FIG. 5

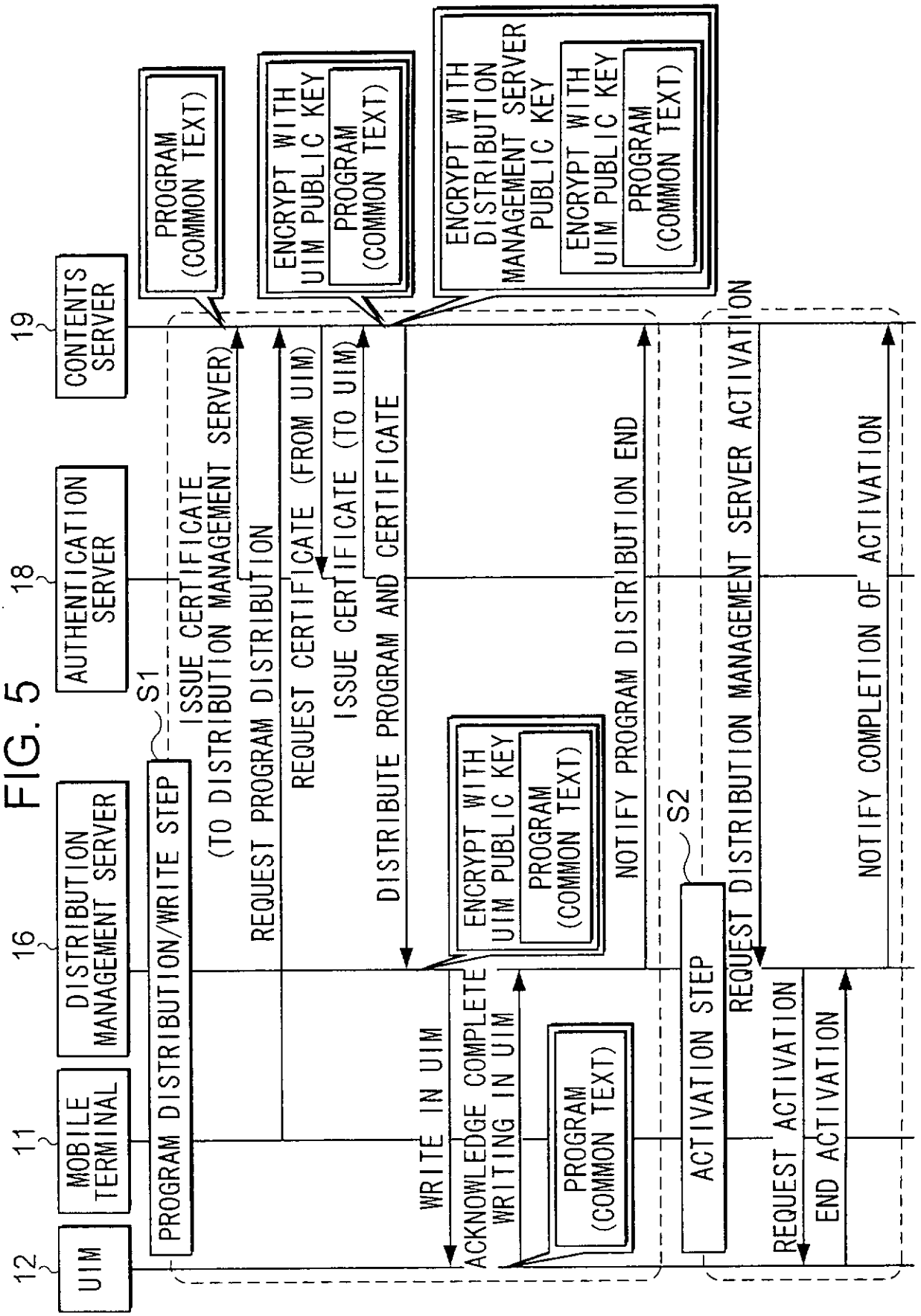
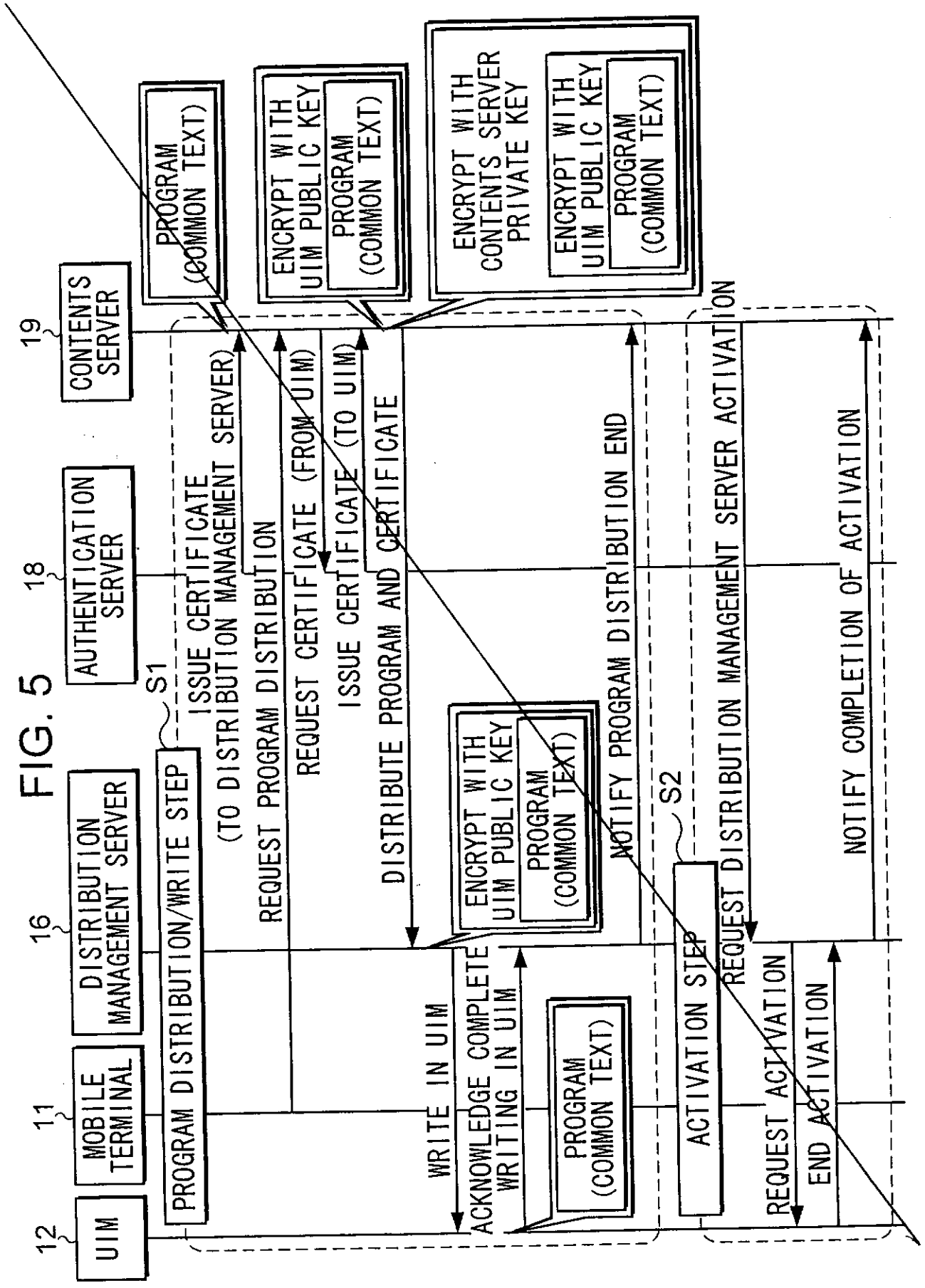

12 UIM
11 MOBILE TERMINAL
16 DISTRIBUTION MANAGEMENT SERVER
18 AUTHENTICATION SERVER
19 CONTENTS SERVER
PROGRAM DISTRIBUTION/WRITE STEP
S1
ISSUE CERTIFICATE (TO DISTRIBUTION MANAGEMENT SERVER)
REQUEST PROGRAM DISTRIBUTION
REQUEST CERTIFICATE (FROM UIM)
ISSUE CERTIFICATE (TO UIM)
DISTRIBUTE PROGRAM AND CERTIFICATE
PROGRAM (COMMON TEXT)
ENCRYPT WITH UIM PUBLIC KEY
PROGRAM (COMMON TEXT)
ENCRYPT WITH DISTRIBUTION MANAGEMENT SERVER PUBLIC KEY
ENCRYPT WITH UIM PUBLIC KEY
PROGRAM (COMMON TEXT)
WRITE IN UIM
ACKNOWLEDGE COMPLETE WRITING IN UIM
PROGRAM (COMMON TEXT)
NOTIFY PROGRAM DISTRIBUTION END
S2
ACTIVATION STEP
REQUEST DISTRIBUTION MANAGEMENT SERVER ACTIVATION
REQUEST ACTIVATION
END ACTIVATION
NOTIFY COMPLETION OF ACTIVATION

FIG. 5


12
UIM
11
MOBILE TERMINAL
16
DISTRIBUTION MANAGEMENT SERVER
18
AUTHENTICATION SERVER
19
CONTENTS SERVER
PROGRAM DISTRIBUTION/WRITE STEP
S1
ISSUE CERTIFICATE (TO DISTRIBUTION MANAGEMENT SERVER)
REQUEST PROGRAM DISTRIBUTION
REQUEST CERTIFICATE (FROM UIM)
ISSUE CERTIFICATE (TO UIM)
DISTRIBUTE PROGRAM AND CERTIFICATE
PROGRAM (COMMON TEXT)
ENCRYPT WITH UIM PUBLIC KEY
PROGRAM (COMMON TEXT)
ENCRYPT WITH CONTENTS SERVER PRIVATE KEY
ENCRYPT WITH UIM PUBLIC KEY
PROGRAM (COMMON TEXT)
WRITE IN UIM
ACKNOWLEDGE COMPLETE WRITING IN UIM
PROGRAM (COMMON TEXT)
NOTIFY PROGRAM DISTRIBUTION END
S2
ACTIVATION STEP
REQUEST DISTRIBUTION MANAGEMENT SERVER ACTIVATION
NOTIFY COMPLETION OF ACTIVATION
REQUEST ACTIVATION
END ACTIVATION