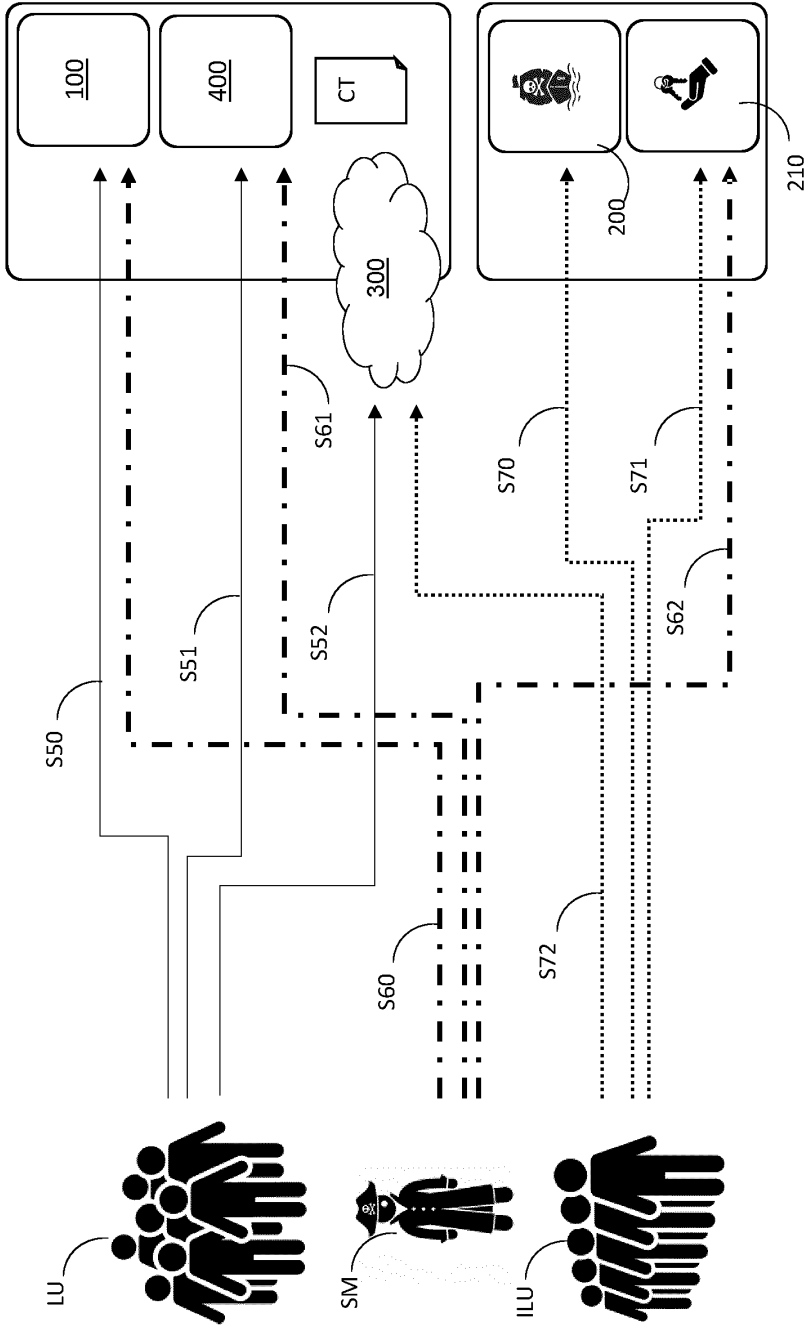
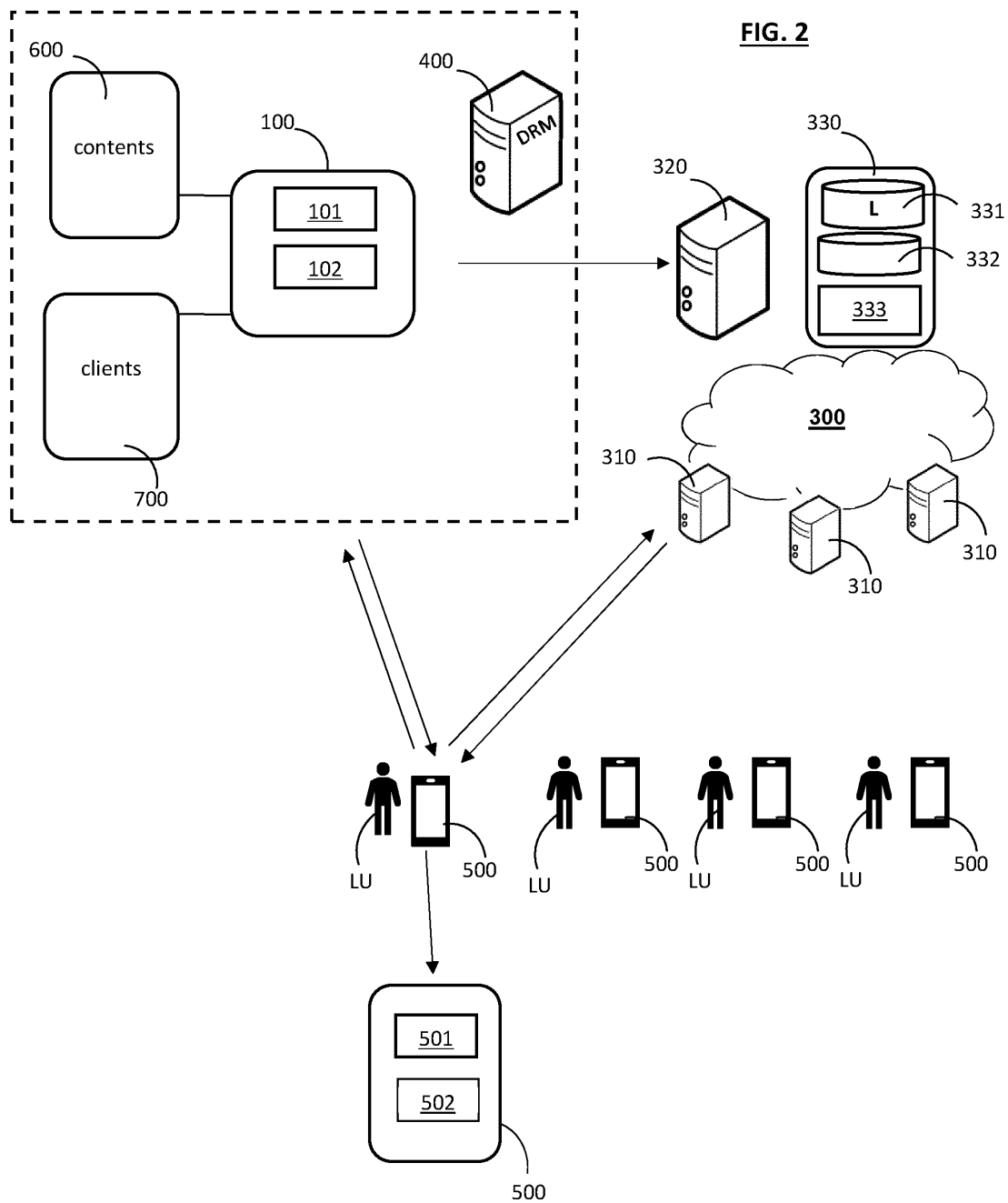
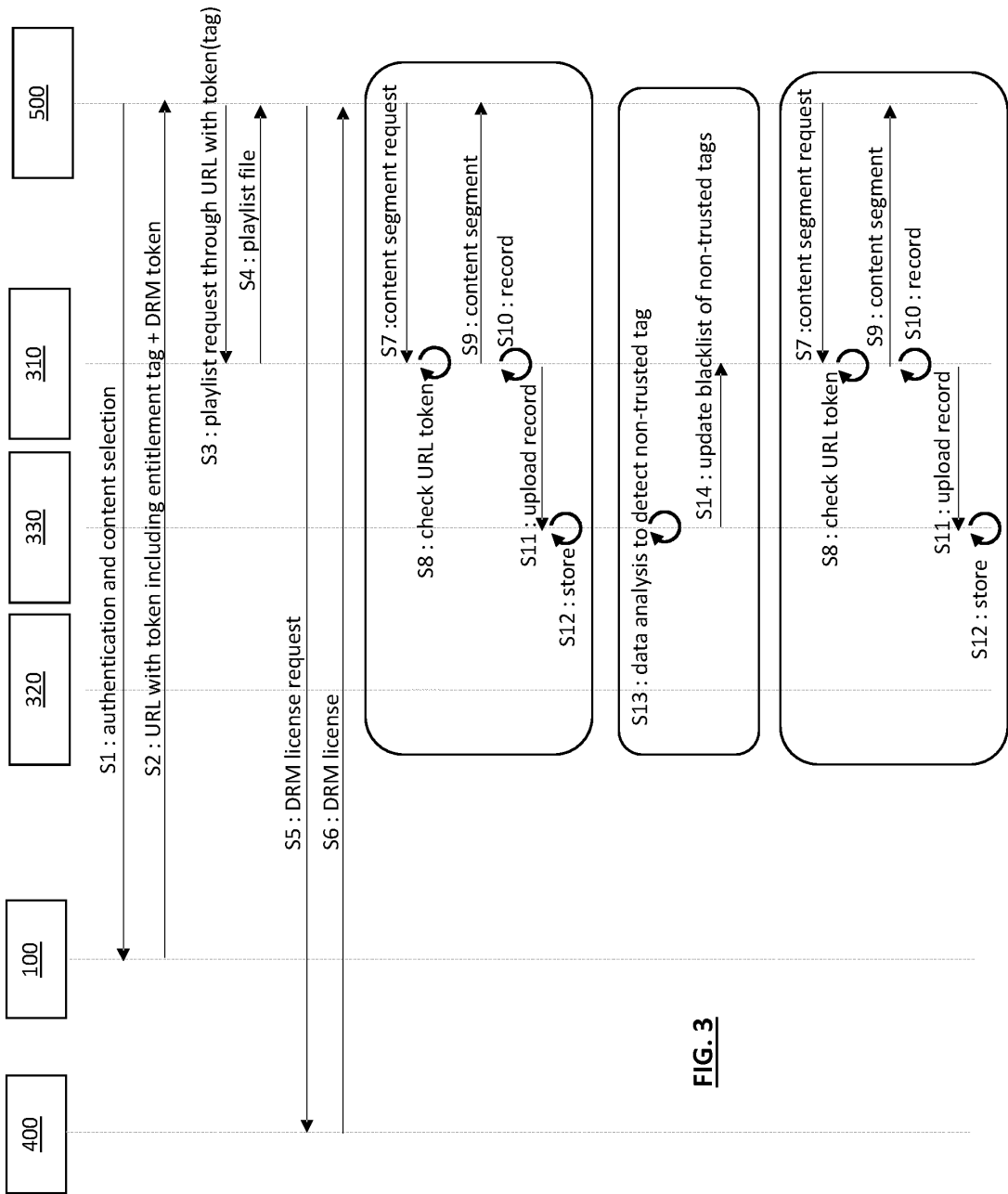


FIG. 1







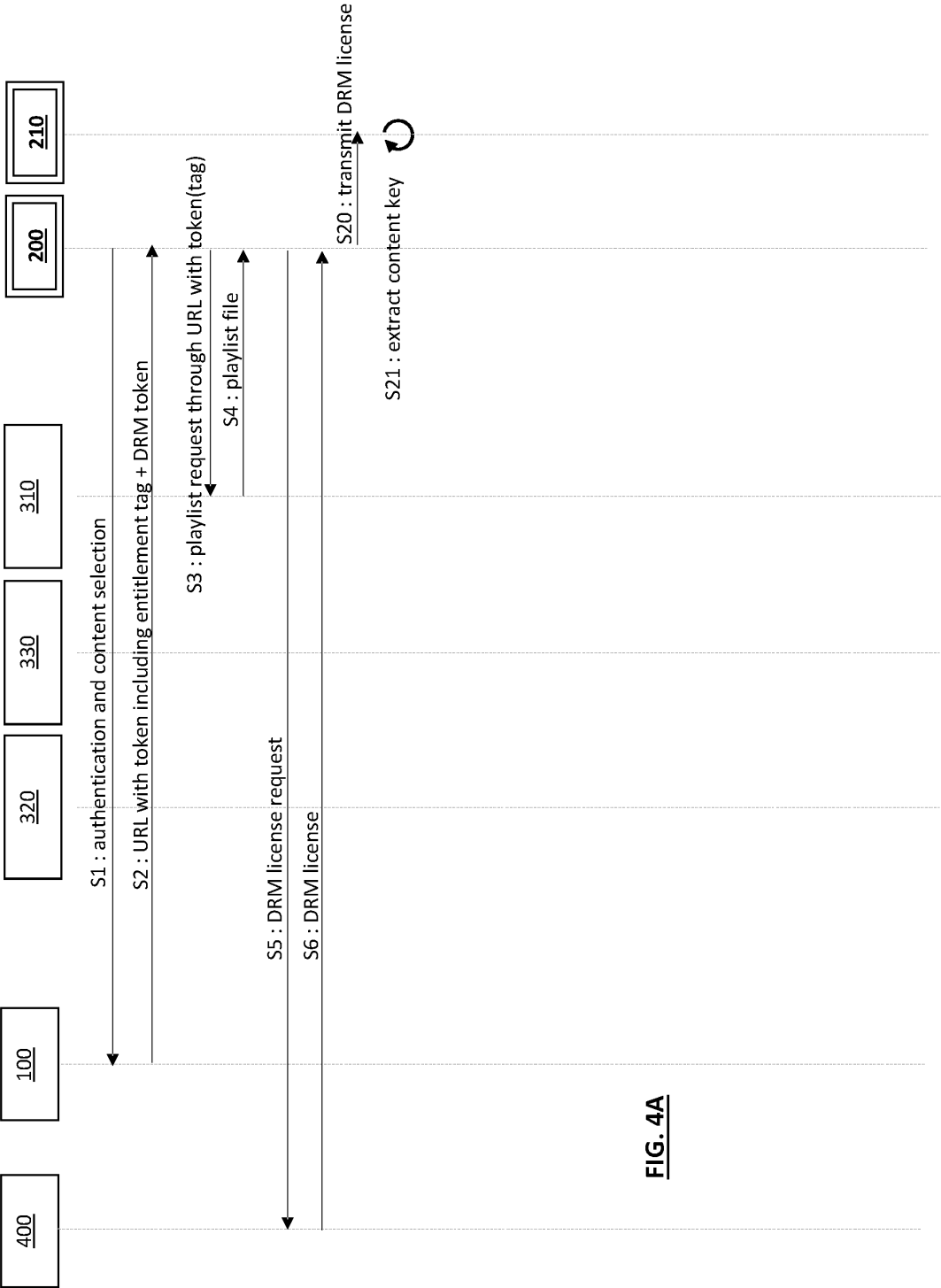


FIG. 4A

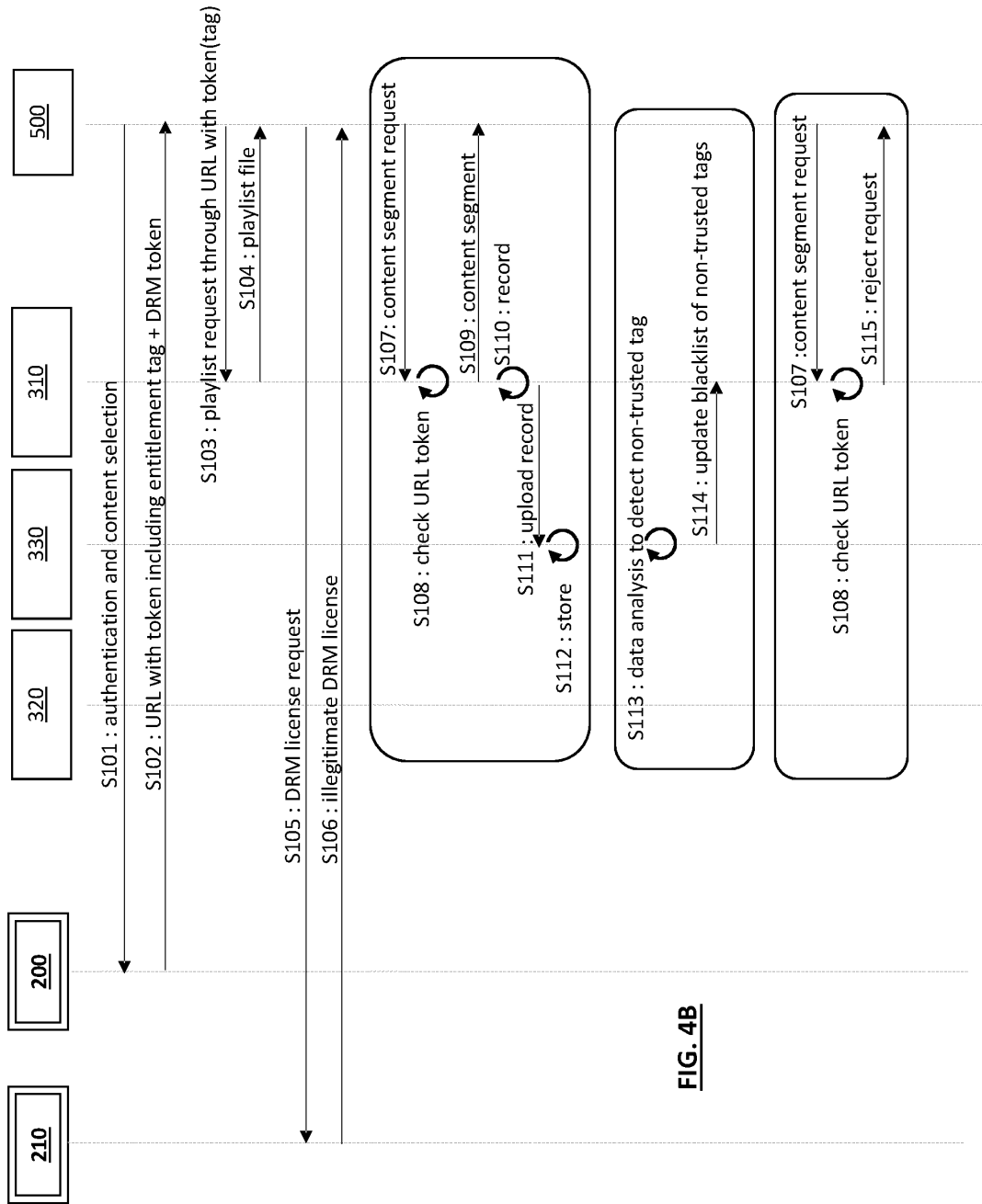


FIG. 4B

FIG. 5

Account ID	Content ID	(Estimate of number of sessions) Actual number of segment requests	User IP address:Token creation time (for expiration time)	Tokens	Example share of CDN traffic	Action from analytic Dashboard from analytics	Comments and use case
10 minutes / 2 seconds = 300 segments							
1	1	300	1	single	50% Legitimate	Number of Account Ids	Subscription allows up to 10 (concurrent devices)
1	1 to 10	3,000	1 to 10	multiple tokens	20% Legitimate	Number of Account Ids	Normal streaming
1	1	300	1 to 100	single	10% Legitimate	Number of Account Ids	Concurrent devices per subscriber
1	1	1,000	1	single	2% Legitimate	Number of Account Ids	Tablet users on the move (train, car)
1	1 to 10	3,000	1 to 100	multiple tokens	2% Legitimate	Number of Account Ids	Trick-play with time-shifted (or slow download)
1	1	2,000	1	single	2% Legitimate	Account ID and Number of Segments streaming (on one device)	Concurrent devices including several on the move
1	1 to 10	2,000 to 20,000 (unlikely)	1 to 10	multiple tokens	1% Legitimate	Account ID and Number of Segments	Download one content instead of streaming (on one device)
1	1	more than 10,000	more than 30	single or multiple	10% Illegitimate	Account ID and Number of Segments	Downloads instead of streaming on several devices
1	10 or more	more than 10,000	more than 30	single or multiple	2% Illegitimate	Account ID and Number of Segments	DRM key(s) sharing and token(s) sharing for various services
1 to 10	1	more than 30,000 total but some at 5,000 or less	more than 30	single or multiple	1% Illegitimate	Account ID and Number of Segments	DRM key sharing and token rotation for the same service
Total CDN traffic					100%		