FIG. 1

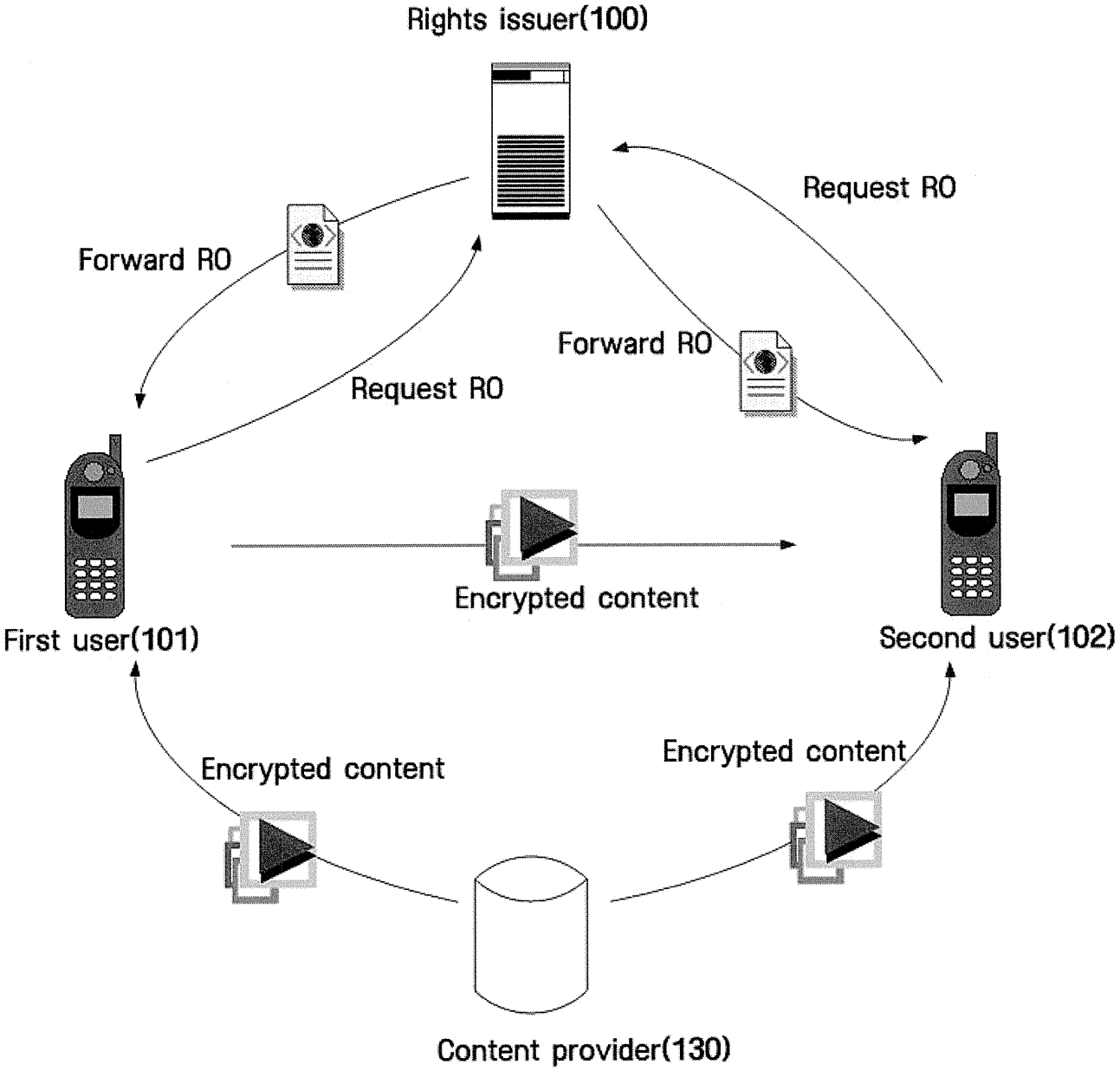

Rights issuer(100)
Request RO
Forward RO
Forward RO
Request RO
Encrypted content
First user(101)
Second user(102)
Encrypted content
Encrypted content
Content provider(130)

FIG. 2

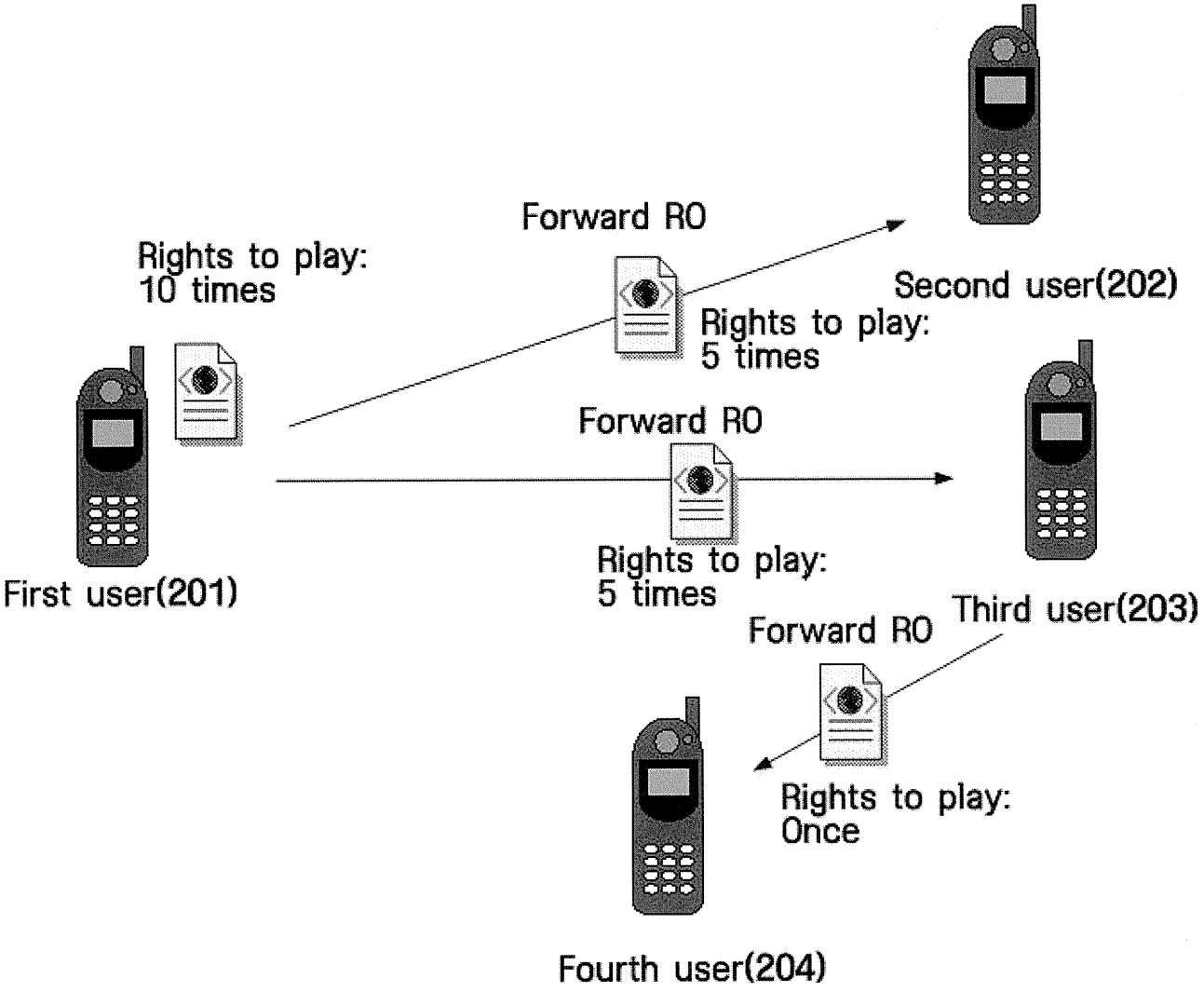

Forward RO
Rights to play:
10 times
Second user(202)
Rights to play:
5 times
Forward RO
Rights to play:
5 times
First user(201)
Third user(203)
Forward RO
Rights to play:
Once
Fourth user(204)

FIG. 3A

```
<rights>
        .....
        <uid>cid:4567829547@foo.com</uid>
        .....
        <KeyValue>Cei4Qxjwo9Kg8D3pKgxw=</KeyValue>
        .....
  <permission>
    <play>
      <constraint>
        <count>10</count>
      </constraint>
    </play>
  </permission>
</rights>
```

FIG. 3B

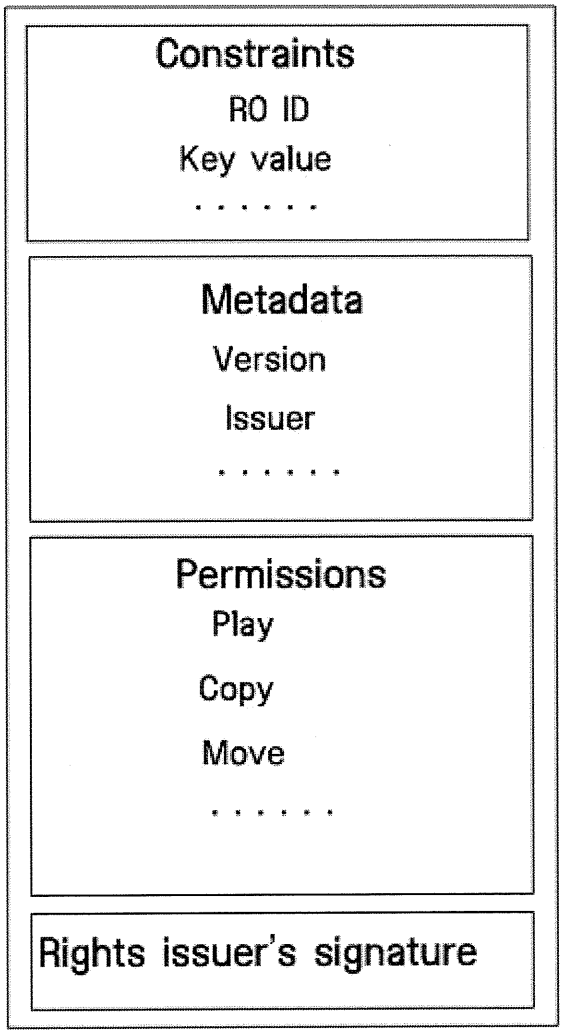

Constraints
RO ID
Key value
. . . . . .
Metadata
Version
Issuer
. . . . . .
Permissions
Play
Copy
Move
. . . . . .
Rights issuer's signature

FIG. 4A

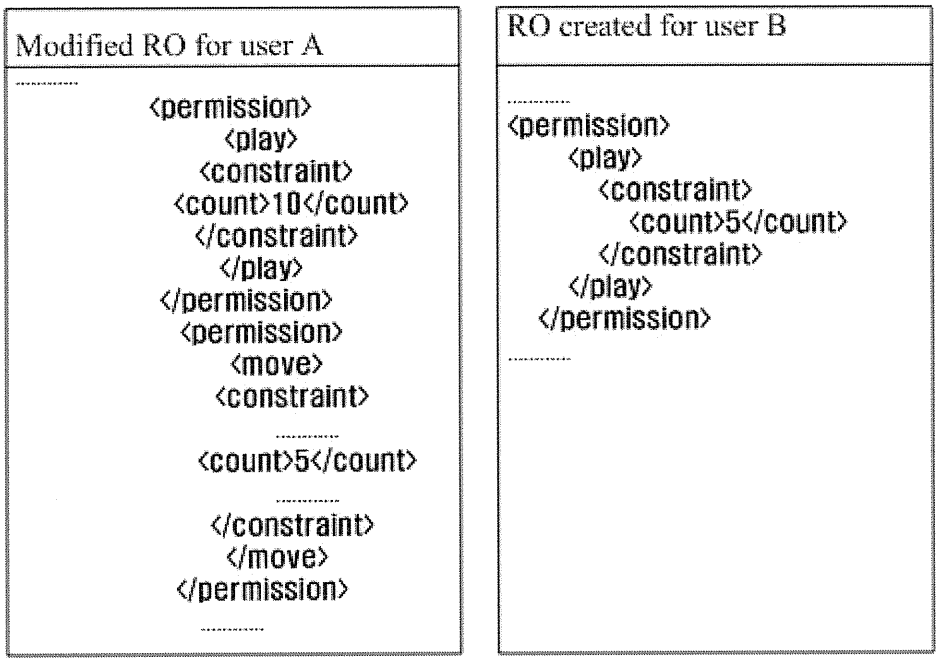

Modified RO for user A
.....
<permission>
<play>
<constraint>
<count>10</count>
</constraint>
</play>
</permission>
<permission>
<move>
<constraint>
.....
<count>5</count>
.....
</constraint>
</move>
</permission>
.....
RO created for user B
.....
<permission>
<play>
<constraint>
<count>5</count>
</constraint>
</play>
</permission>
.....

FIG. 4B

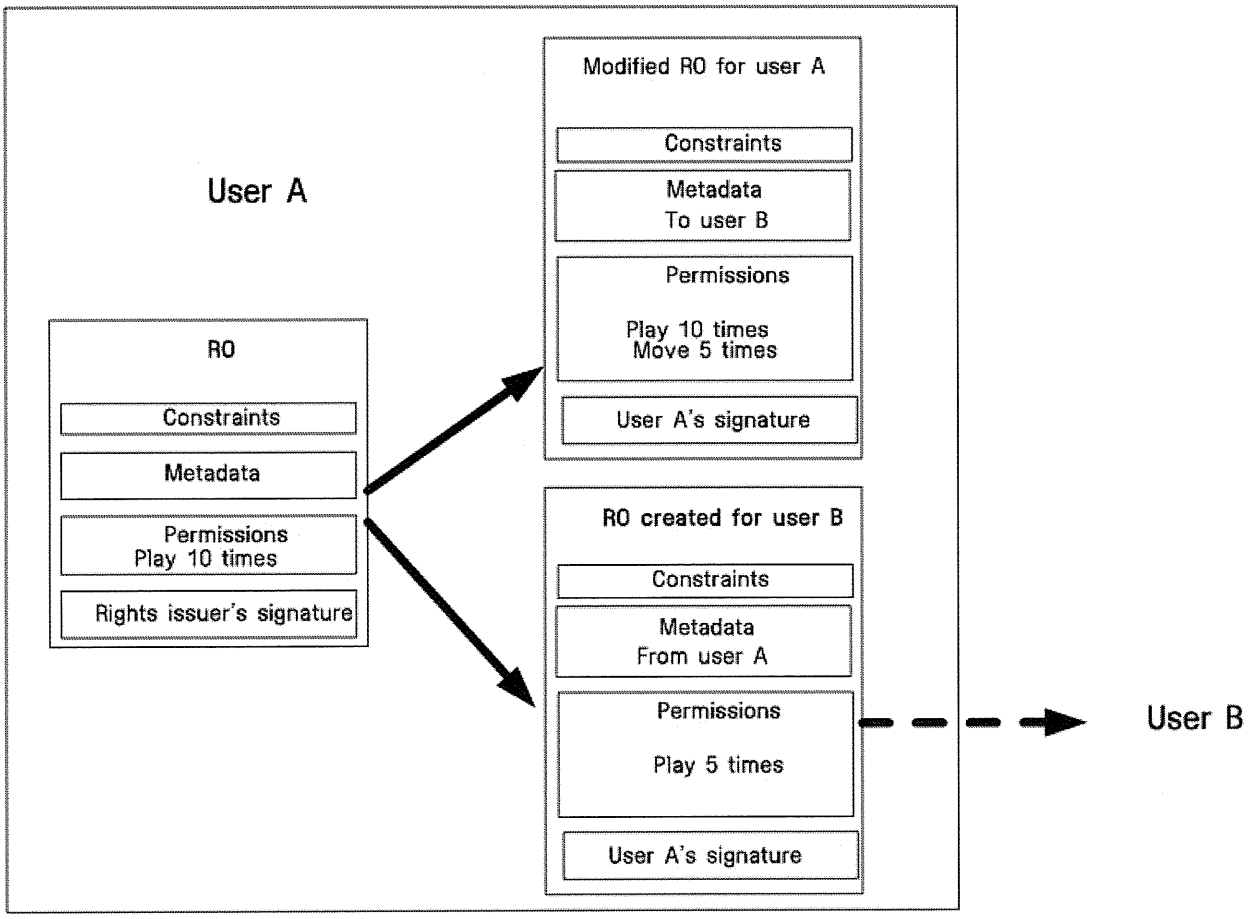

User A
RO
Constraints
Metadata
Permissions
Play 10 times
Rights issuer's signature
Modified RO for user A
Constraints
Metadata
To user B
Permissions
Play 10 times
Move 5 times
User A's signature
RO created for user B
Constraints
Metadata
From user A
Permissions
Play 5 times
User A's signature
User B

FIG. 5

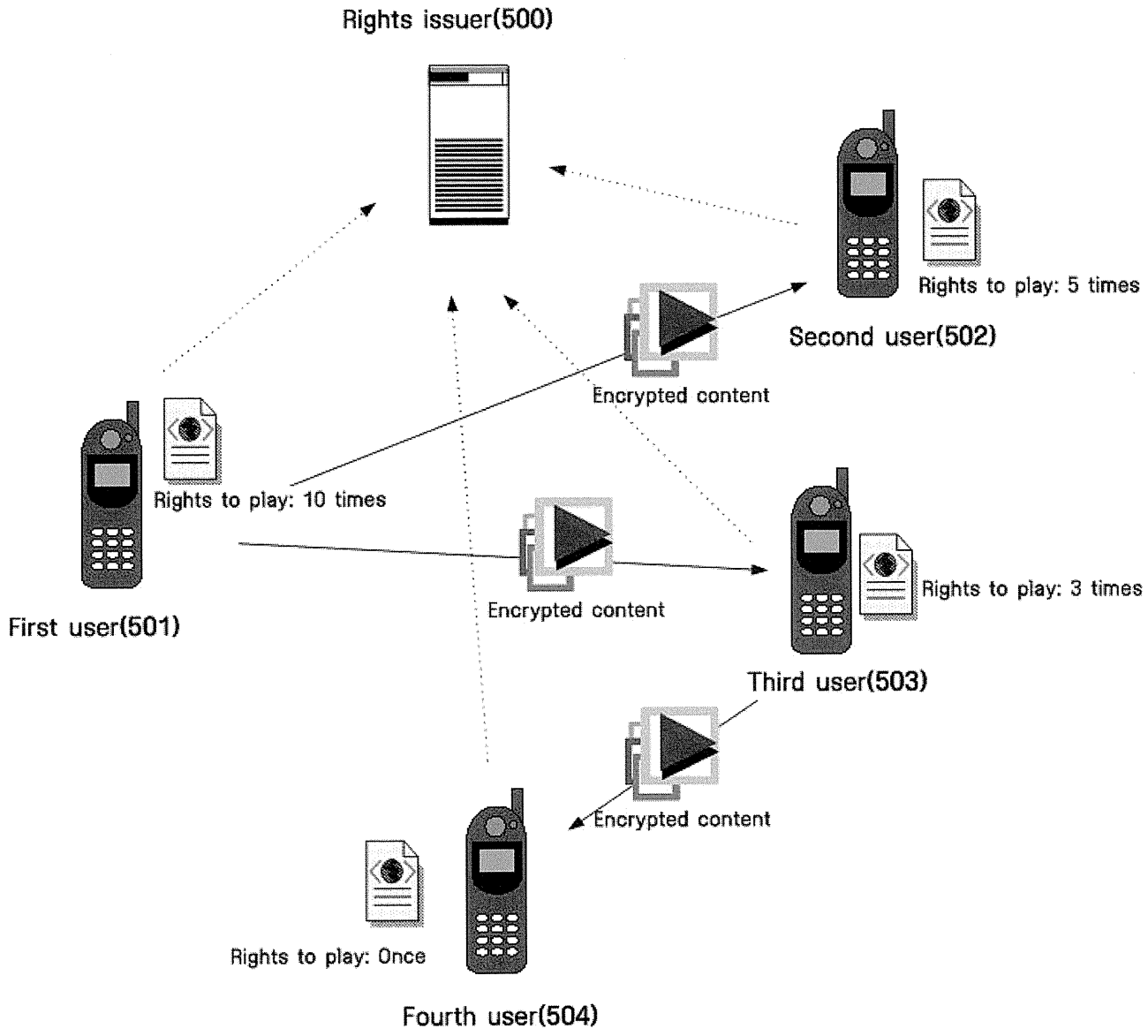
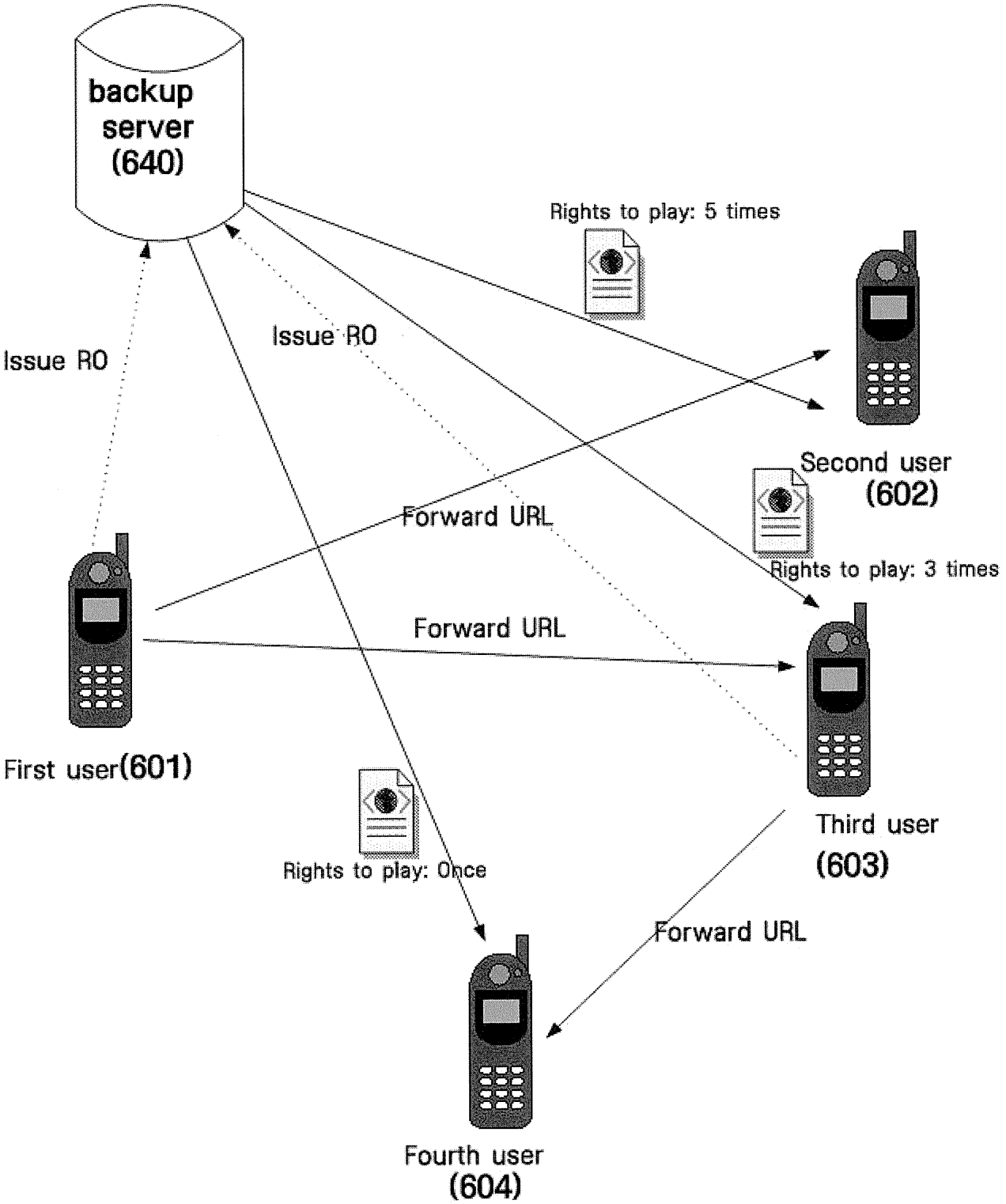

Rights issuer(500)
Rights to play: 5 times
Second user(502)
Encrypted content
Rights to play: 10 times
First user(501)
Encrypted content
Rights to play: 3 times
Third user(503)
Encrypted content
Rights to play: Once
Fourth user(504)

FIG. 6


backup server (640)
Rights to play: 5 times
Issue RO
Issue RO
Second user (602)
Forward URL
Rights to play: 3 times
Forward URL
First user(601)
Rights to play: Once
Third user (603)
Forward URL
Fourth user (604)