication & Password Authentication

FIGURE 2

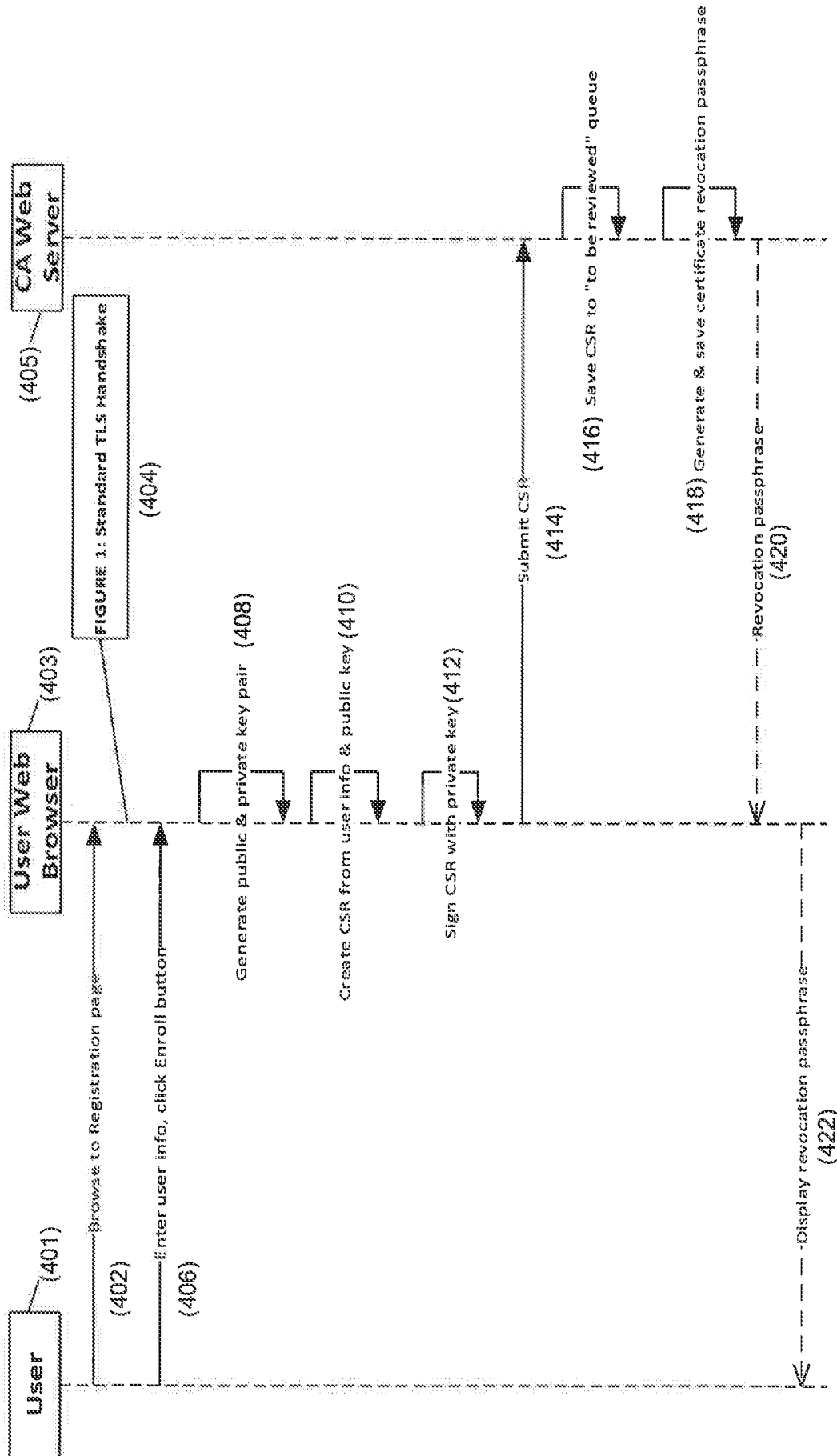
(200)



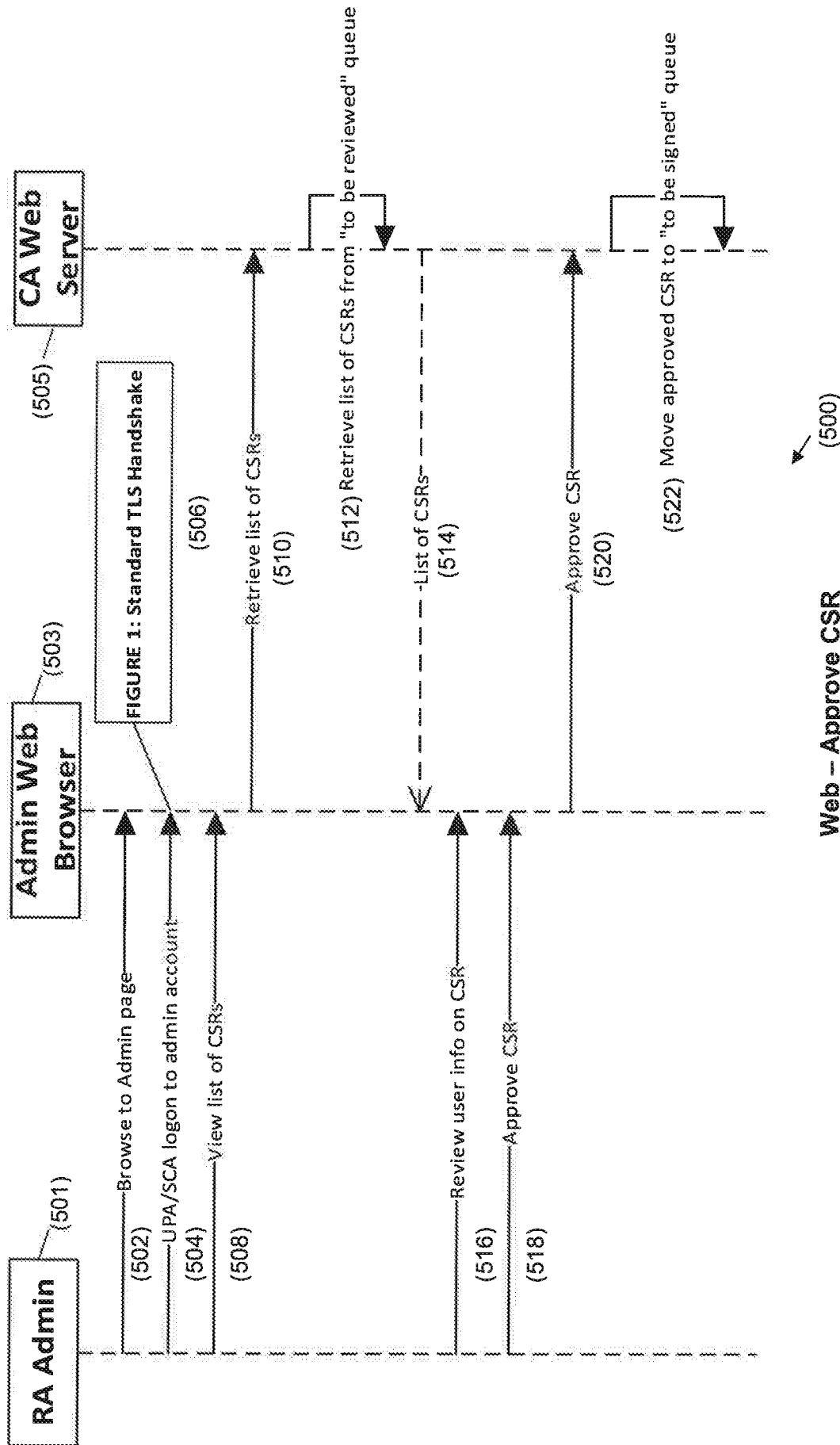
SCA - TLS 1.2 with Mutual Authentication

FIGURE 3

(300)

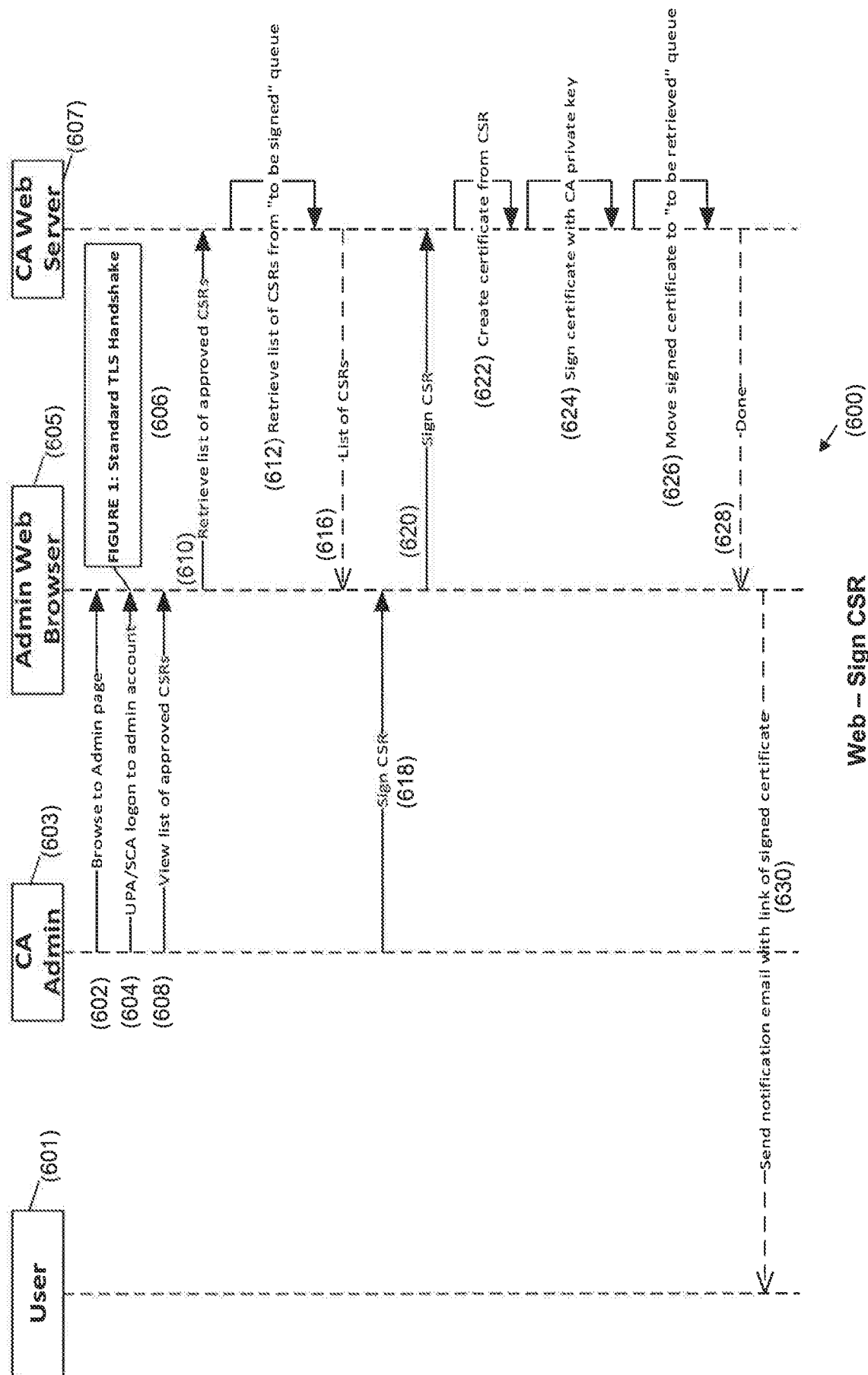


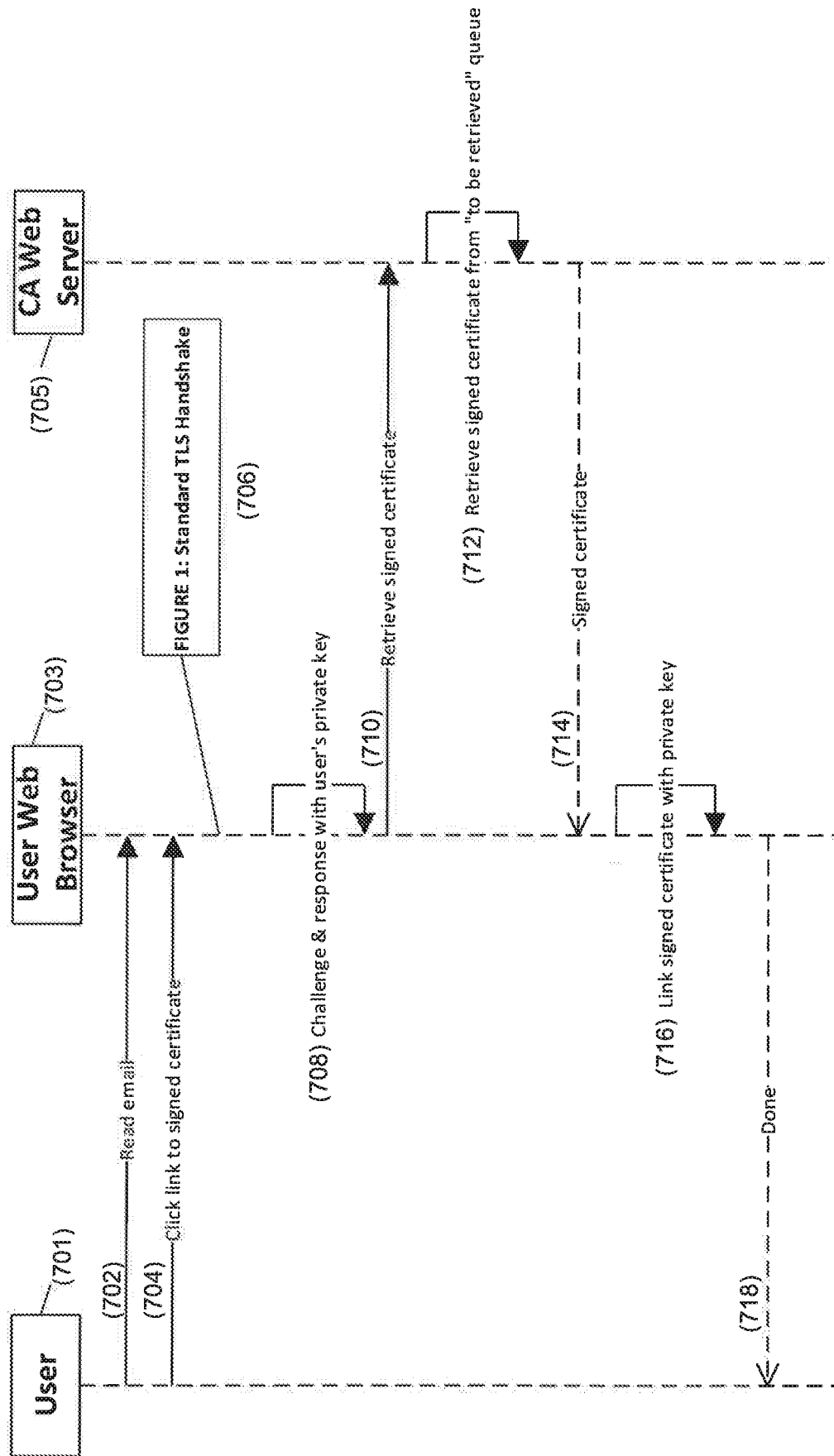
Web – Request New Certificate
 FIGURE 4 (PRIOR ART)



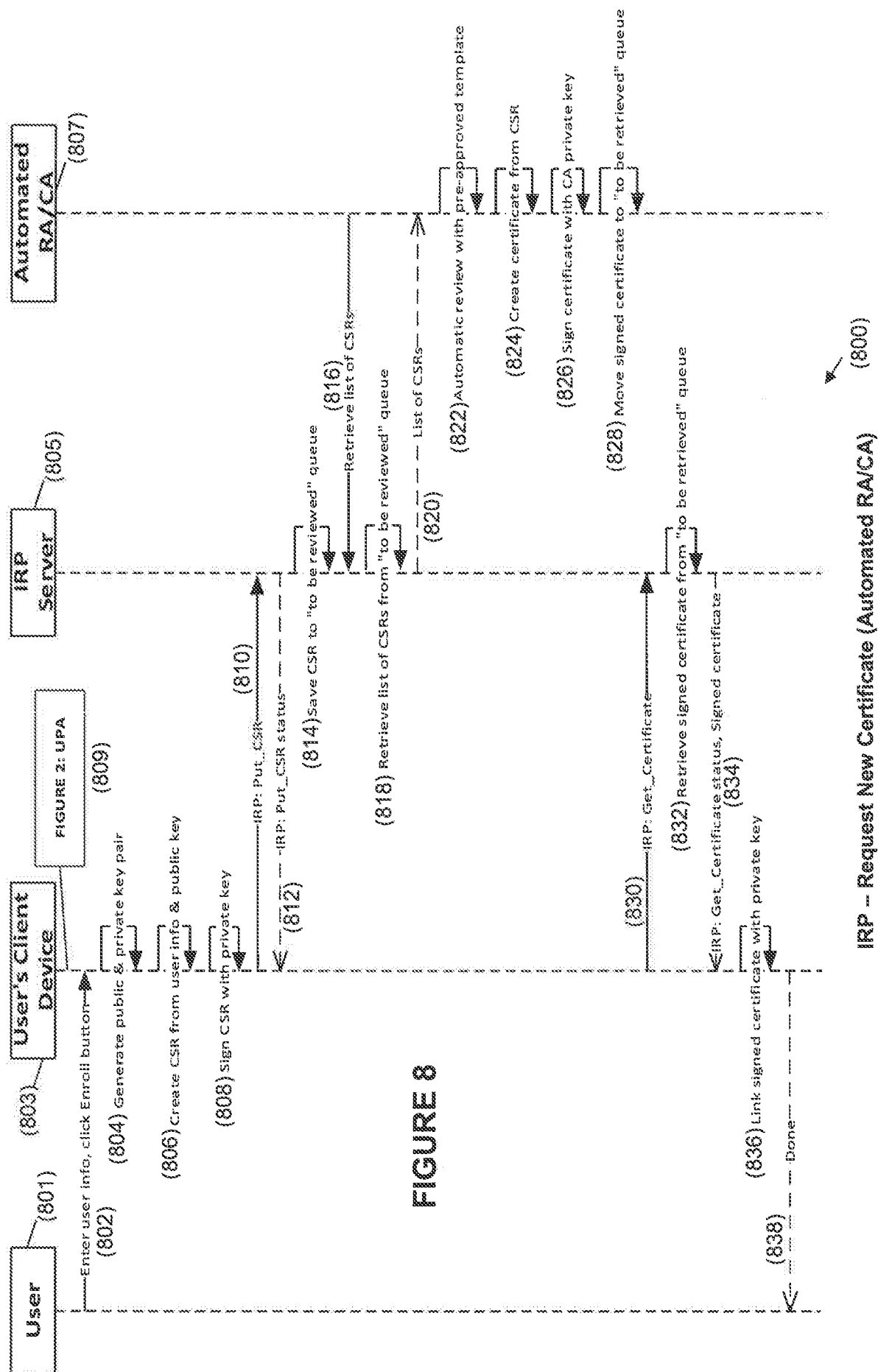
Web – Approve CSR (500)

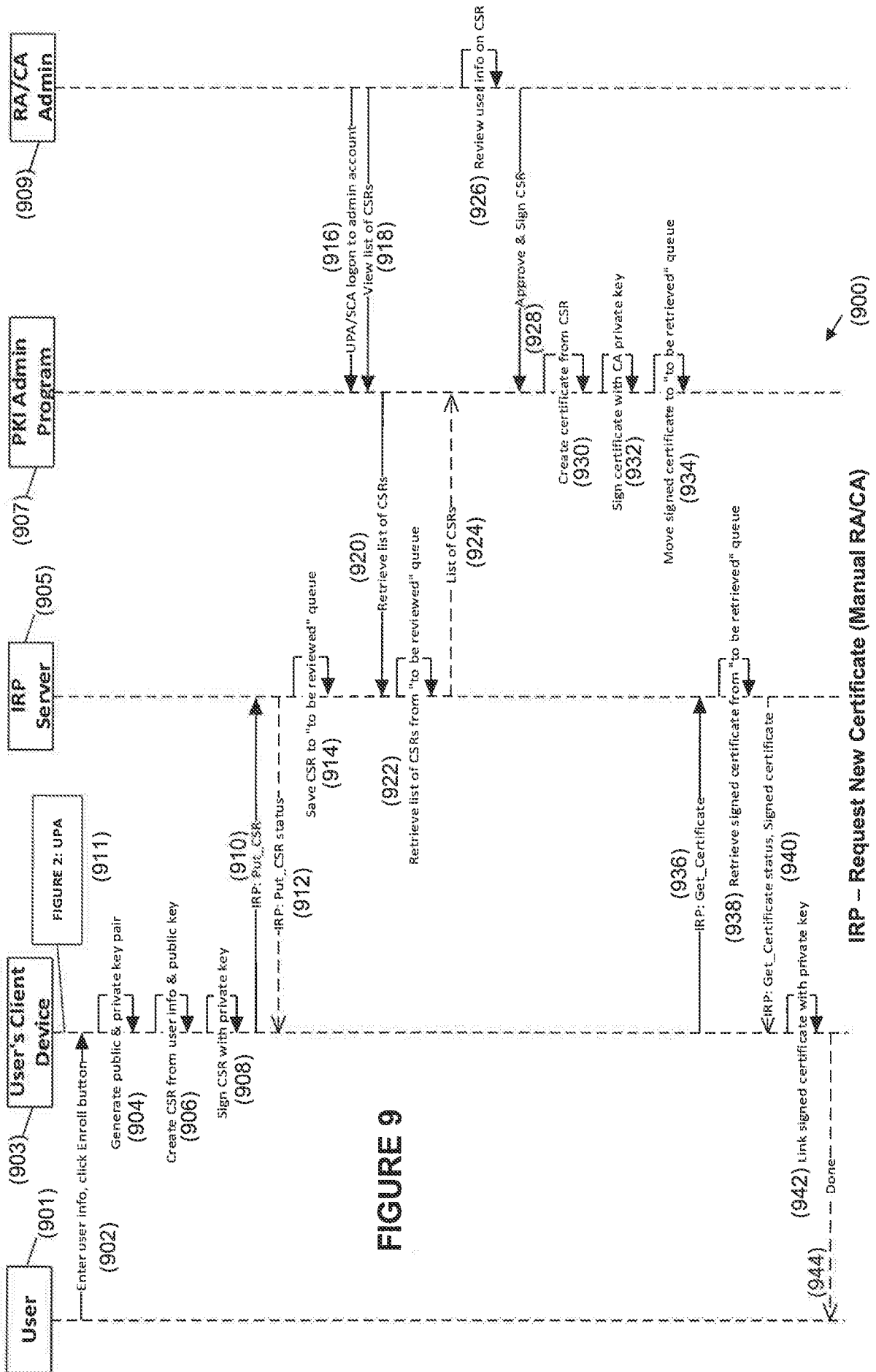
FIGURE 5 (PRIOR ART)

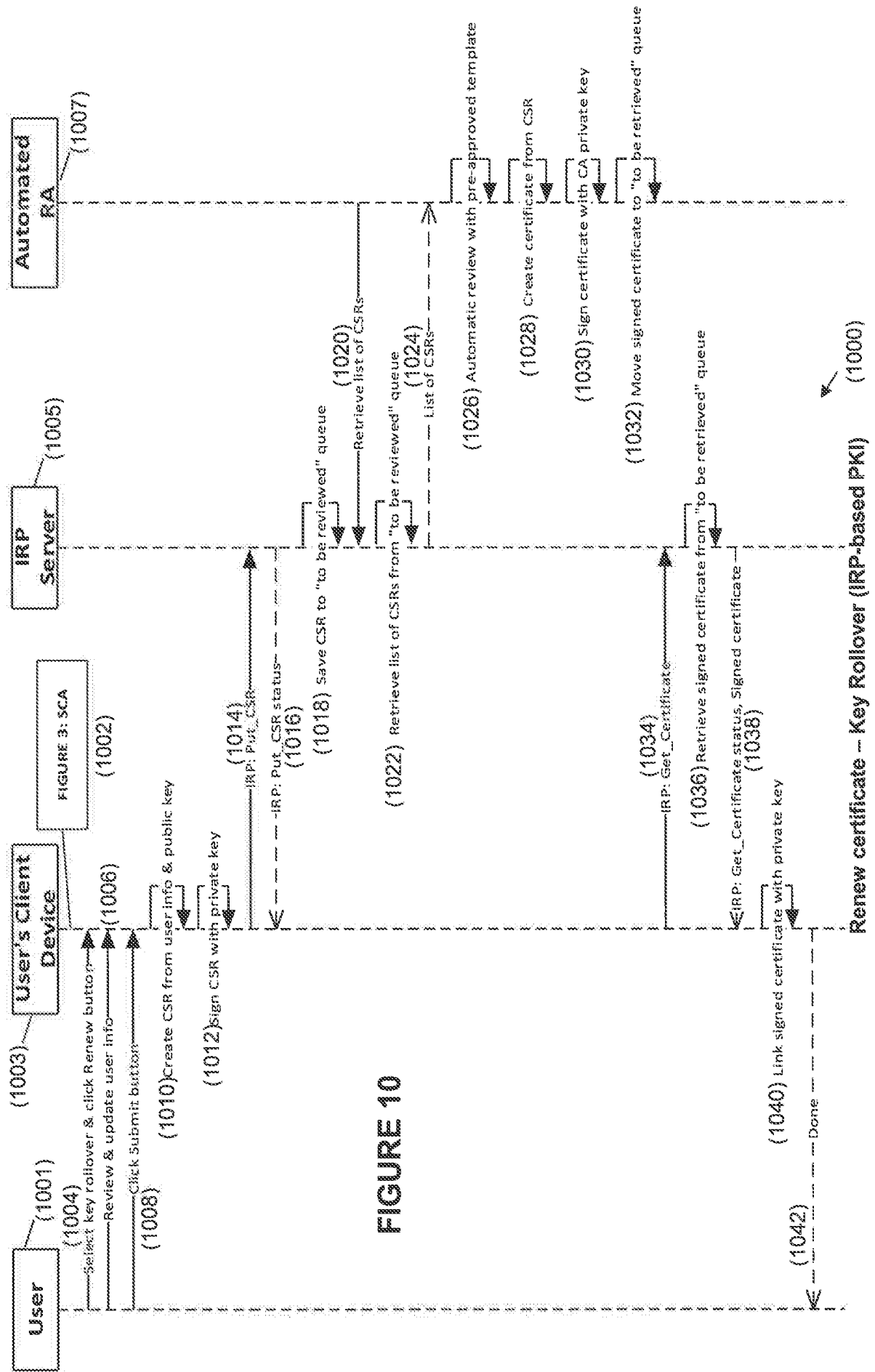


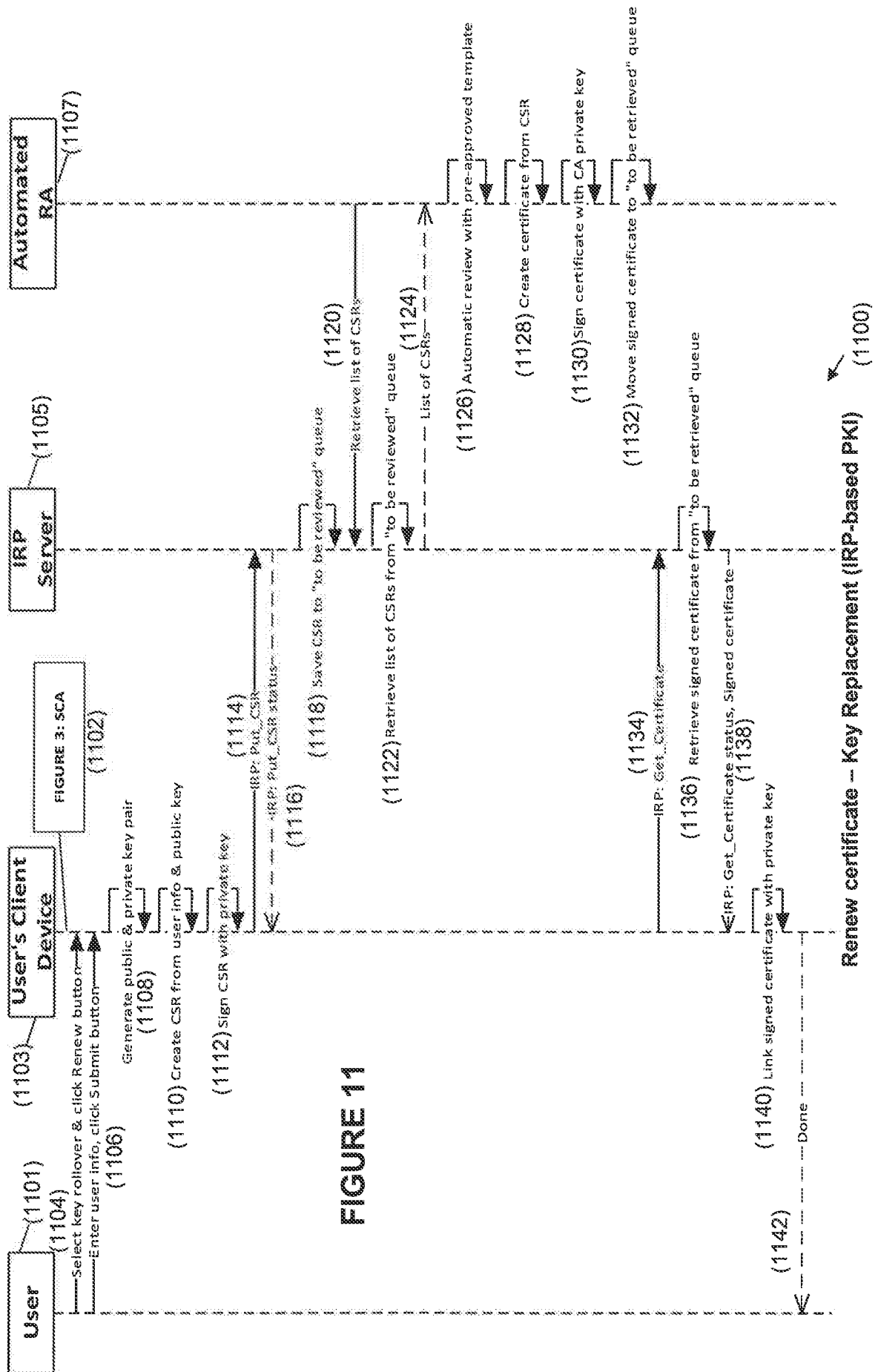


Web – Retrieve Signed Certificate
FIGURE 7 (PRIOR ART)









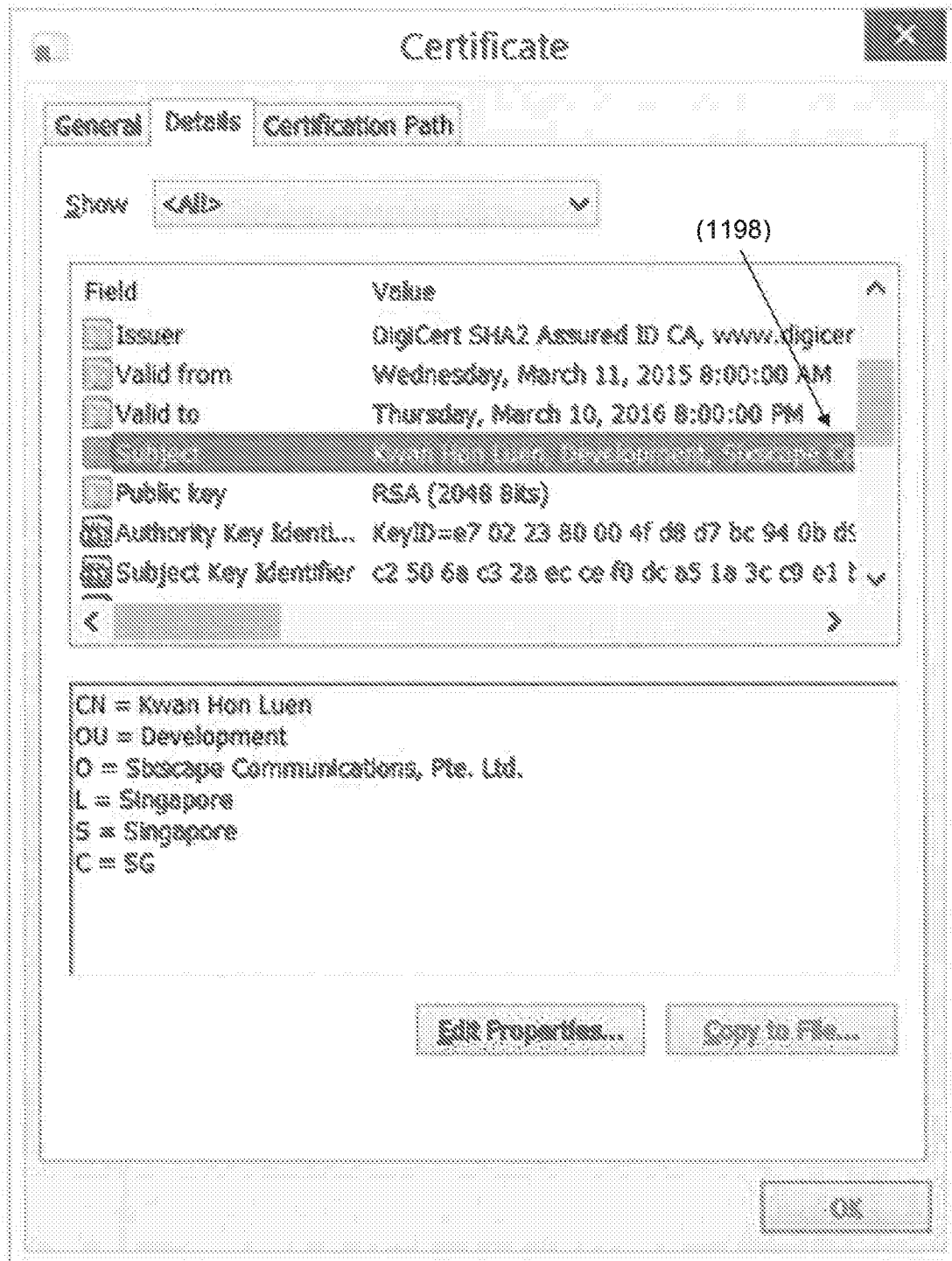
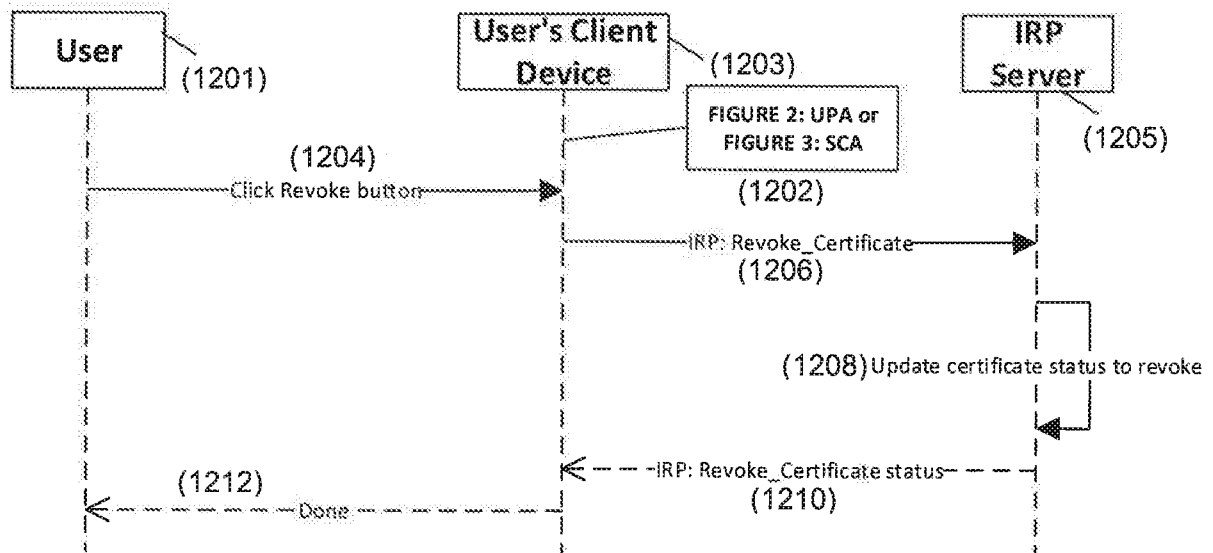
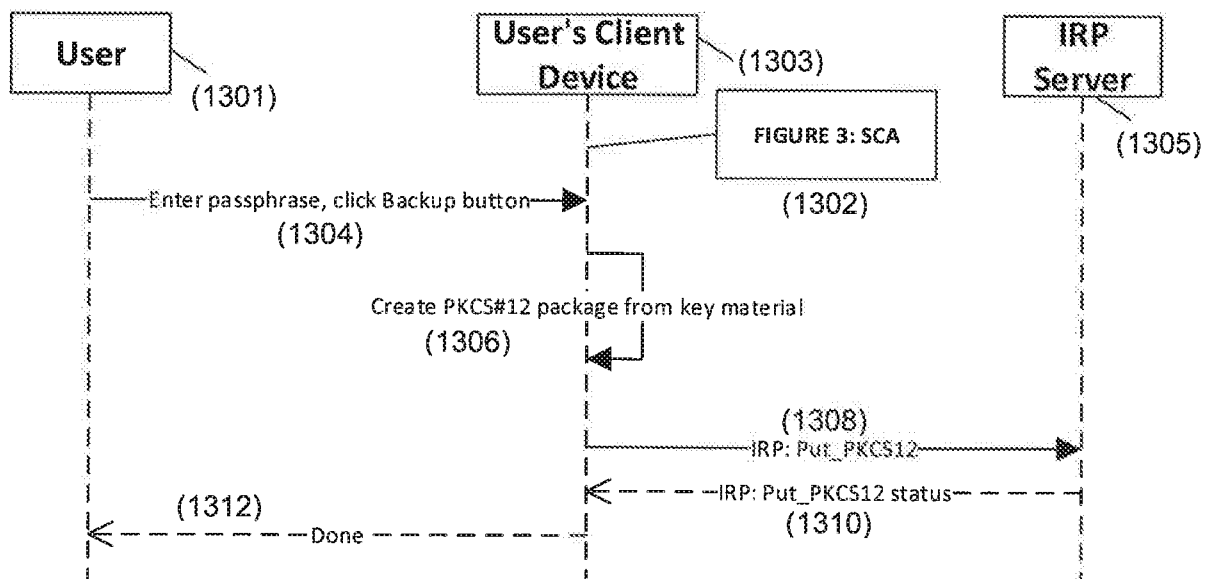


FIGURE 11A

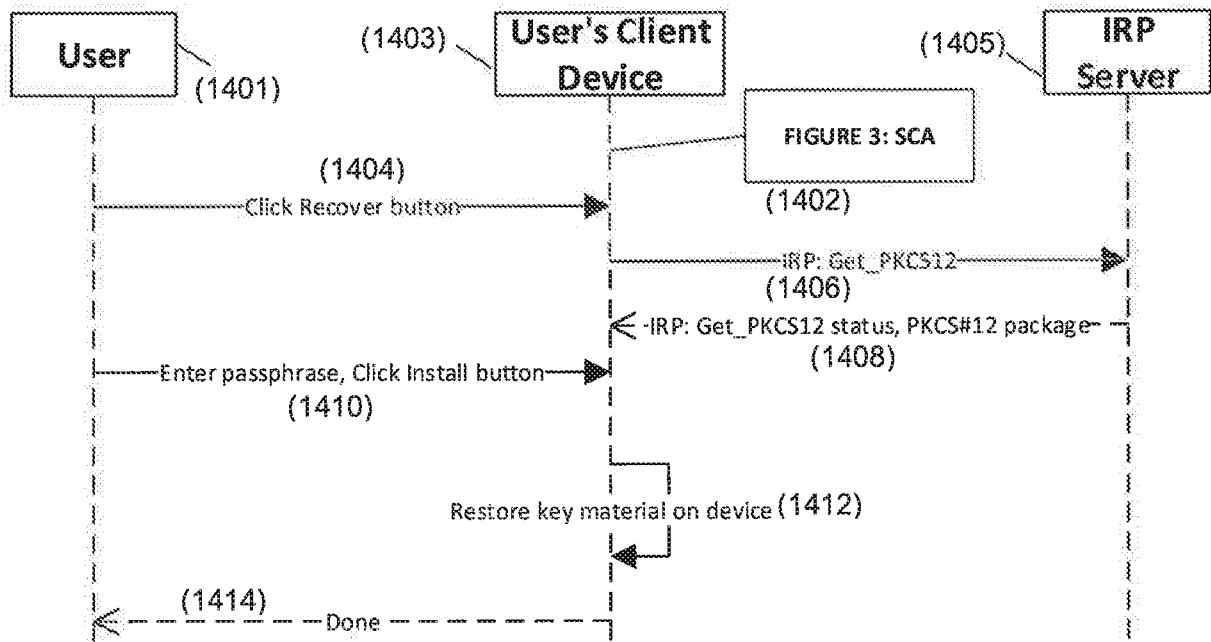
↖
(1199)



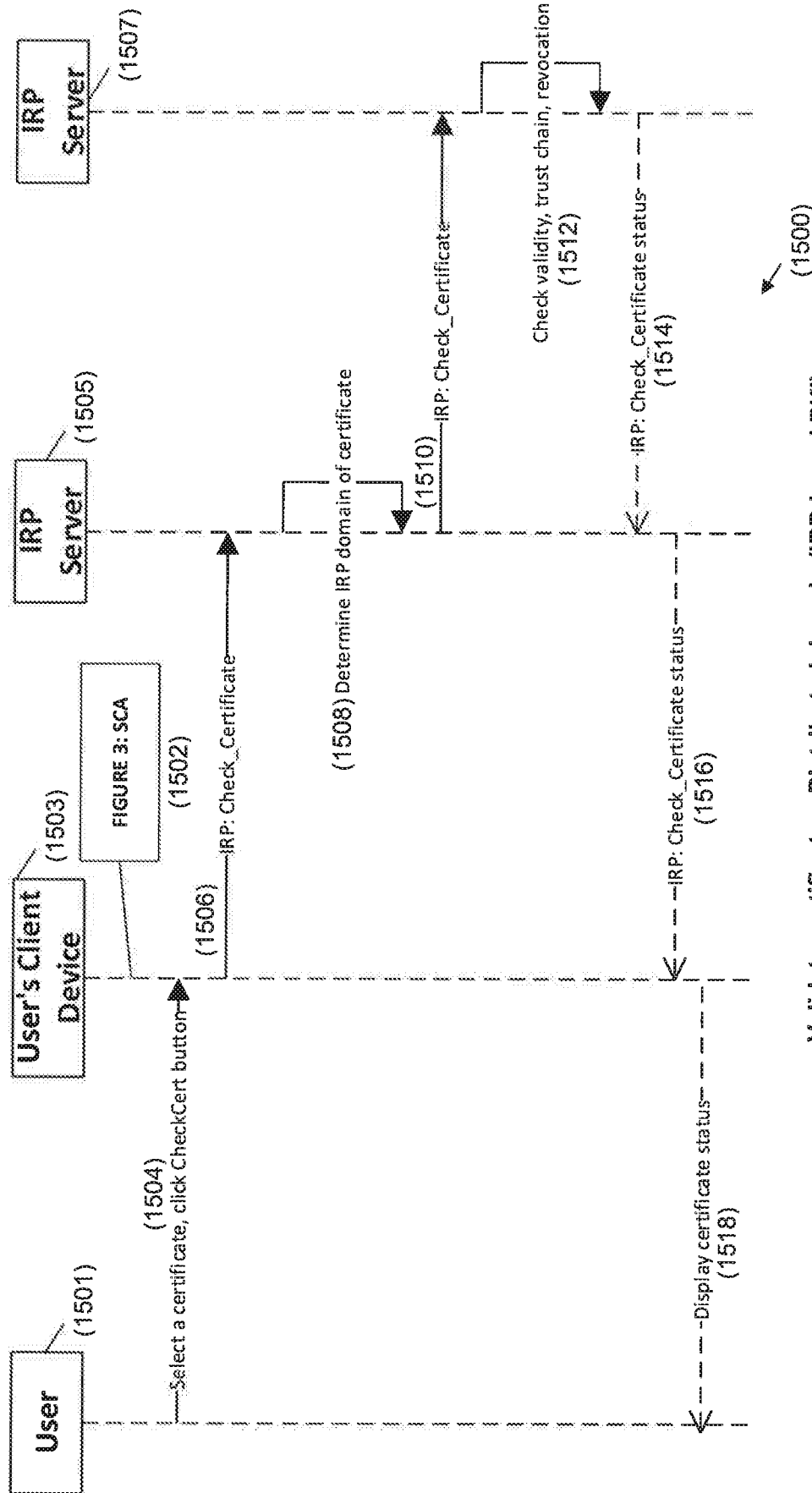
Revoke certificate (IRP-based PKI) (1200)
FIGURE 12



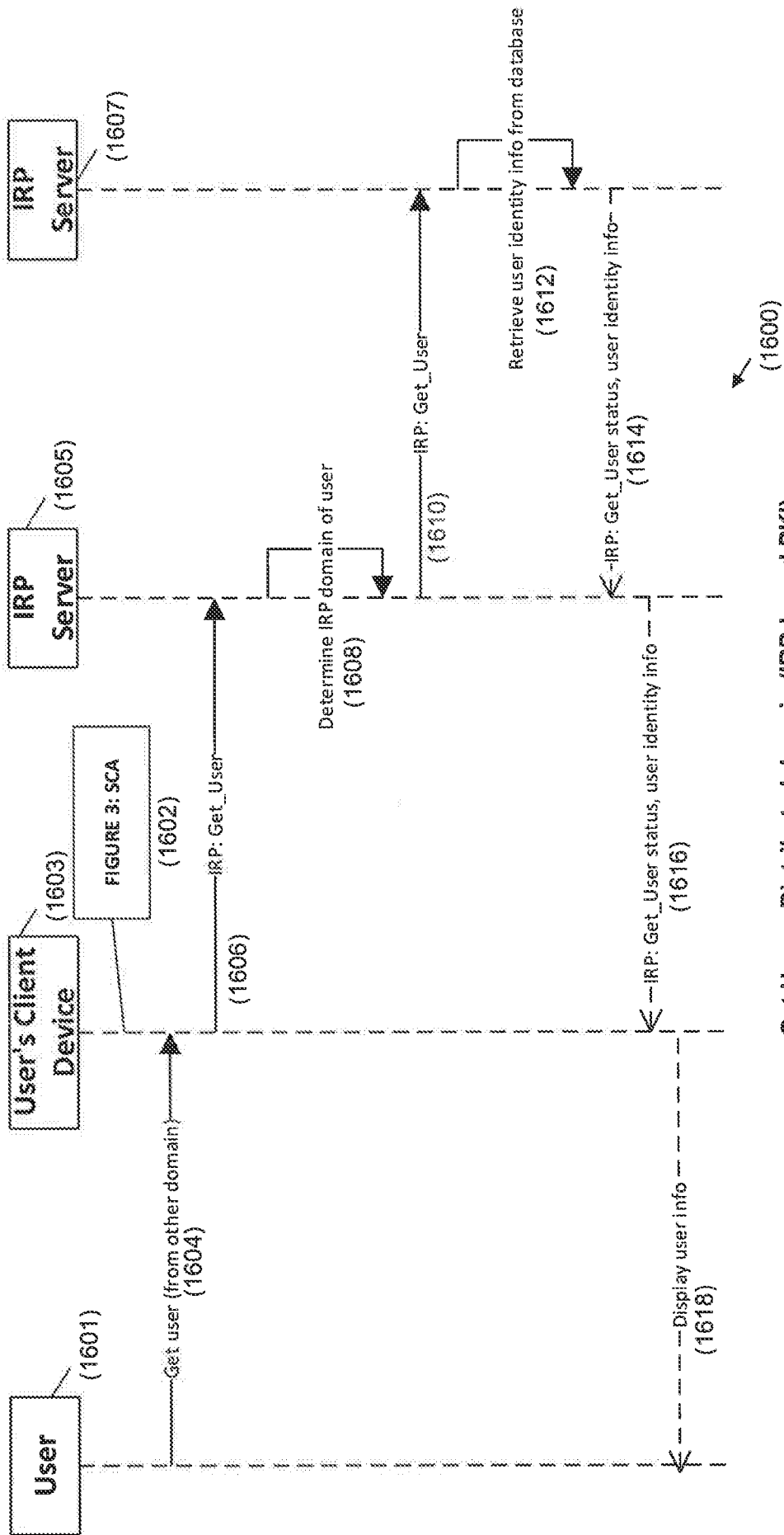
Backup key (IRP-based PKI) (1300)
FIGURE 13



Recover key (IRP-based PKI)
FIGURE 14



Validate certificate – Distributed domain (IRP-based PKI)
FIGURE 15



Get User – Distributed domain (IRP-based PKI)

FIGURE 16

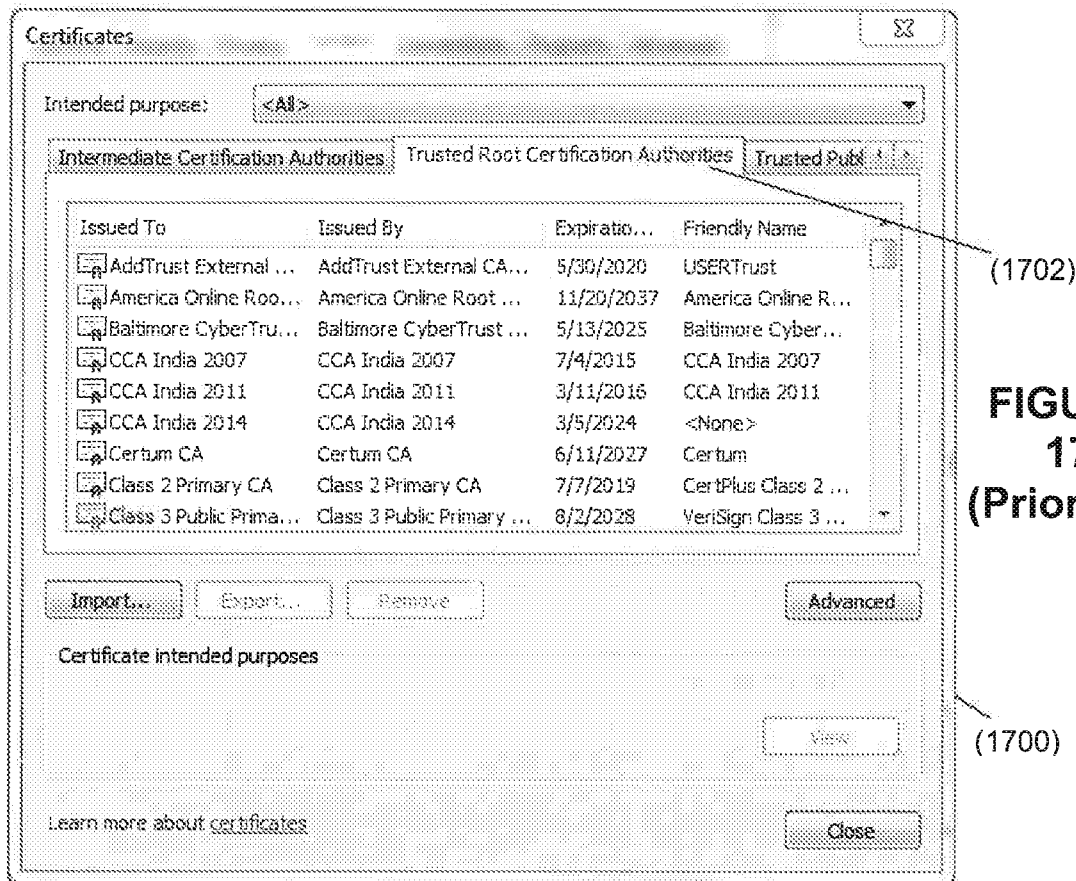


FIGURE 17
(Prior Art)

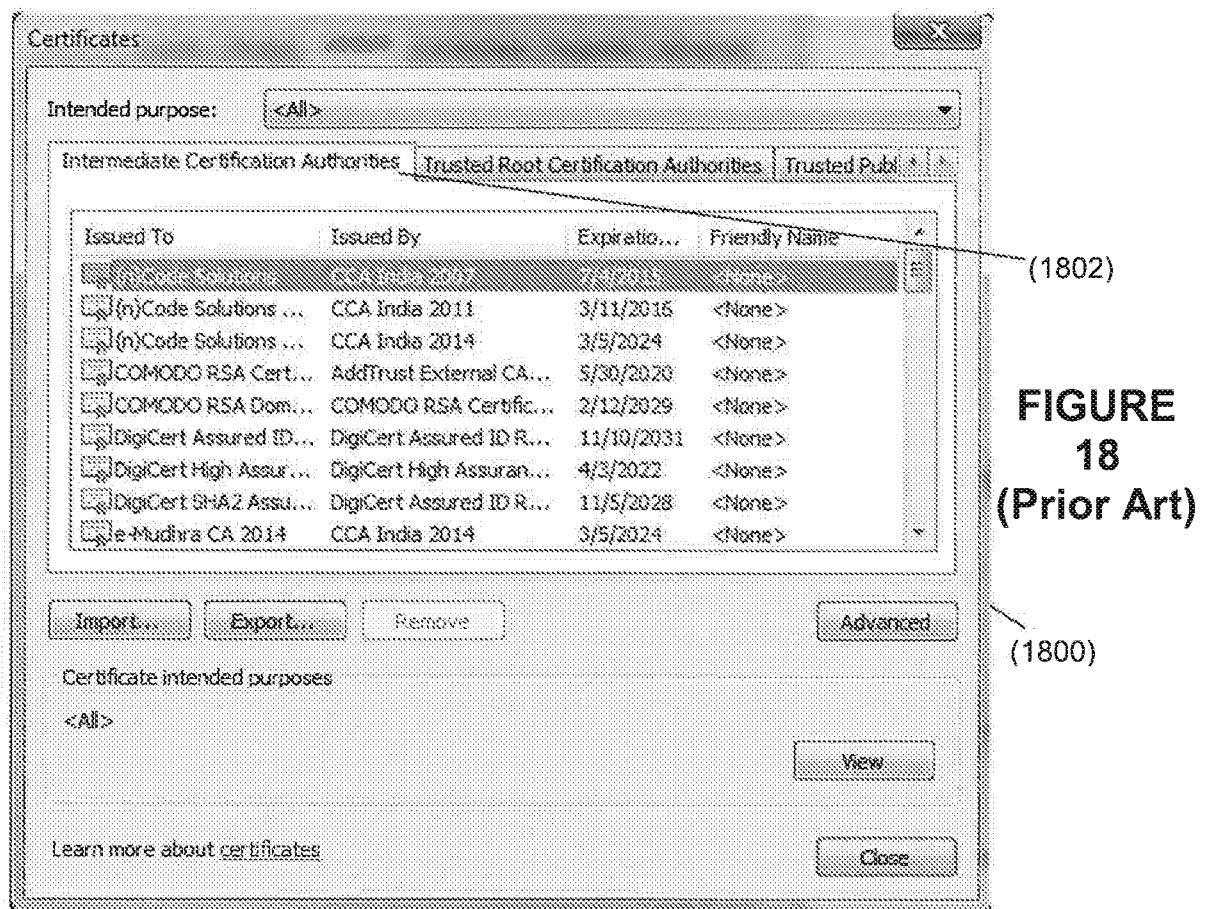
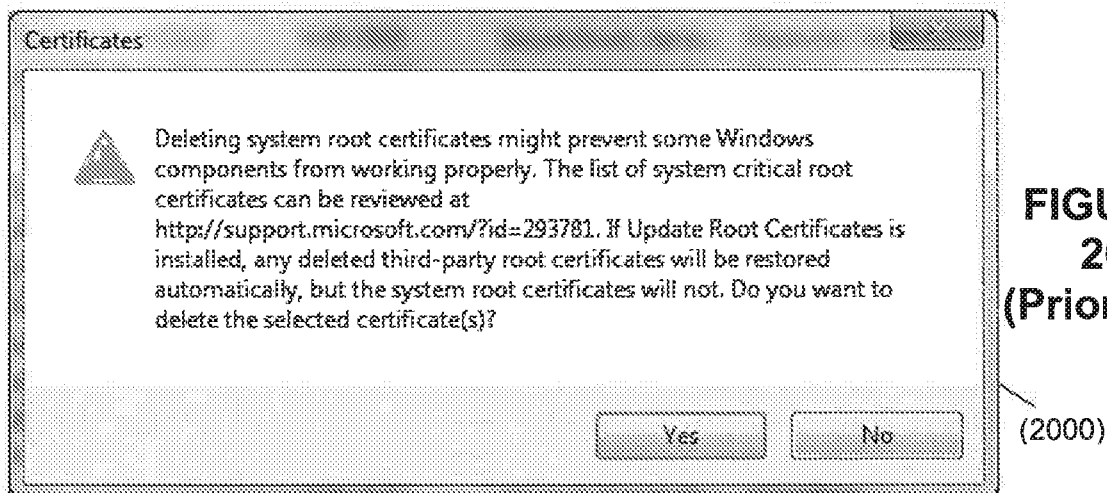


FIGURE 18
(Prior Art)



**FIGURE
19
(Prior Art)**



**FIGURE
20
(Prior Art)**

FIGURE 21