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FIG. 1

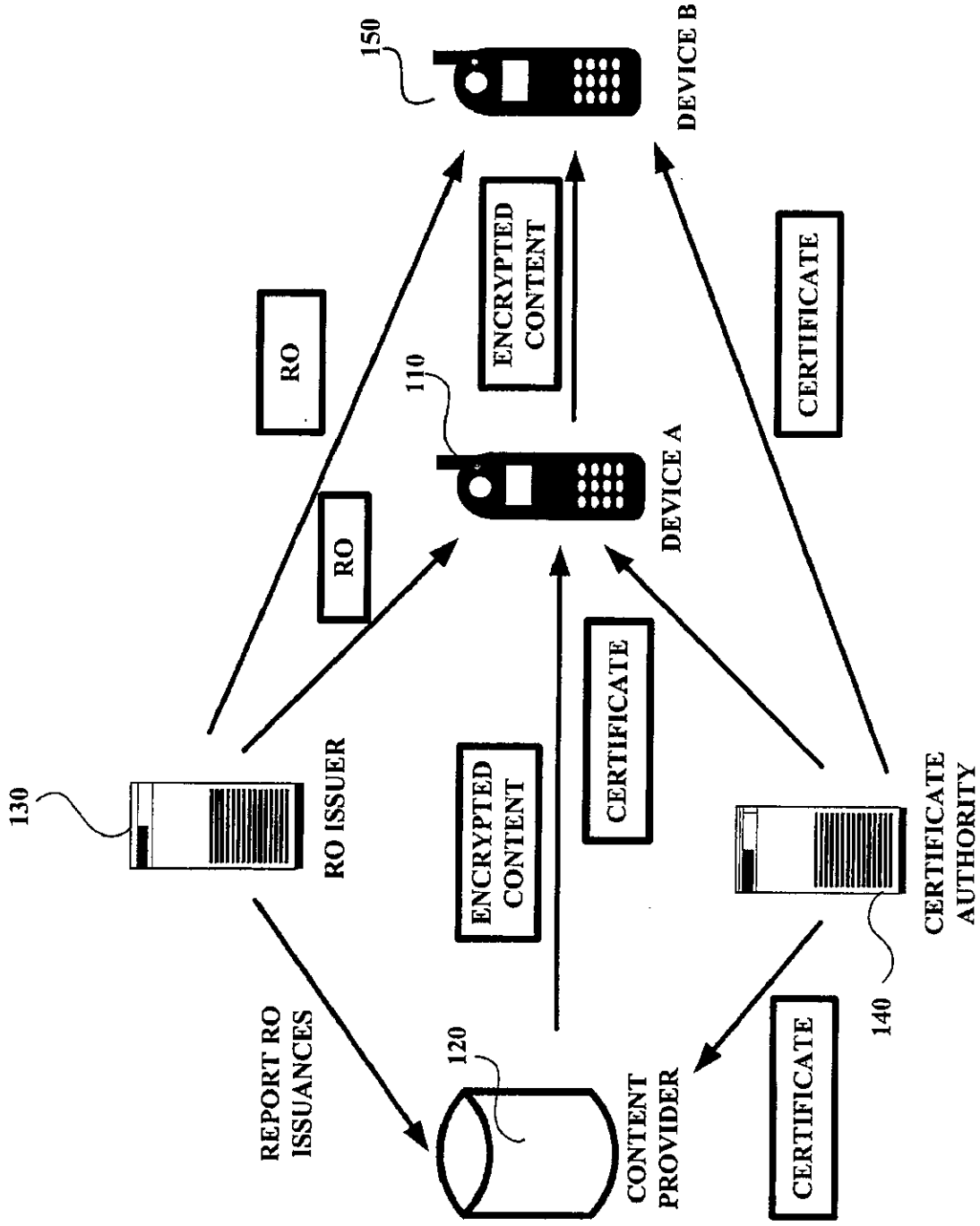


FIG. 2

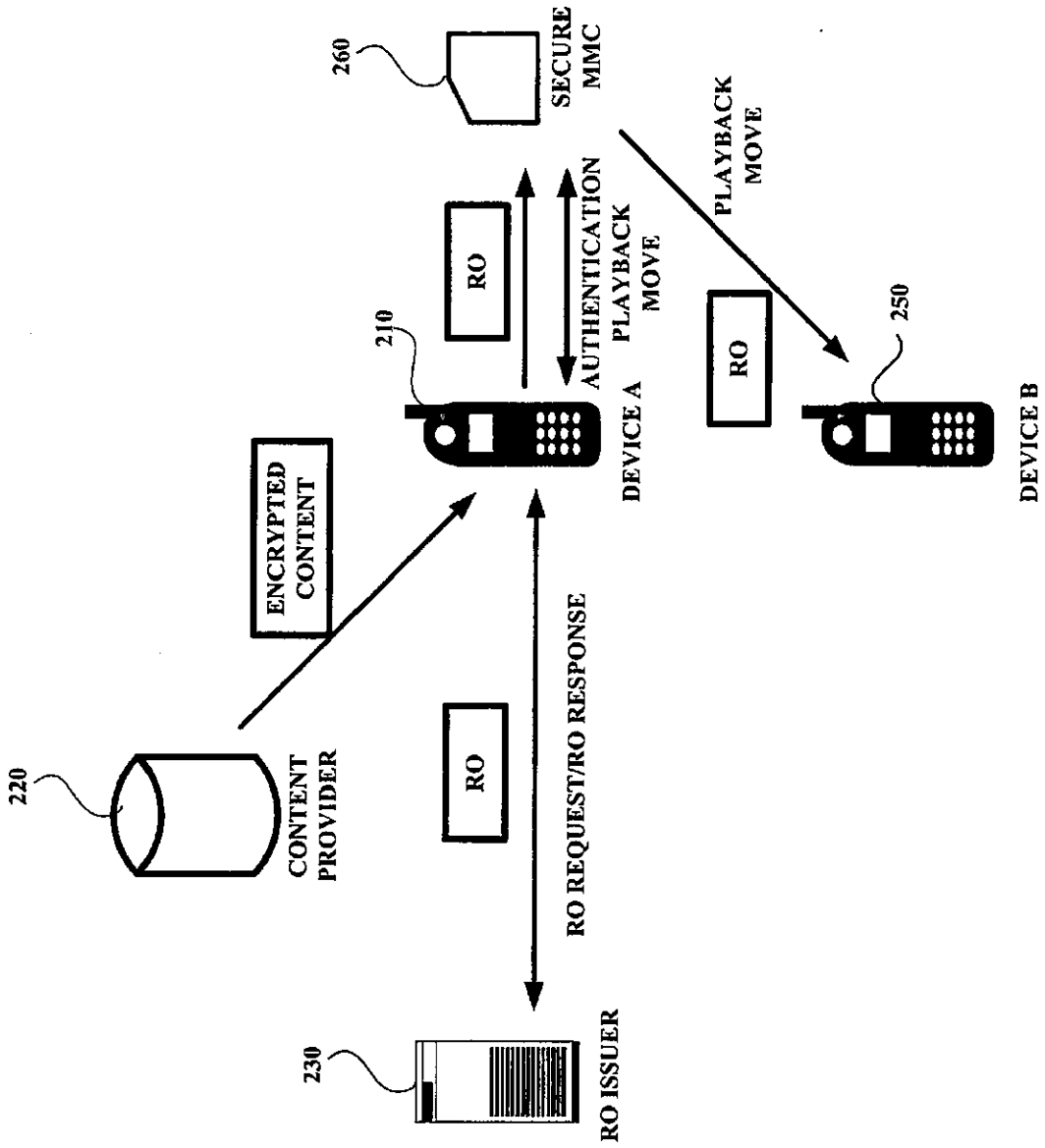

260
SECURE MMC
PLAYBACK MOVE
RO
AUTHENTICATION
PLAYBACK MOVE
210
DEVICE A
RO
250
DEVICE B
ENCRYPTED CONTENT
220
CONTENT PROVIDER
RO
RO REQUEST/RO RESPONSE
230
RO ISSUER

FIG. 3

			DESCRIPTION	Type
VERSION(300)			DRM System Version	1 byte
ASSET (320)	Id		Asset Name	Not Fixed
	uid		Content URI	URI (256 byte)
	Inherit		Subscription id	Not Fixed
	Key Value		Content Encryption Key	128 bits
...			...	...
PERMISSION (340)	Idref		RO ID	Not Fixed
	Playback		Constraint	Constraint
	Display		Constraint	Constraint
	Excute		Constraint	Constraint
	Print		Constraint	Constraint
	Export	Mode	Move or Copy	4 bytes
		Constraint	Constraint	Constraint
...			...	...

FIG. 4

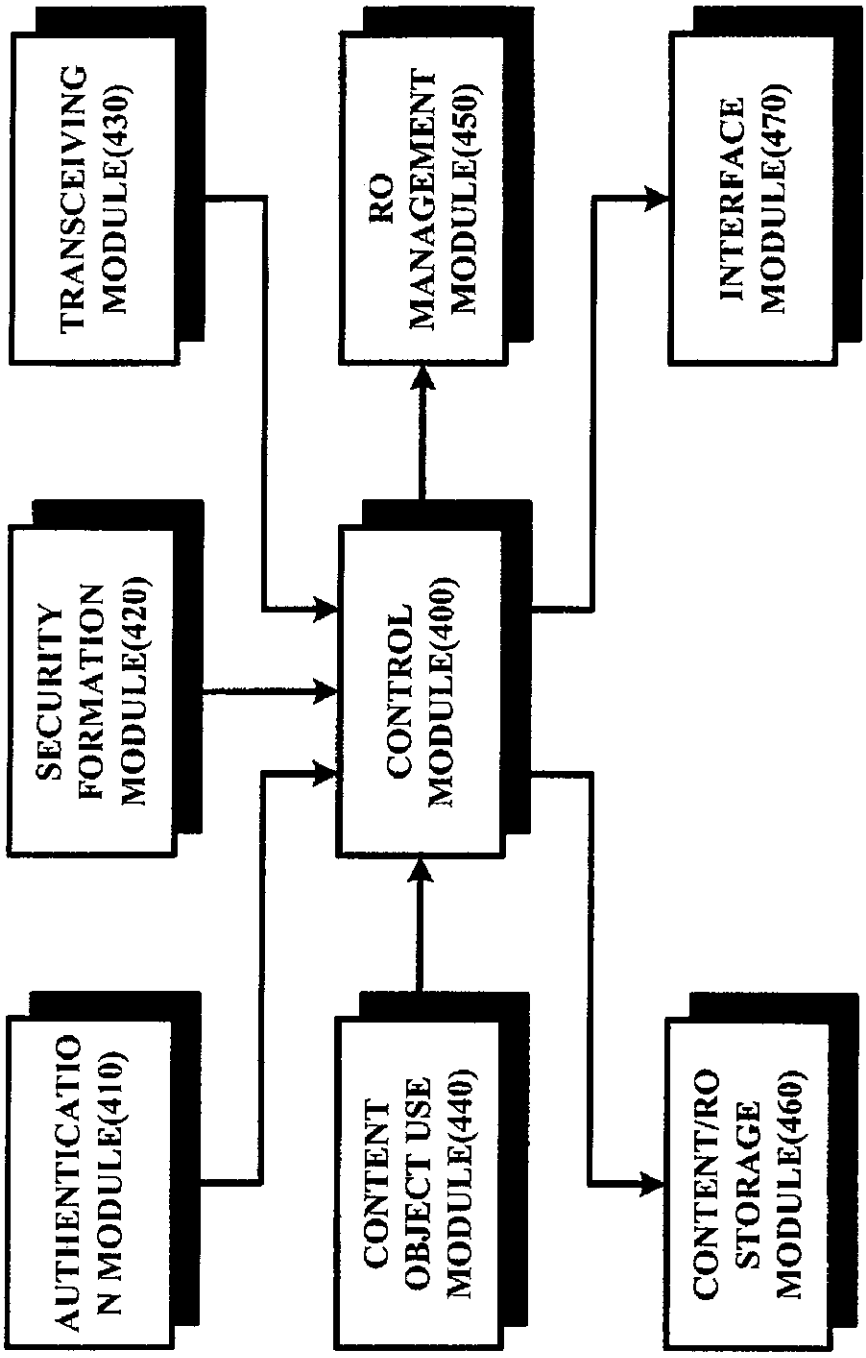

TRANSCEIVING MODULE(430)
RO MANAGEMENT MODULE(450)
INTERFACE MODULE(470)
SECURITY FORMATION MODULE(420)
CONTROL MODULE(400)
AUTHENTICATIO N MODULE(410)
CONTENT OBJECT USE MODULE(440)
CONTENT/RO STORAGE MODULE(460)

FIG. 5

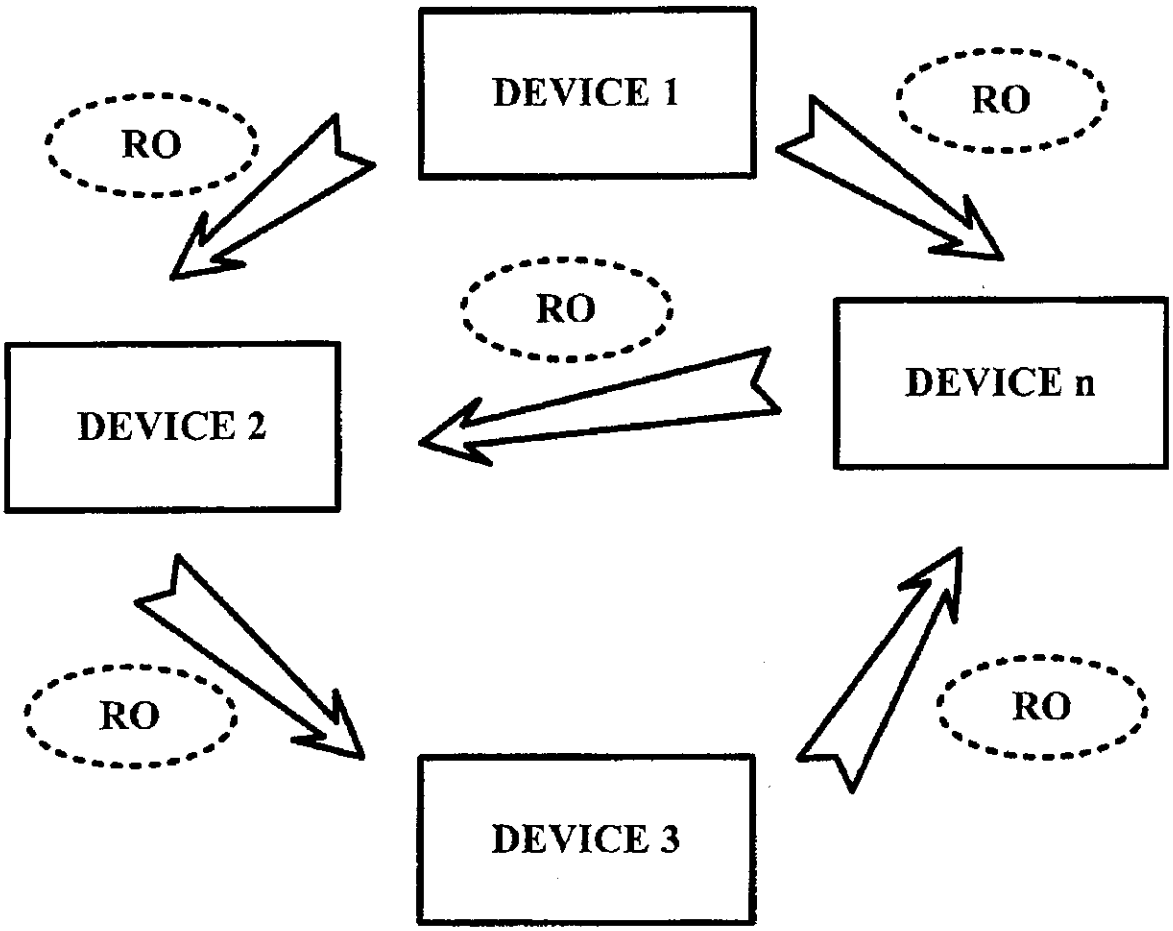


FIG. 6

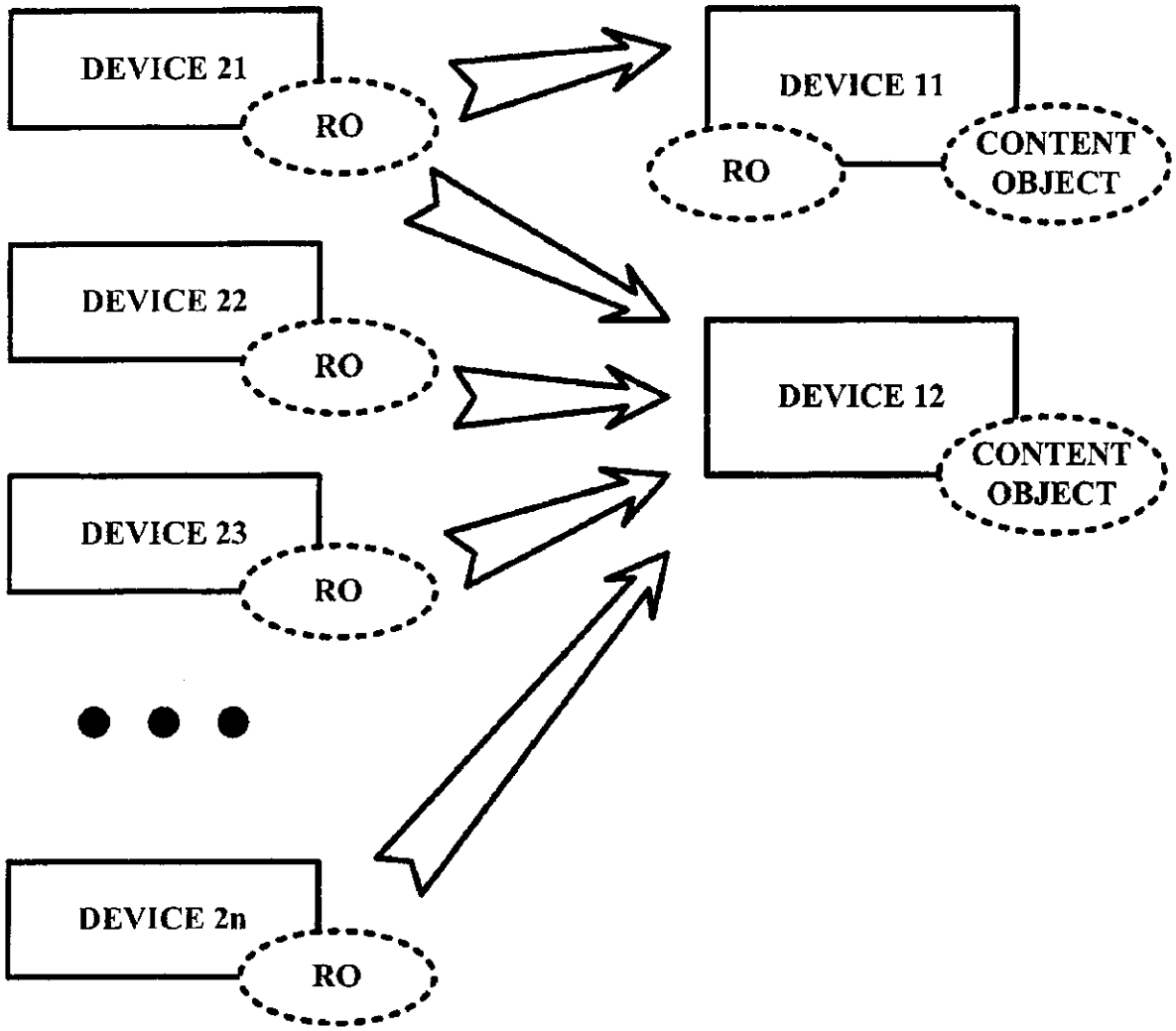

DEVICE 21
RO
DEVICE 22
RO
DEVICE 23
RO
DEVICE 2n
RO
DEVICE 11
RO
CONTENT OBJECT
DEVICE 12
CONTENT OBJECT

FIG. 7

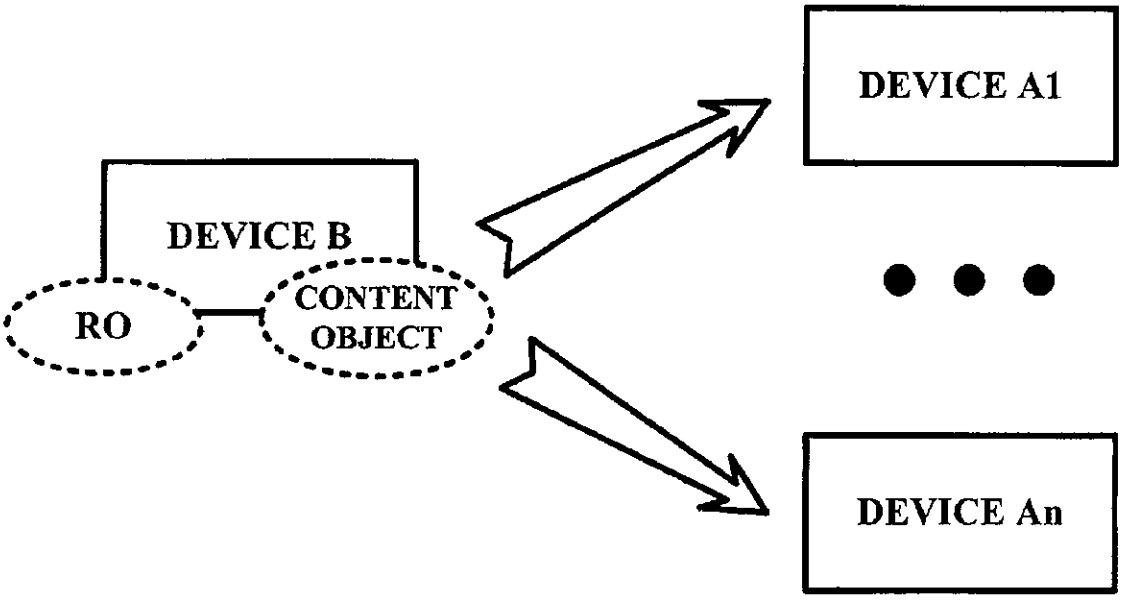

DEVICE B
RO
CONTENT OBJECT
DEVICE A1
DEVICE An

FIG. 8

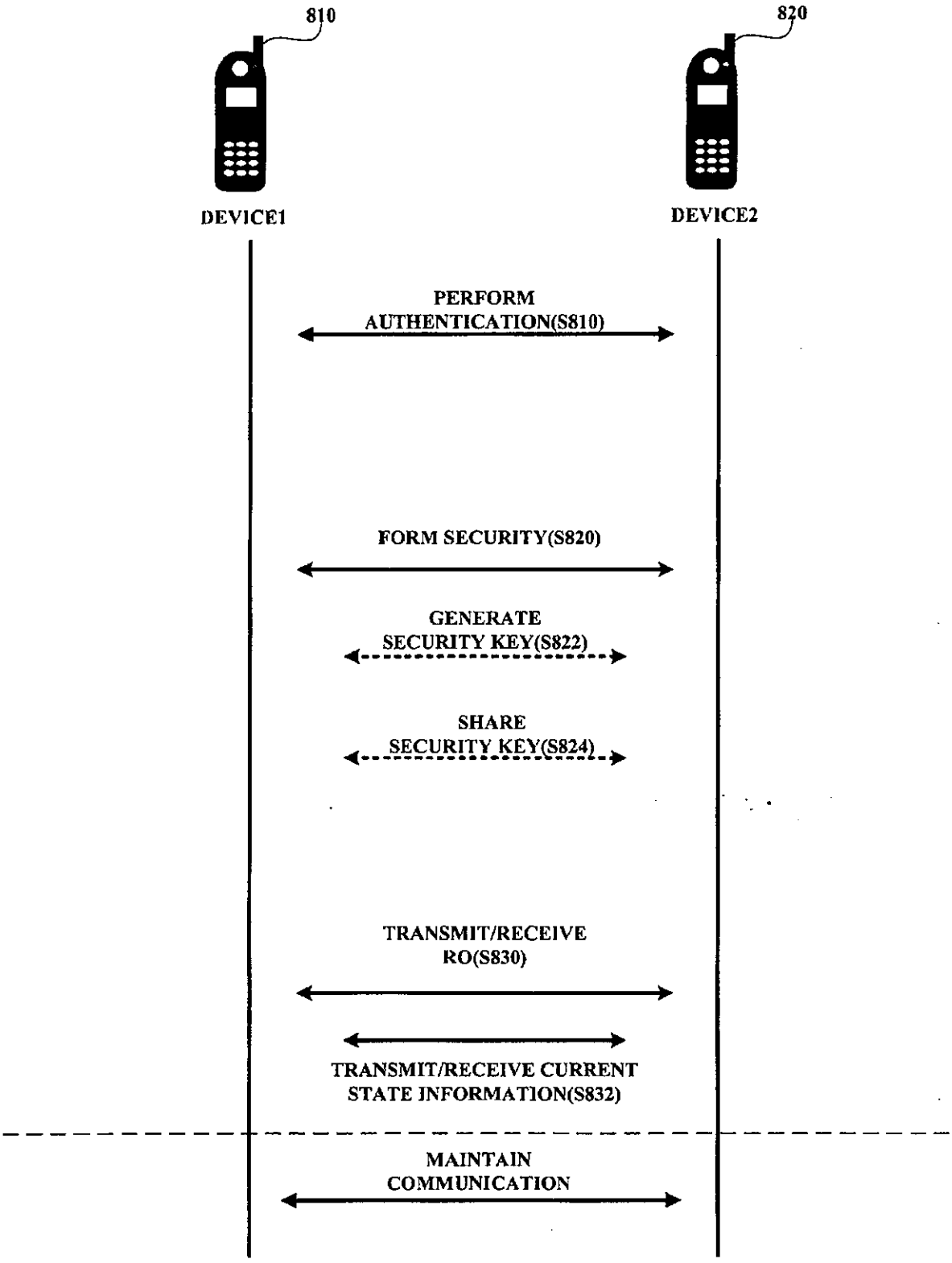
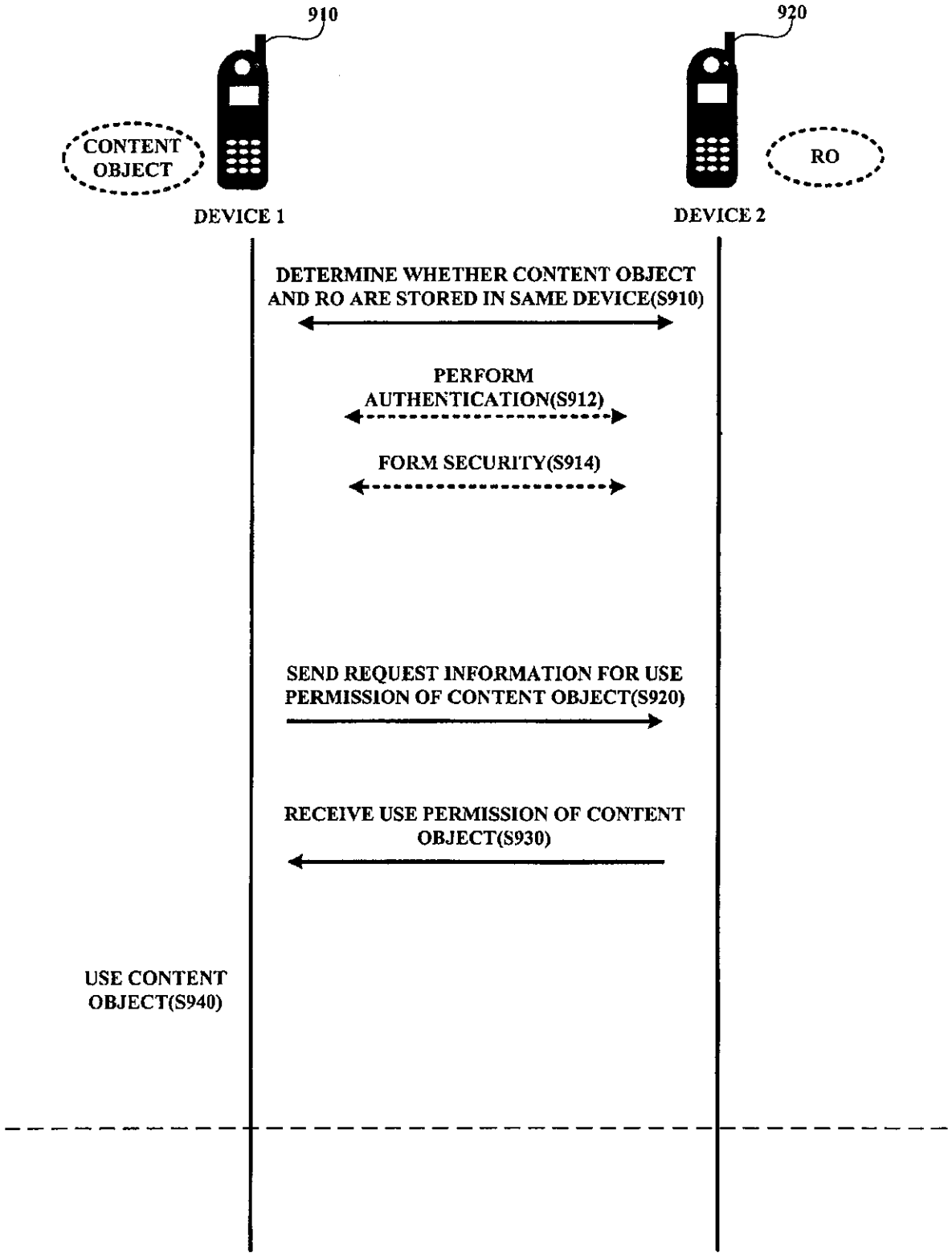
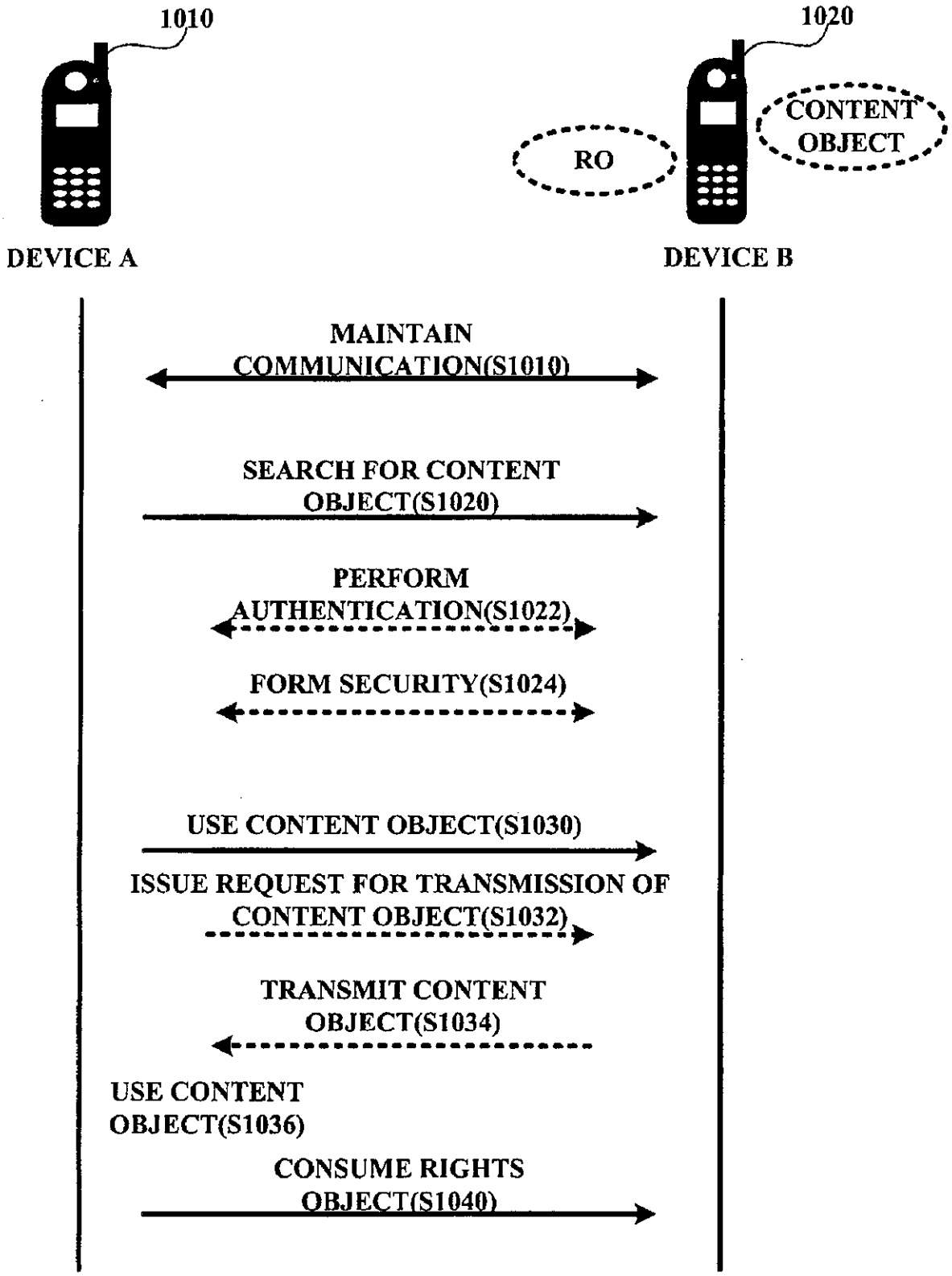

810
820
DEVICE1
DEVICE2
PERFORM AUTHENTICATION(S810)
FORM SECURITY(S820)
GENERATE SECURITY KEY(S822)
SHARE SECURITY KEY(S824)
TRANSMIT/RECEIVE RO(S830)
TRANSMIT/RECEIVE CURRENT STATE INFORMATION(S832)
MAINTAIN COMMUNICATION

FIG. 9


910
920
CONTENT OBJECT
RO
DEVICE 1
DEVICE 2
DETERMINE WHETHER CONTENT OBJECT AND RO ARE STORED IN SAME DEVICE(S910)
PERFORM AUTHENTICATION(S912)
FORM SECURITY(S914)
SEND REQUEST INFORMATION FOR USE PERMISSION OF CONTENT OBJECT(S920)
RECEIVE USE PERMISSION OF CONTENT OBJECT(S930)
USE CONTENT OBJECT(S940)

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FIG. 10



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FIG. 11

