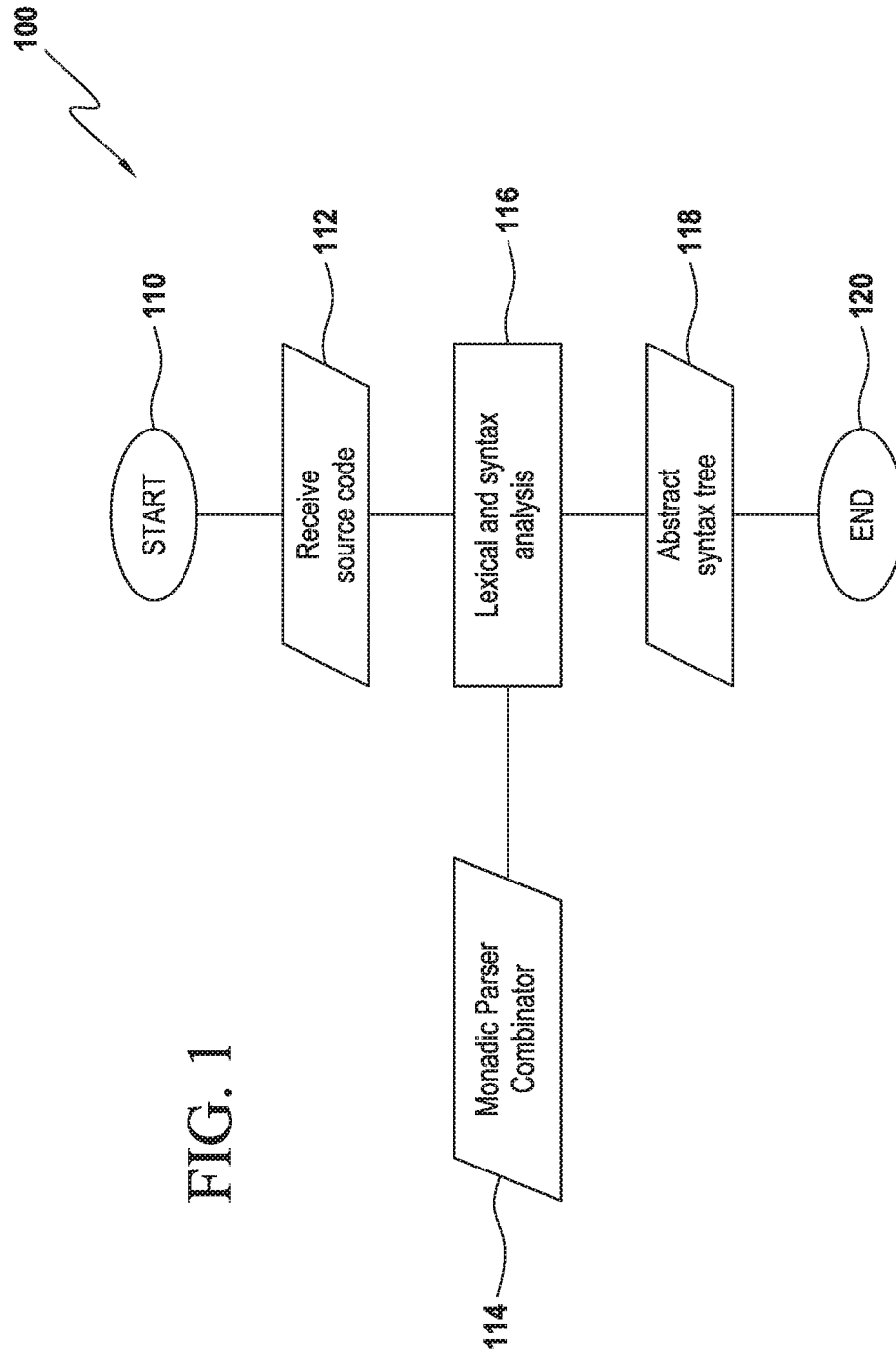




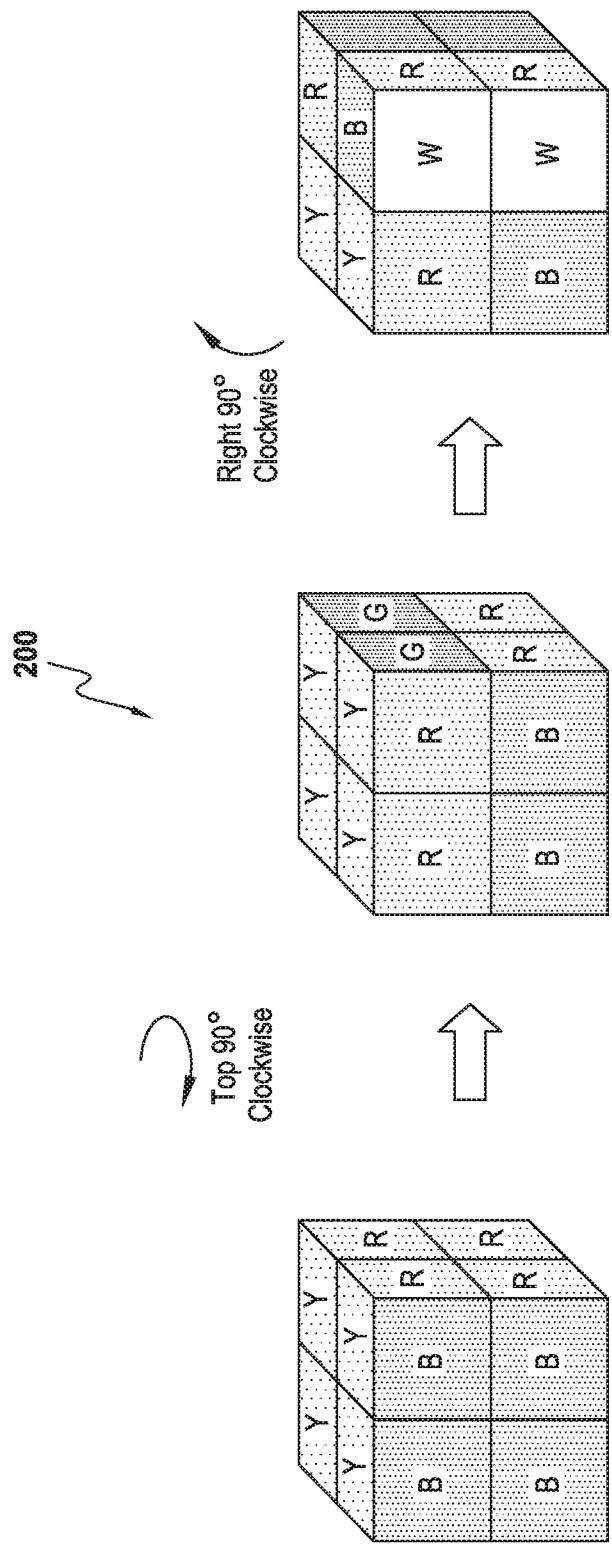


FIG. 2

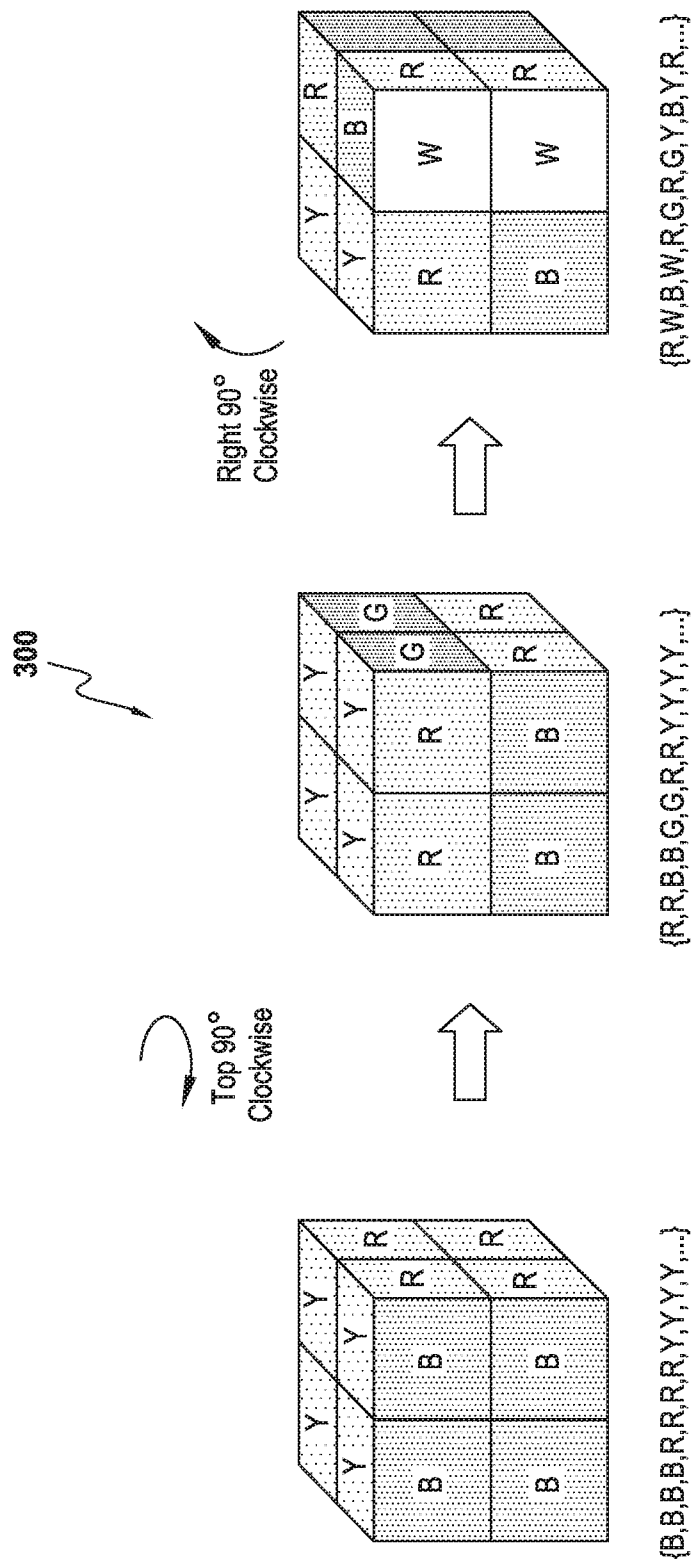


FIG. 3

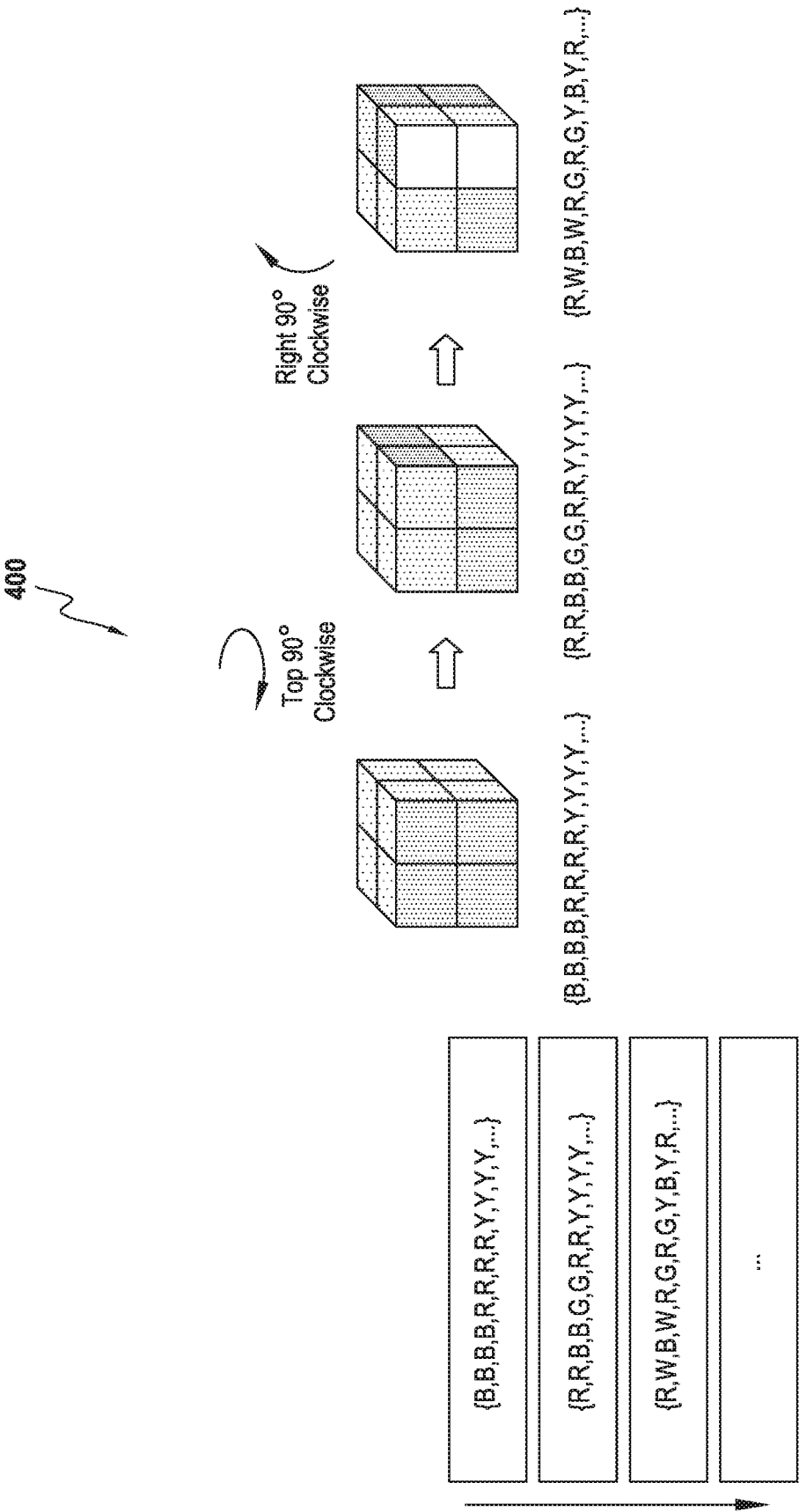


FIG. 4

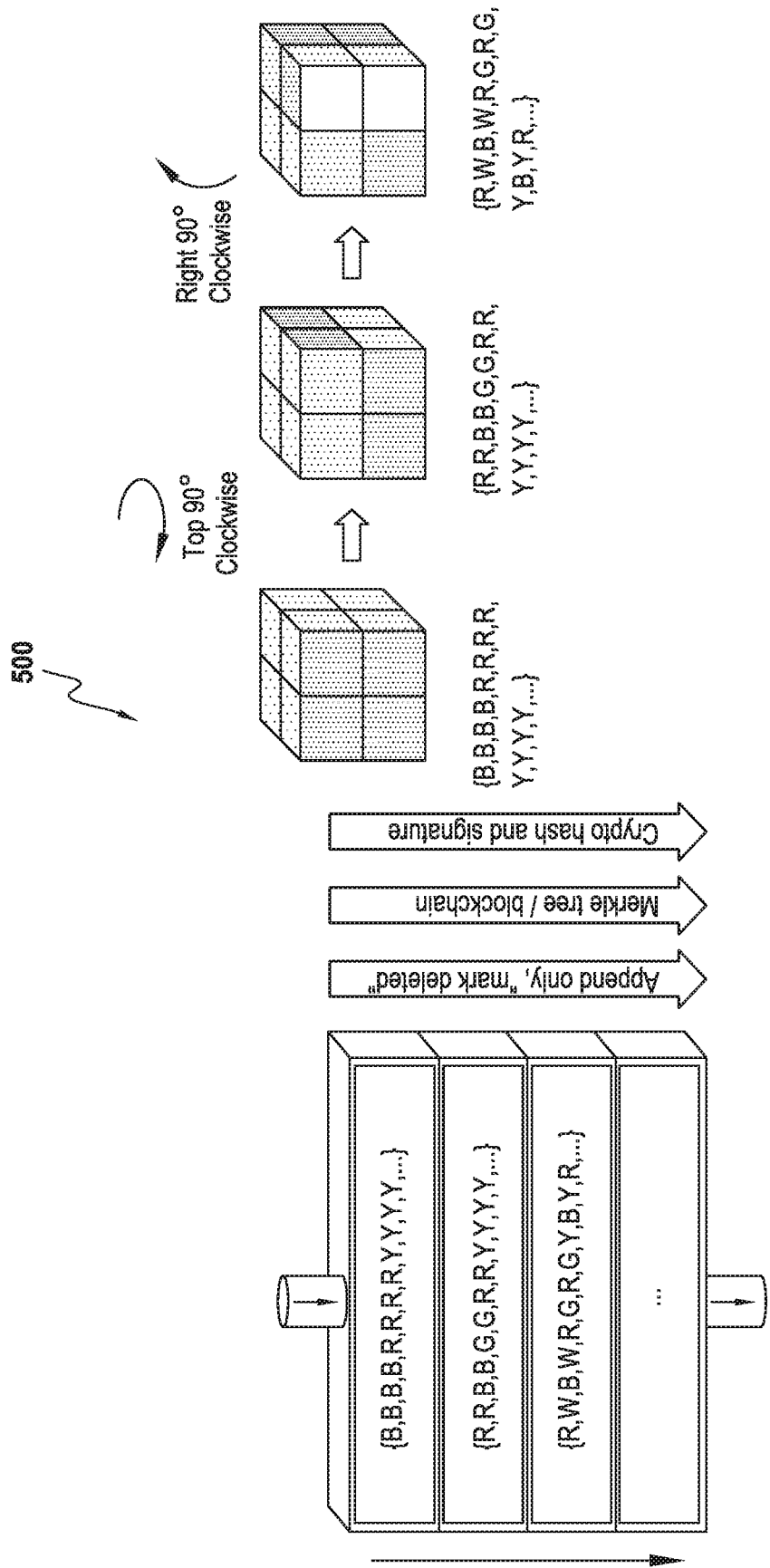


FIG. 5

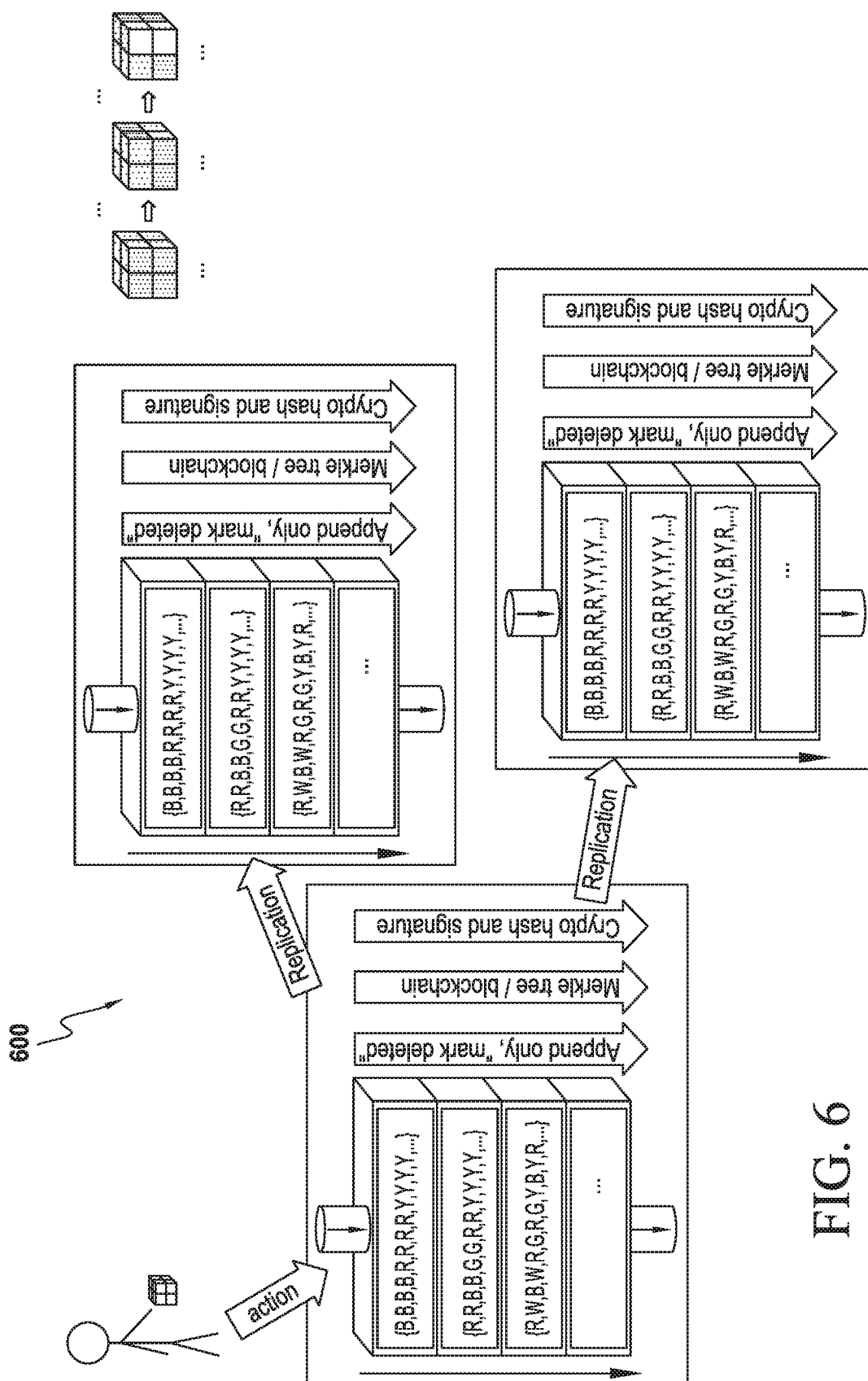


FIG. 6

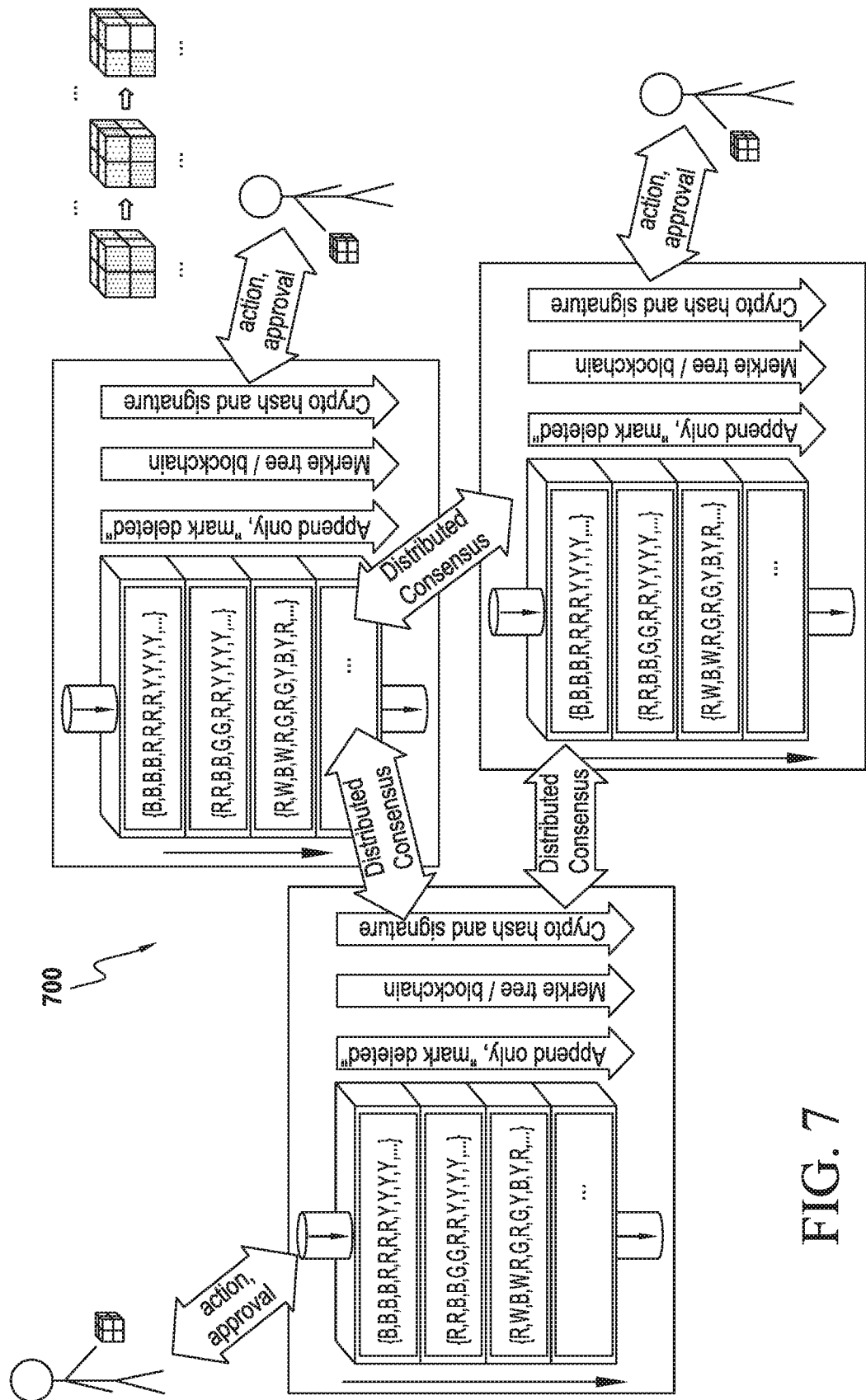
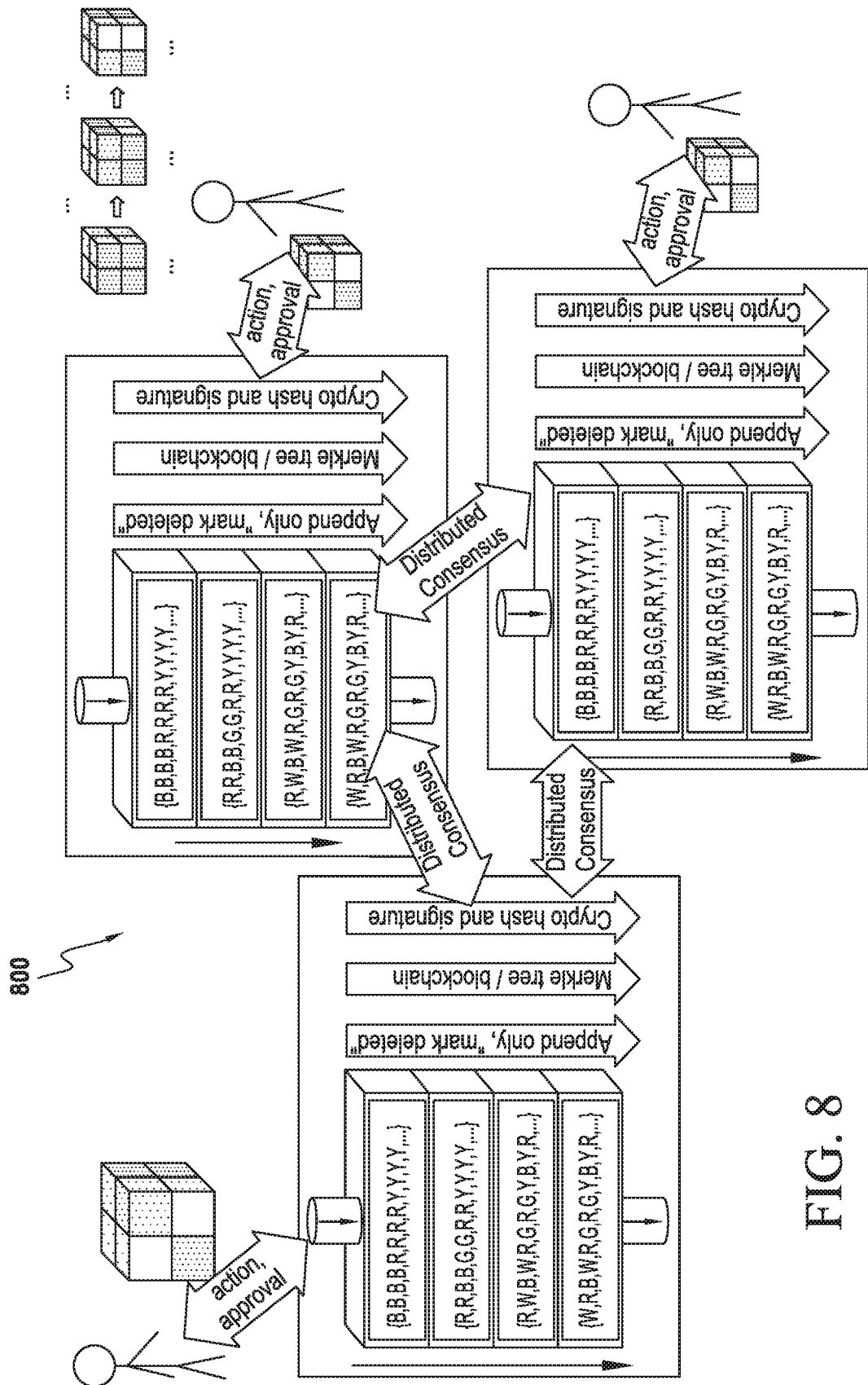
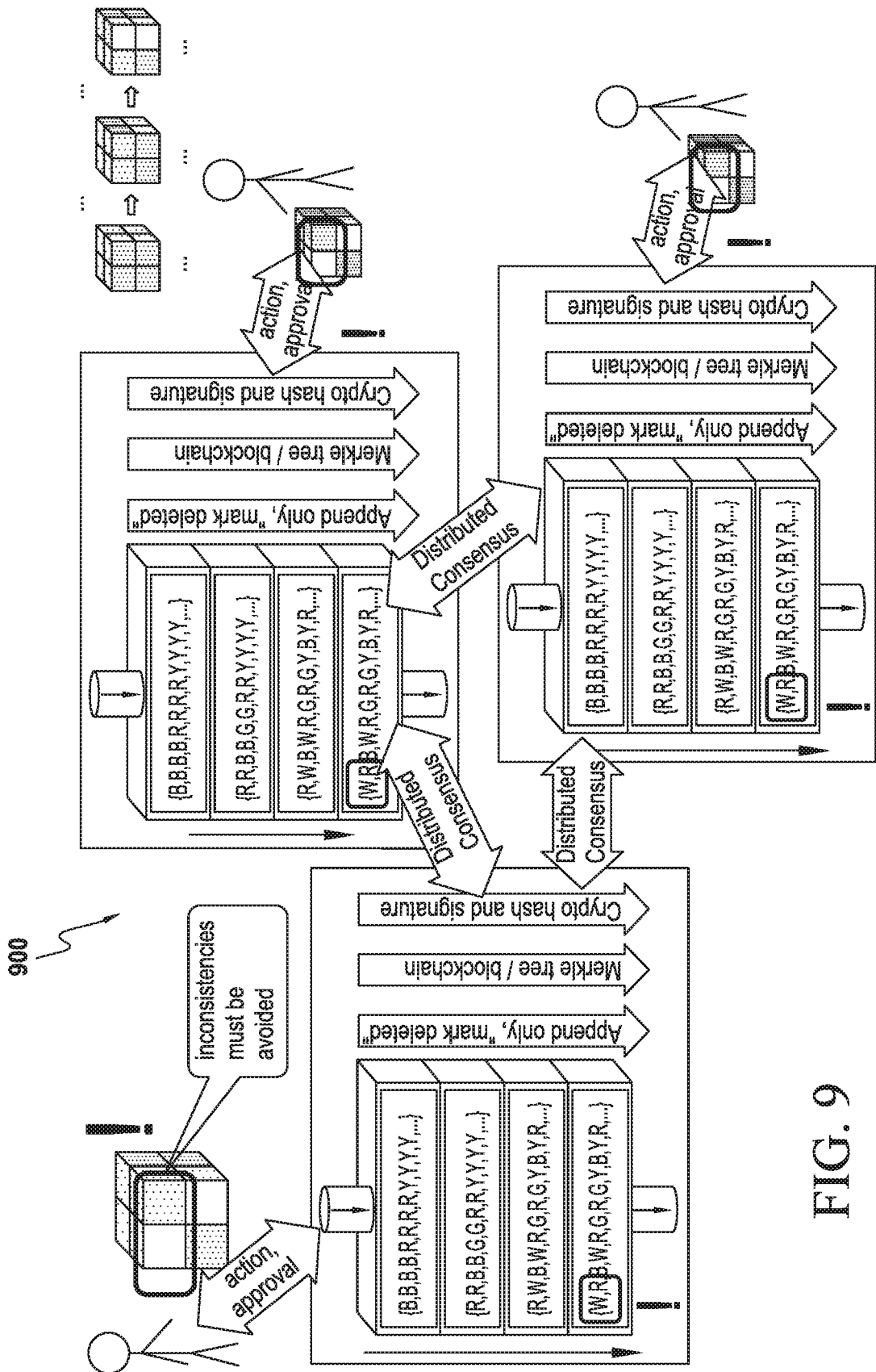


FIG. 7





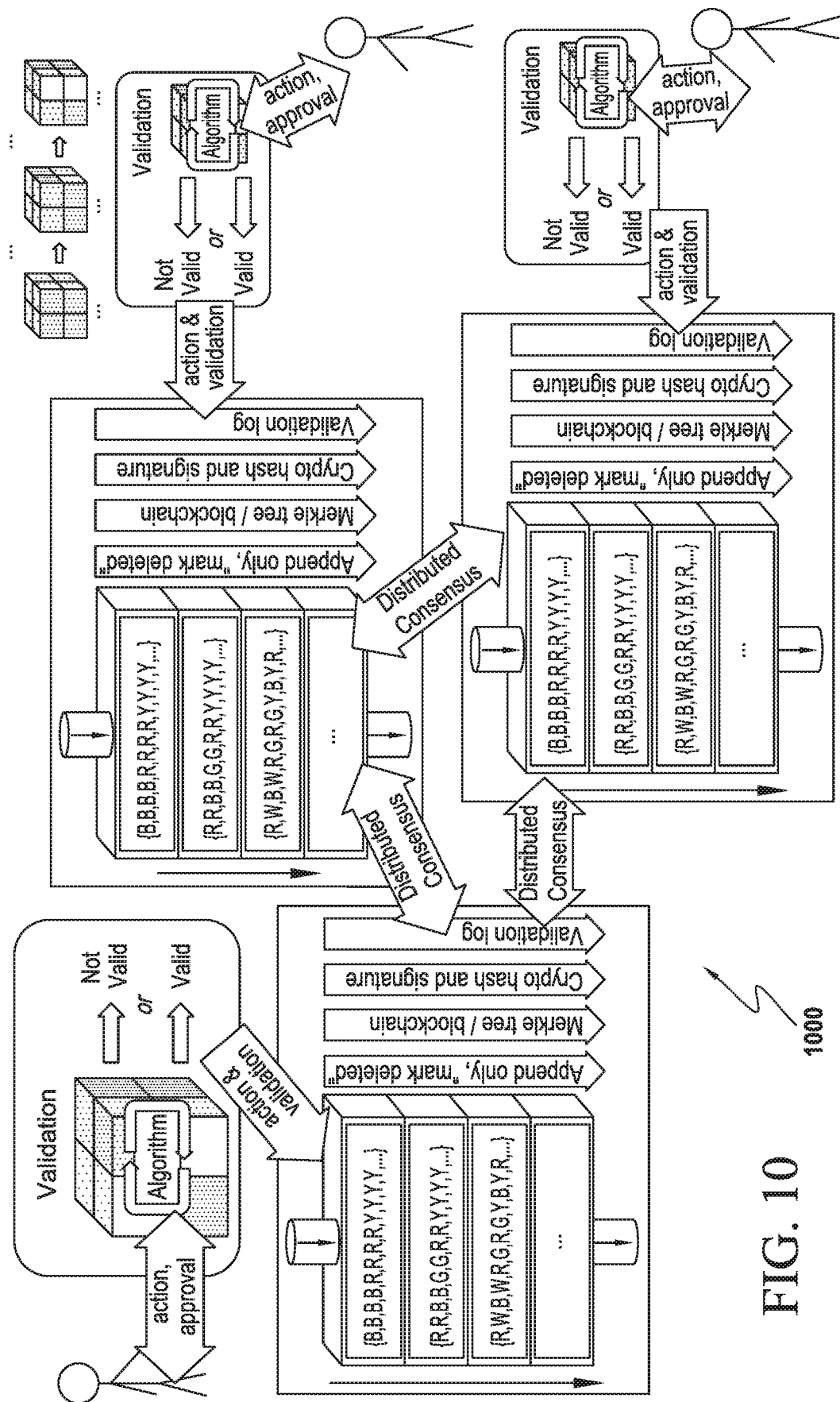


FIG. 10

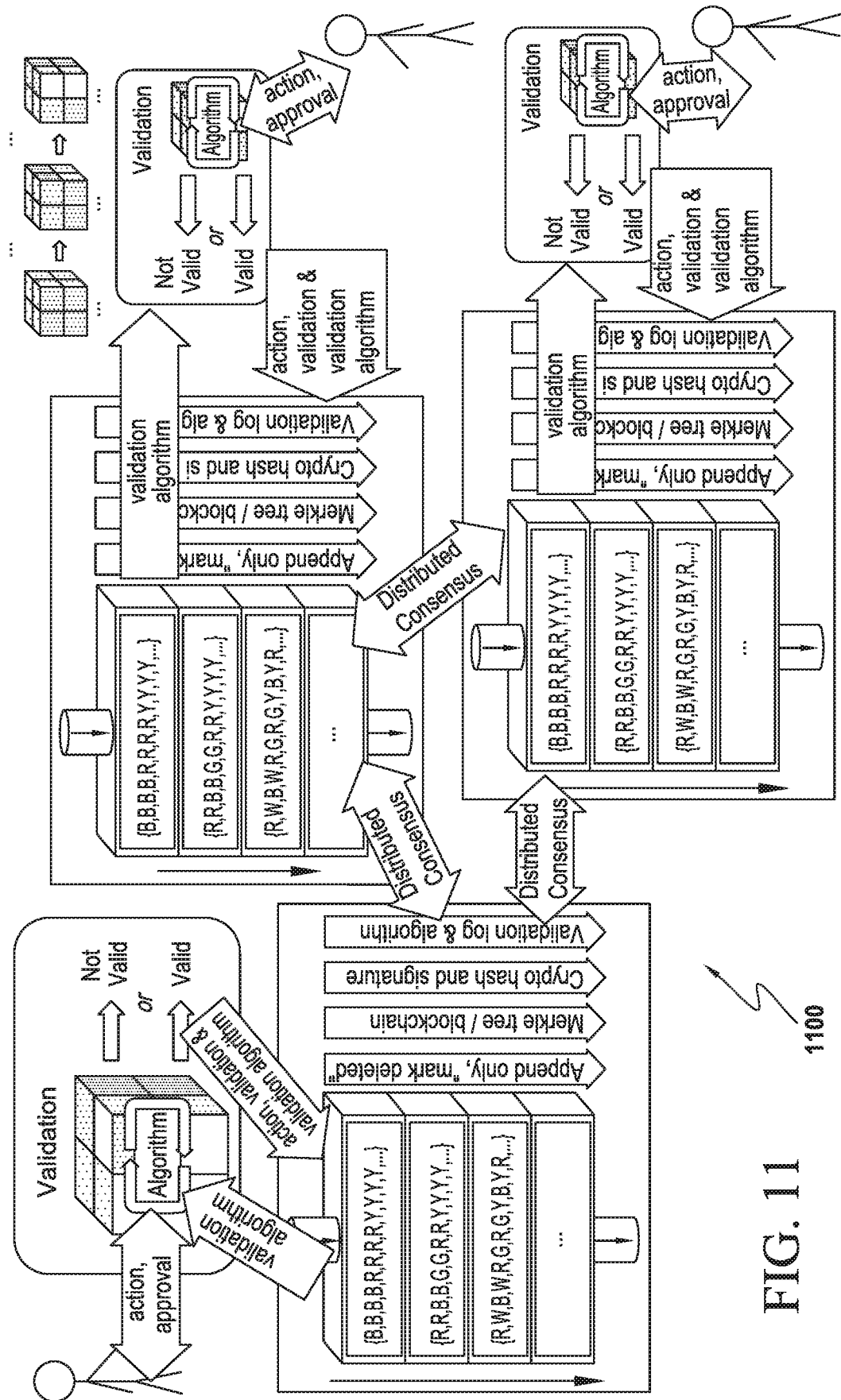


FIG. 11

1100

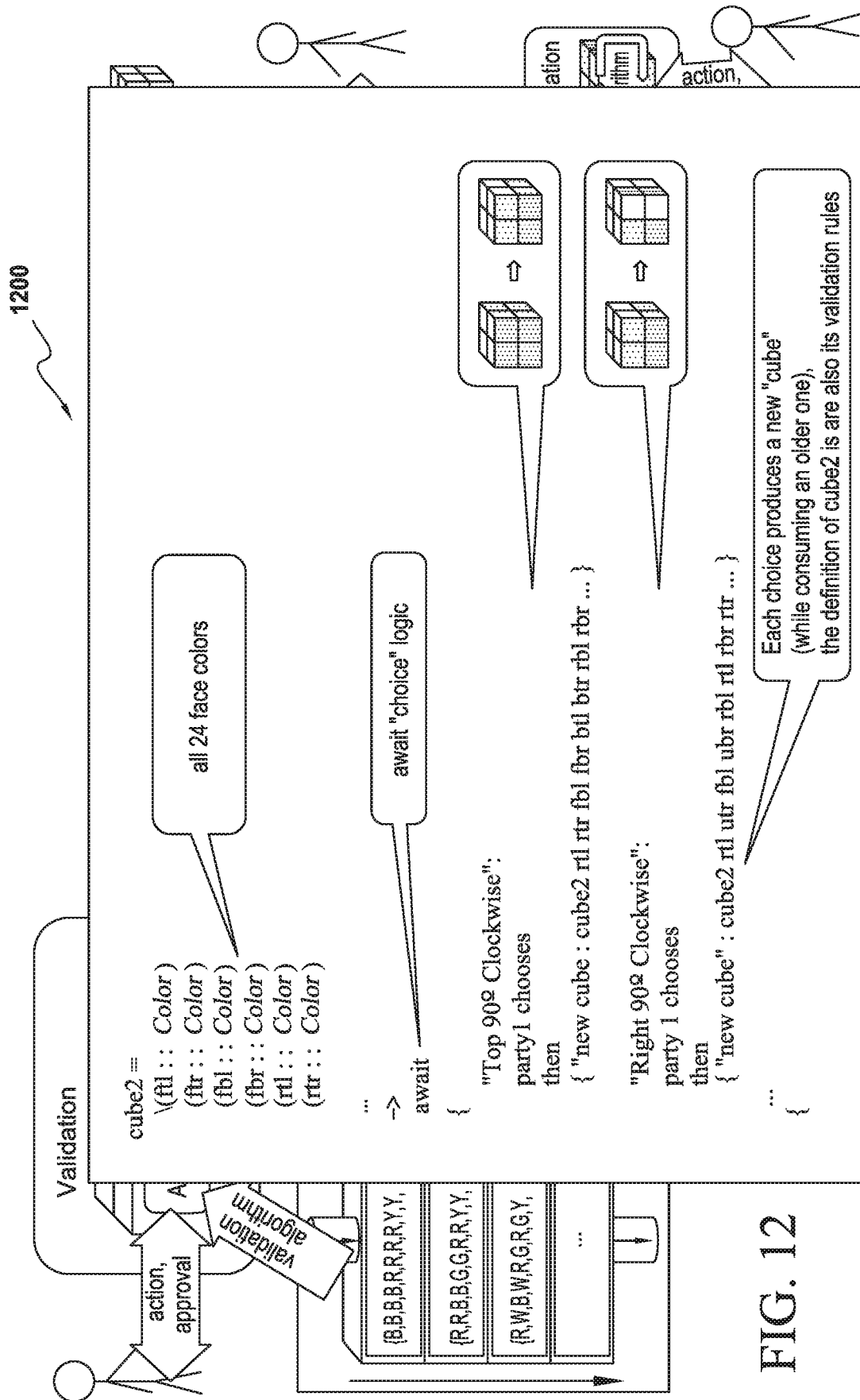


FIG. 12

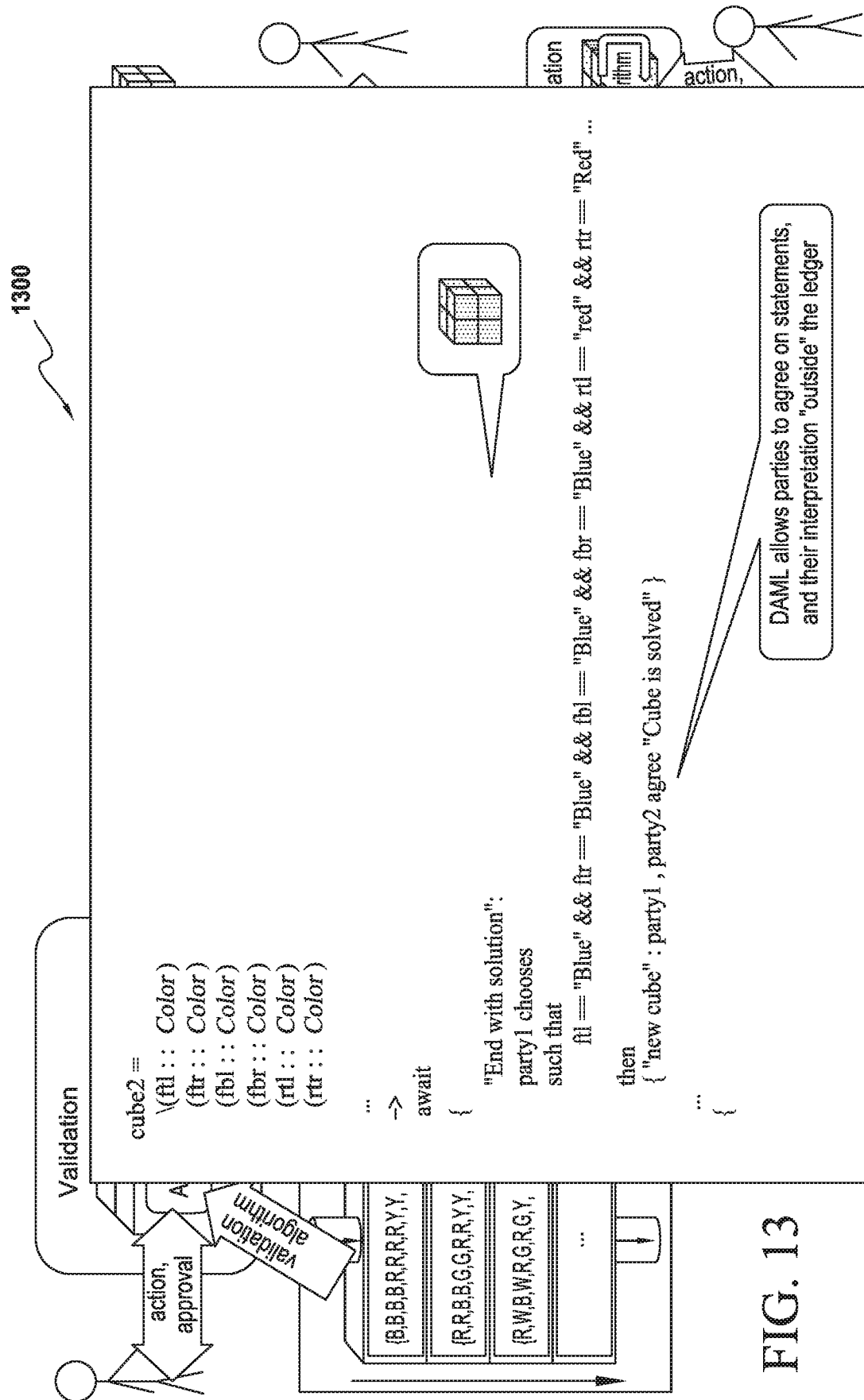


FIG. 13

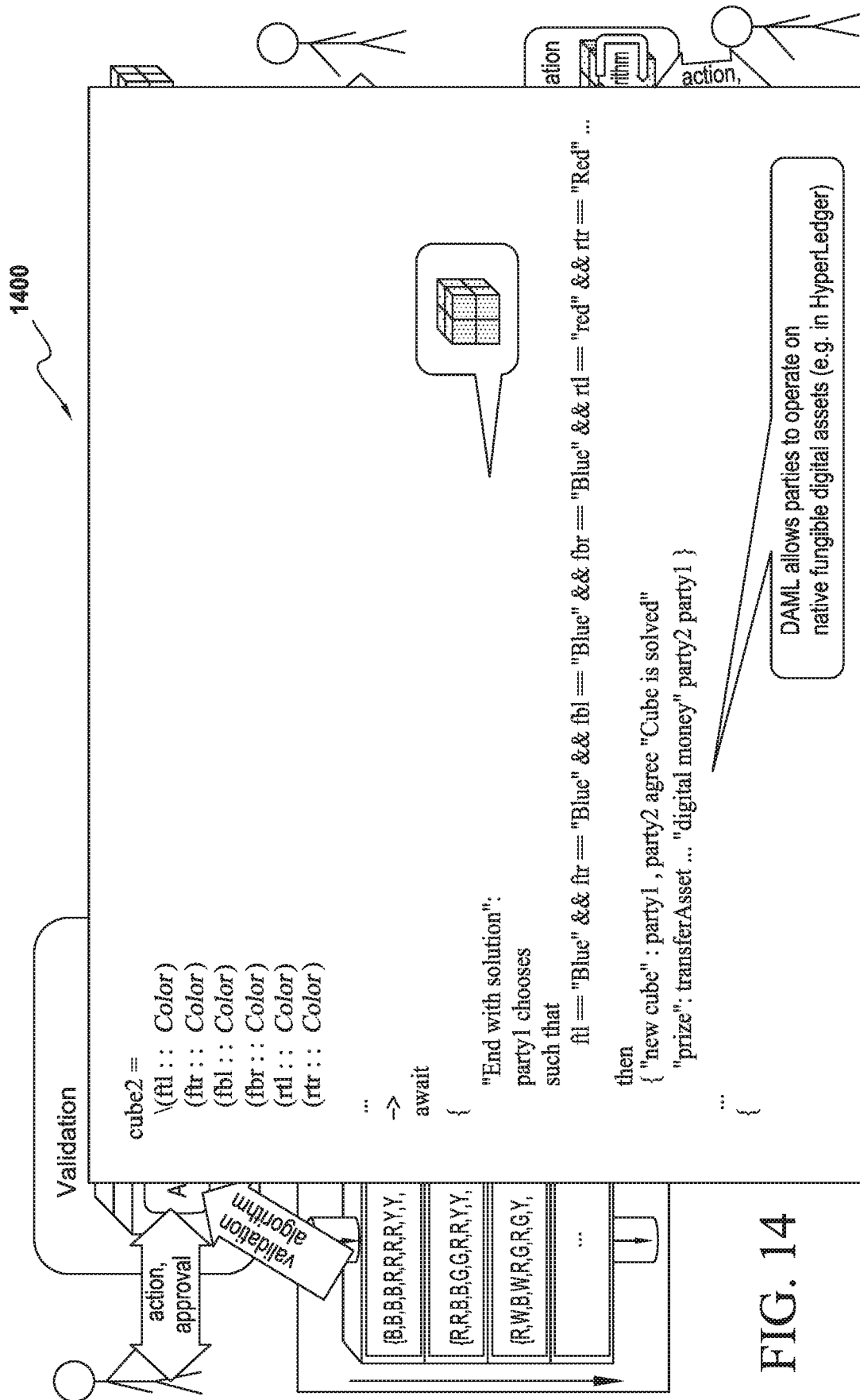


FIG. 14

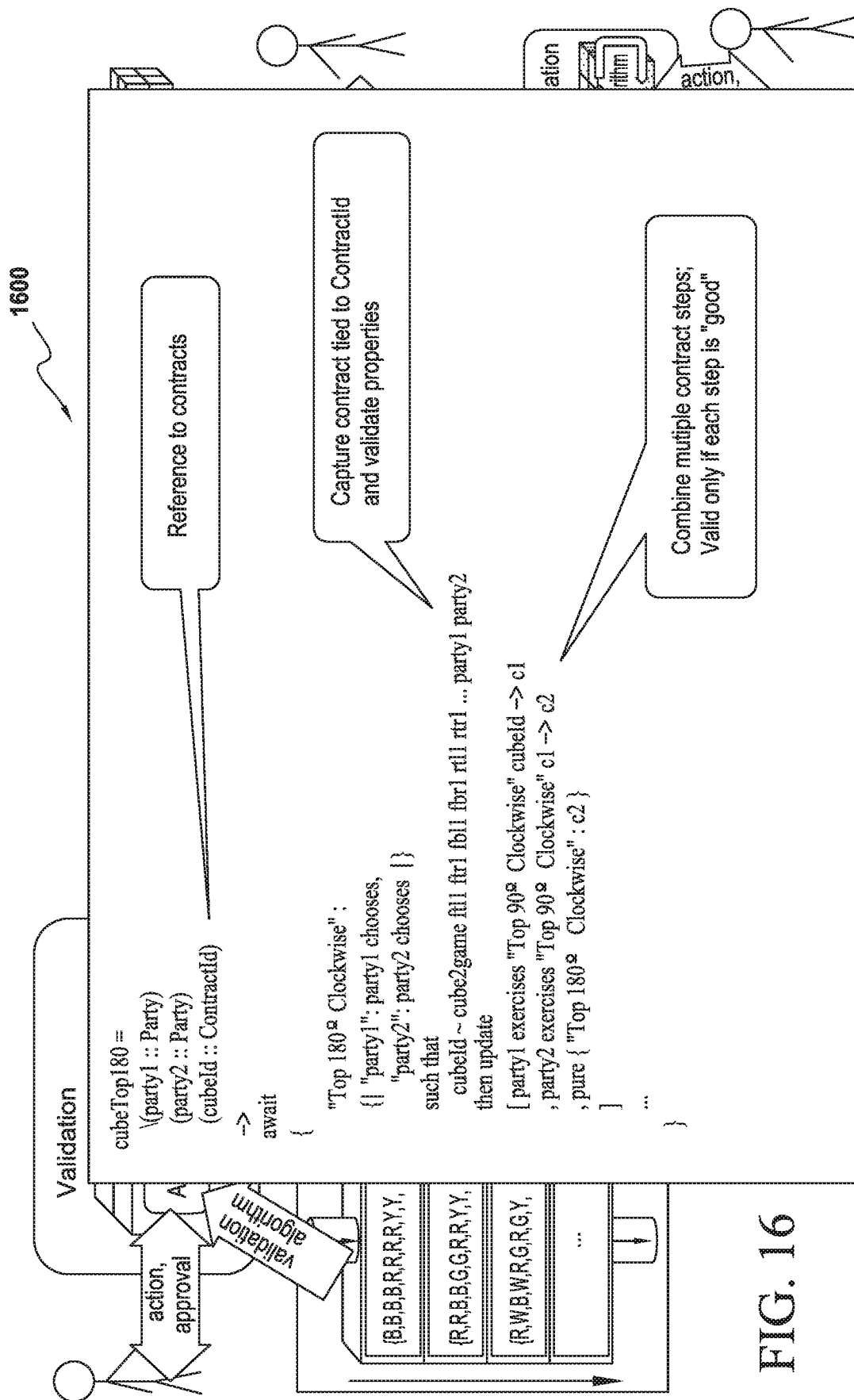
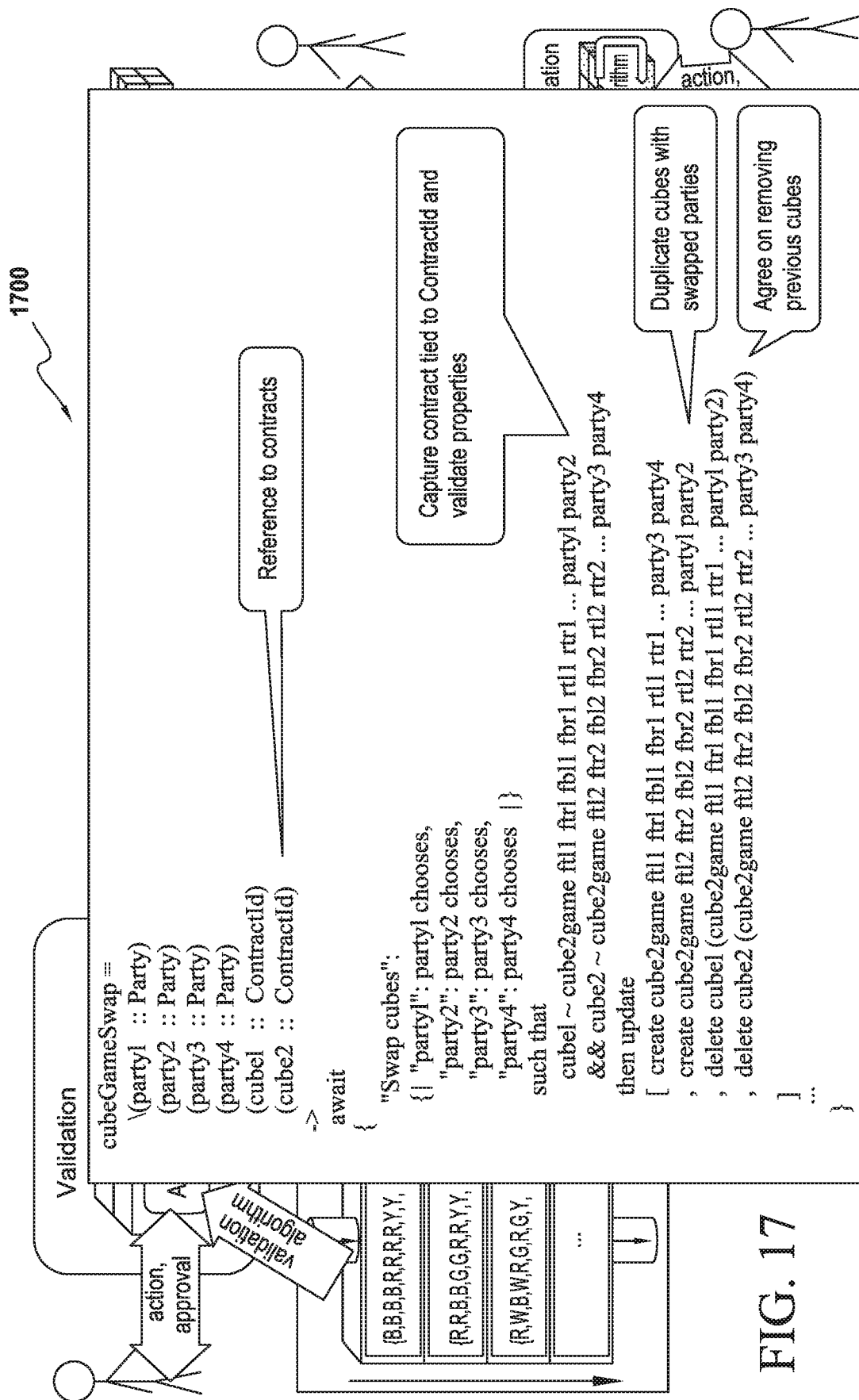
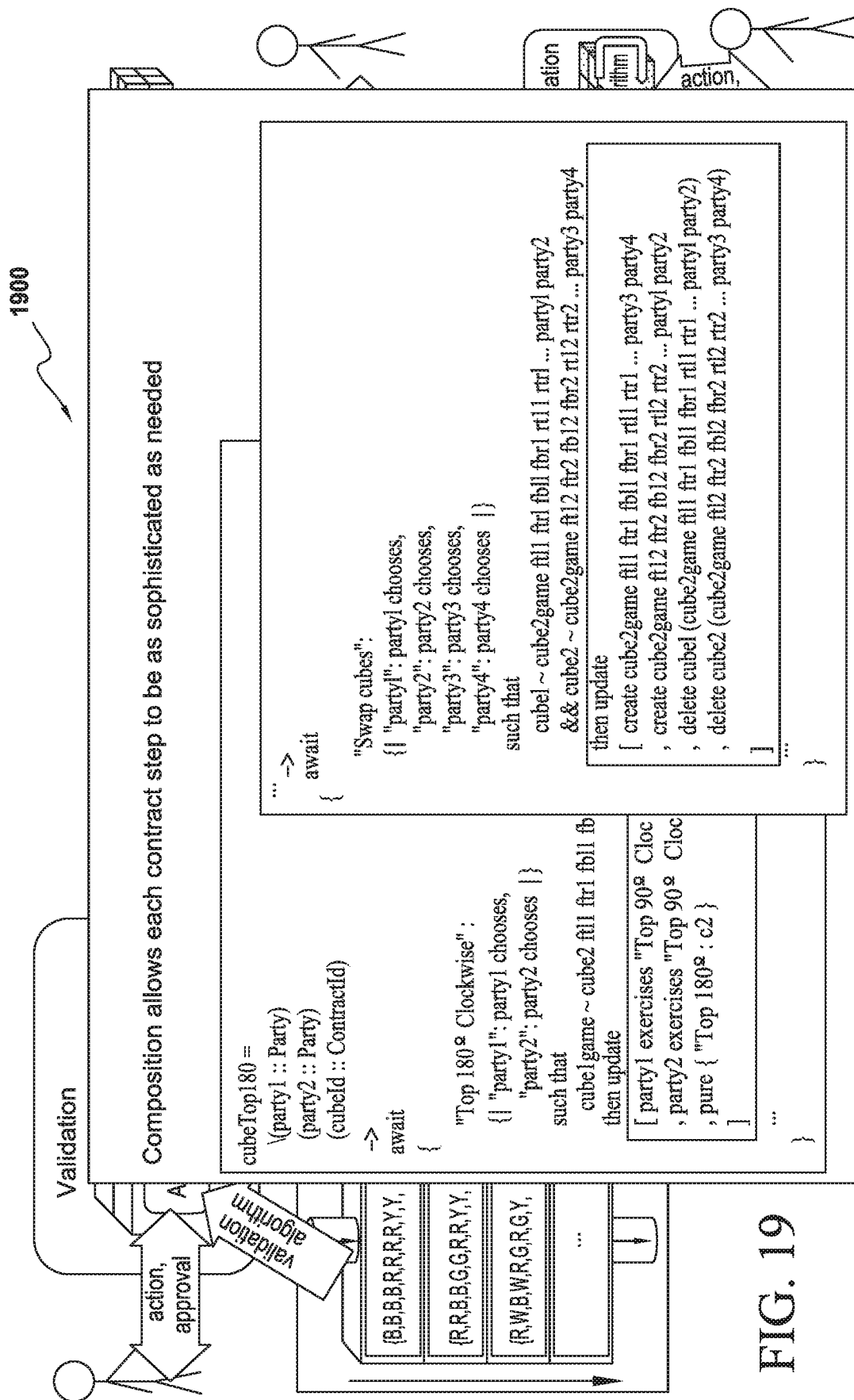


FIG. 16





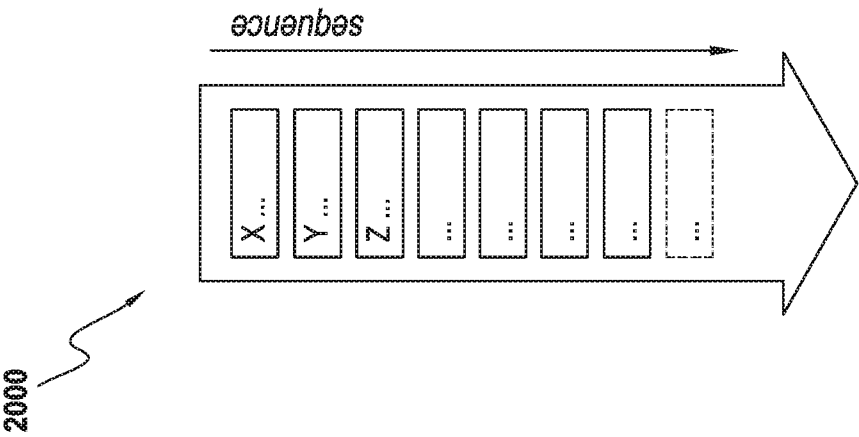


FIG. 20

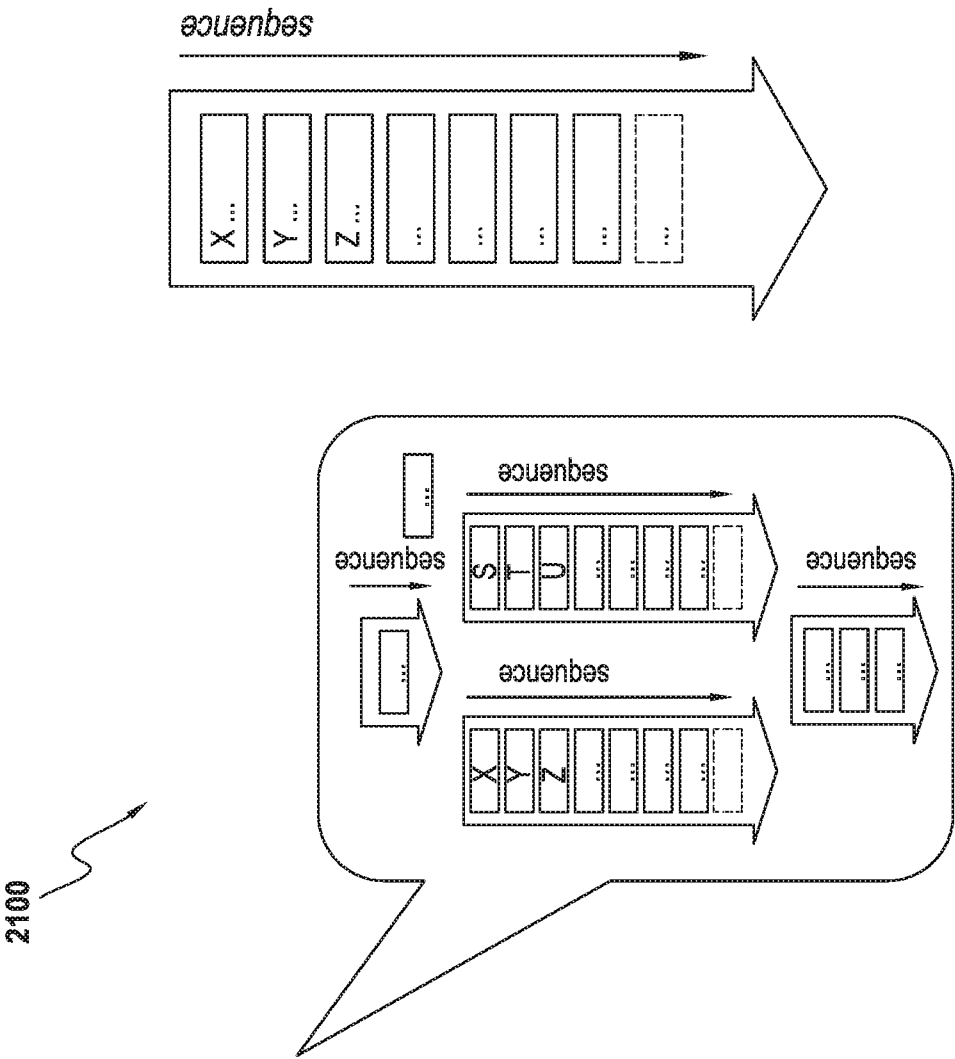


FIG. 21

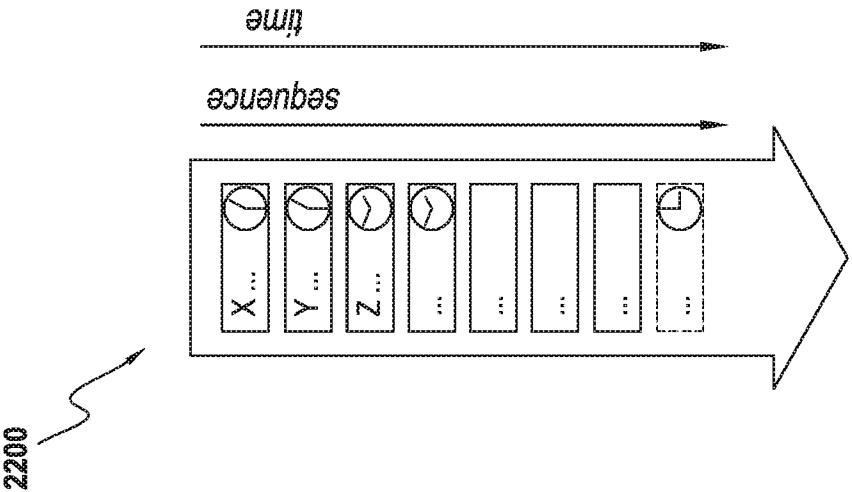


FIG. 22

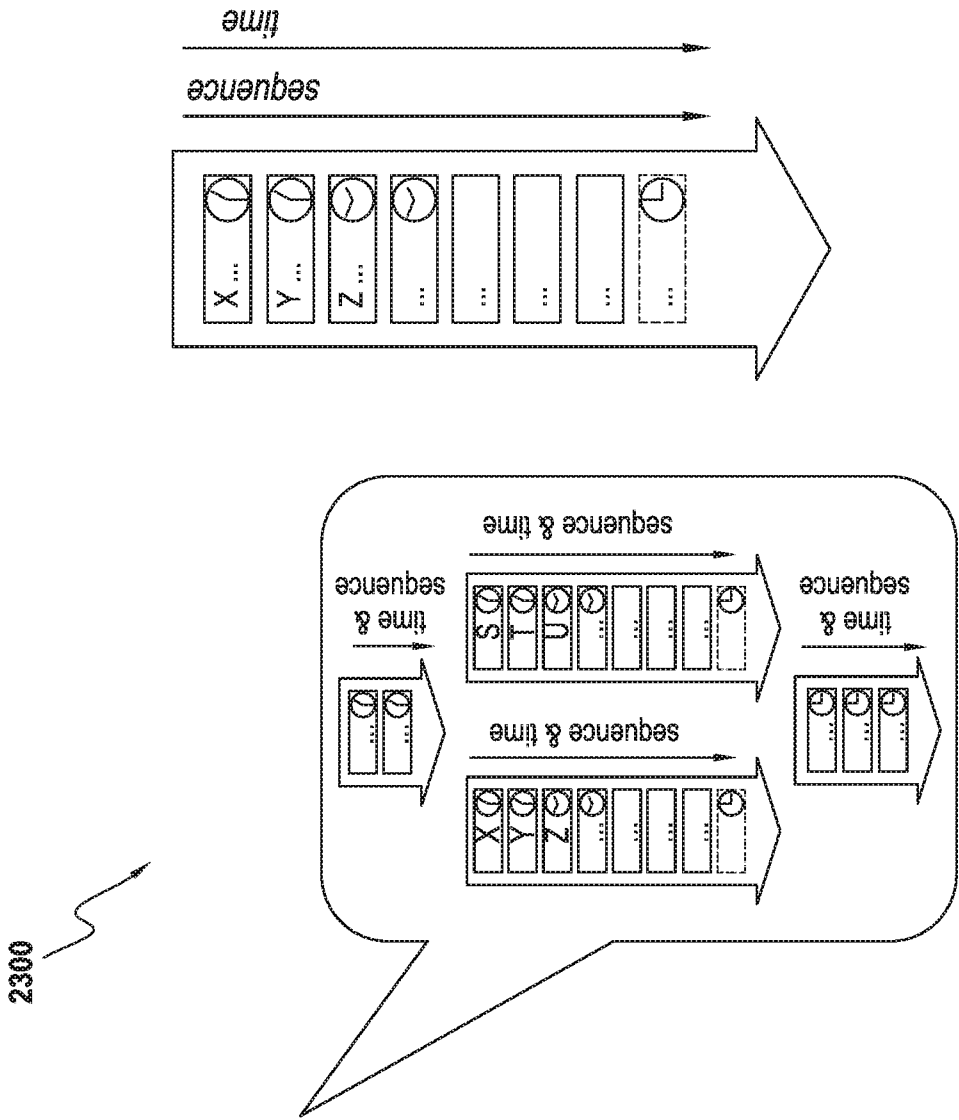


FIG. 23

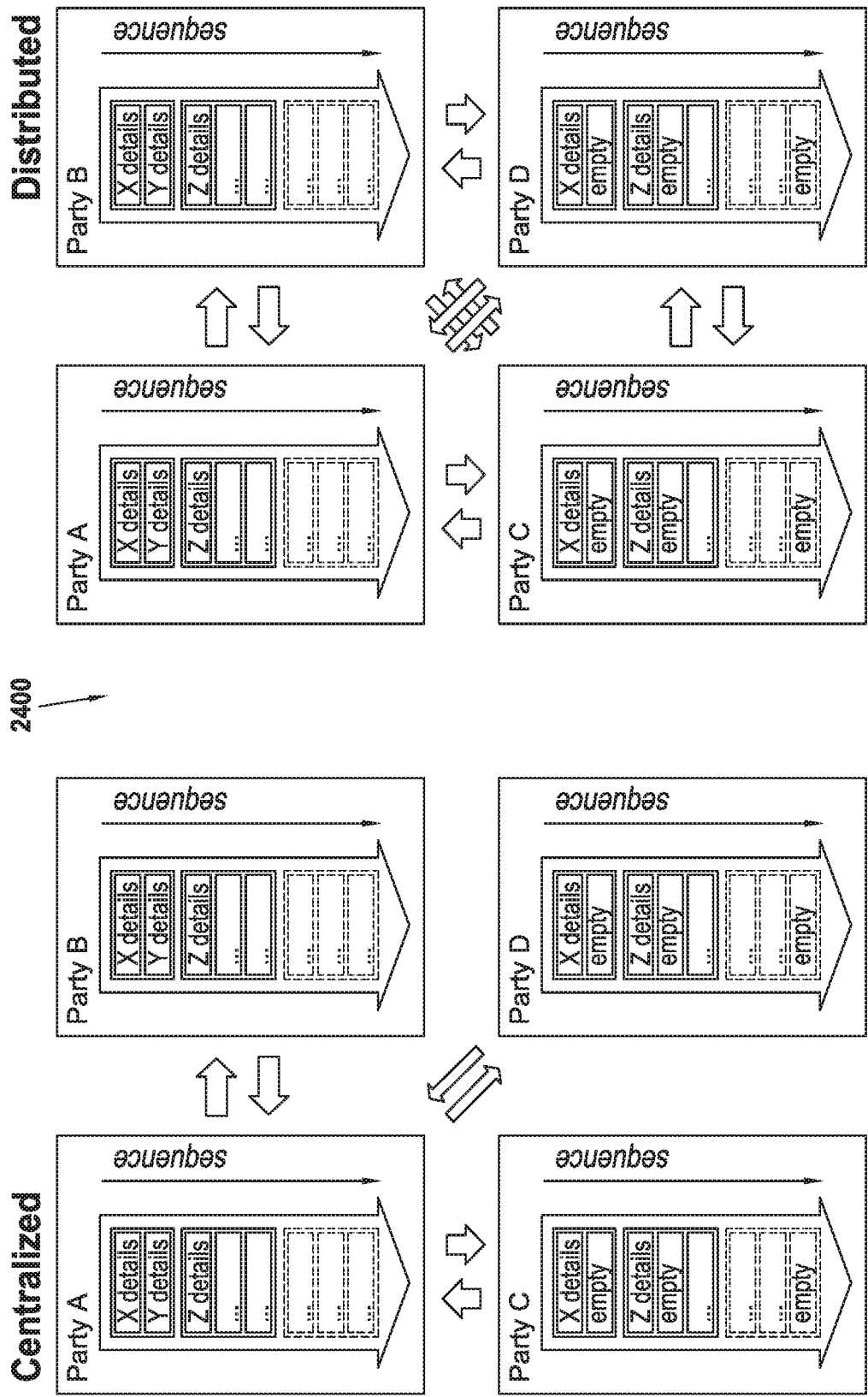


FIG. 24

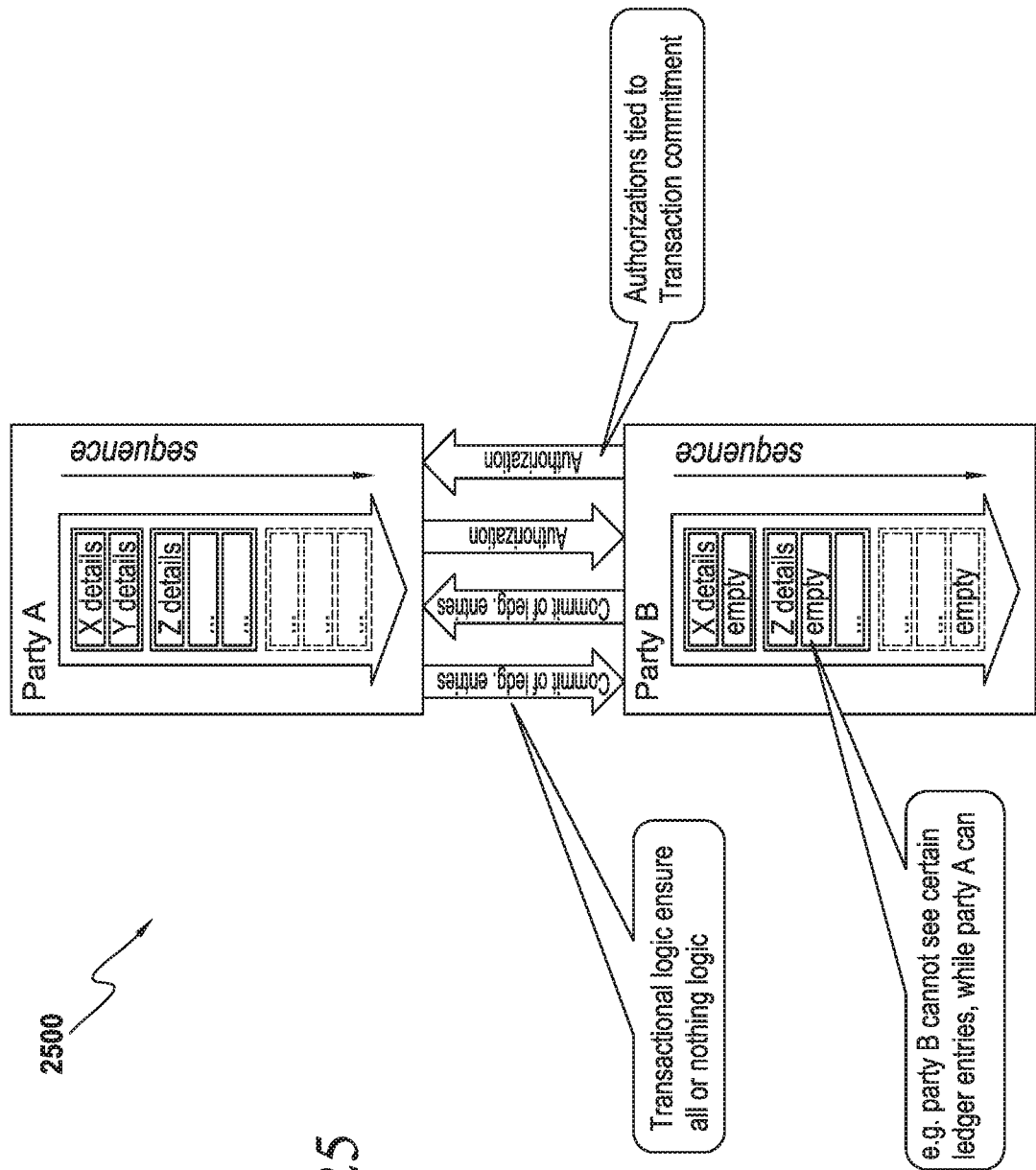


FIG. 25

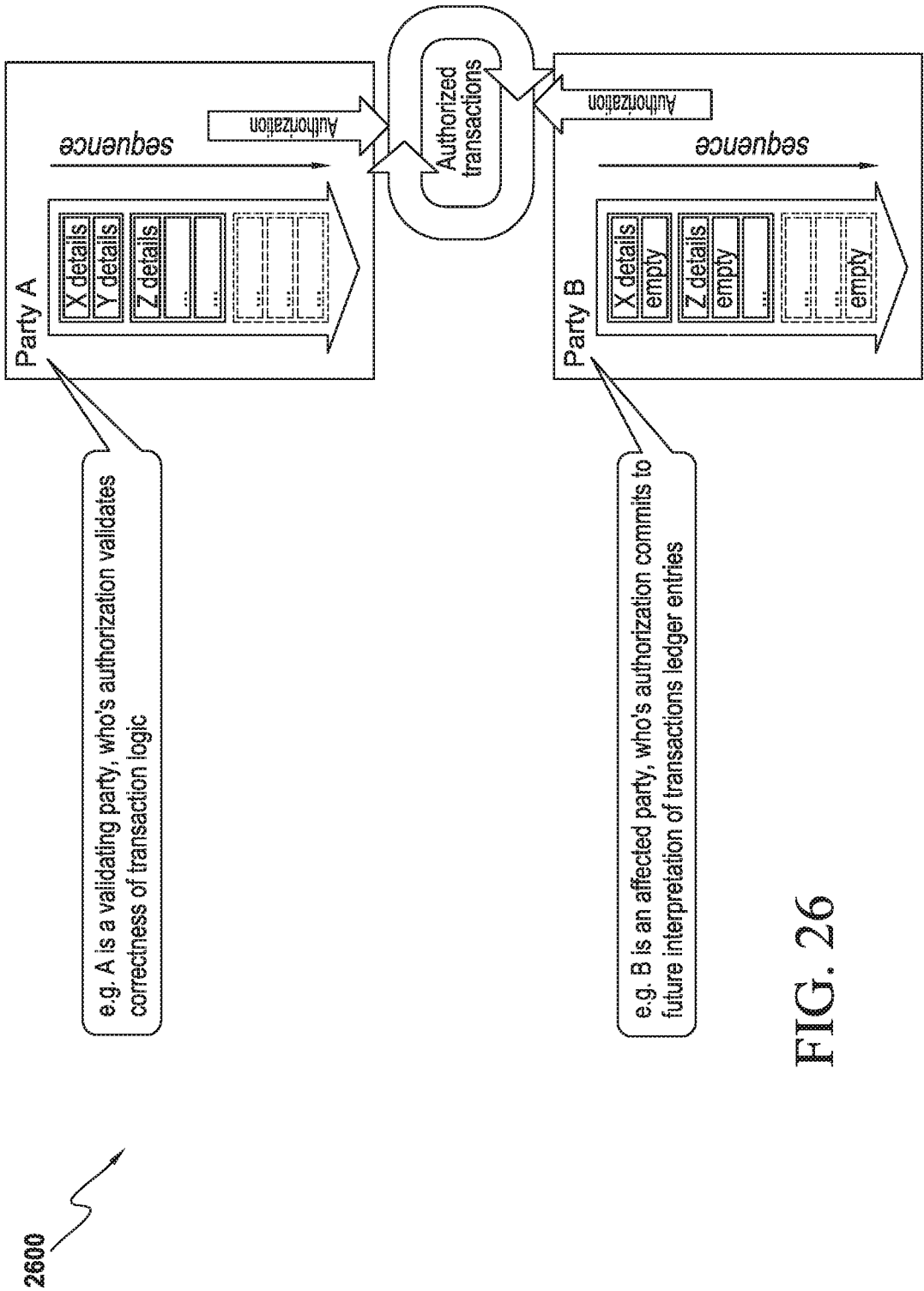


FIG. 26

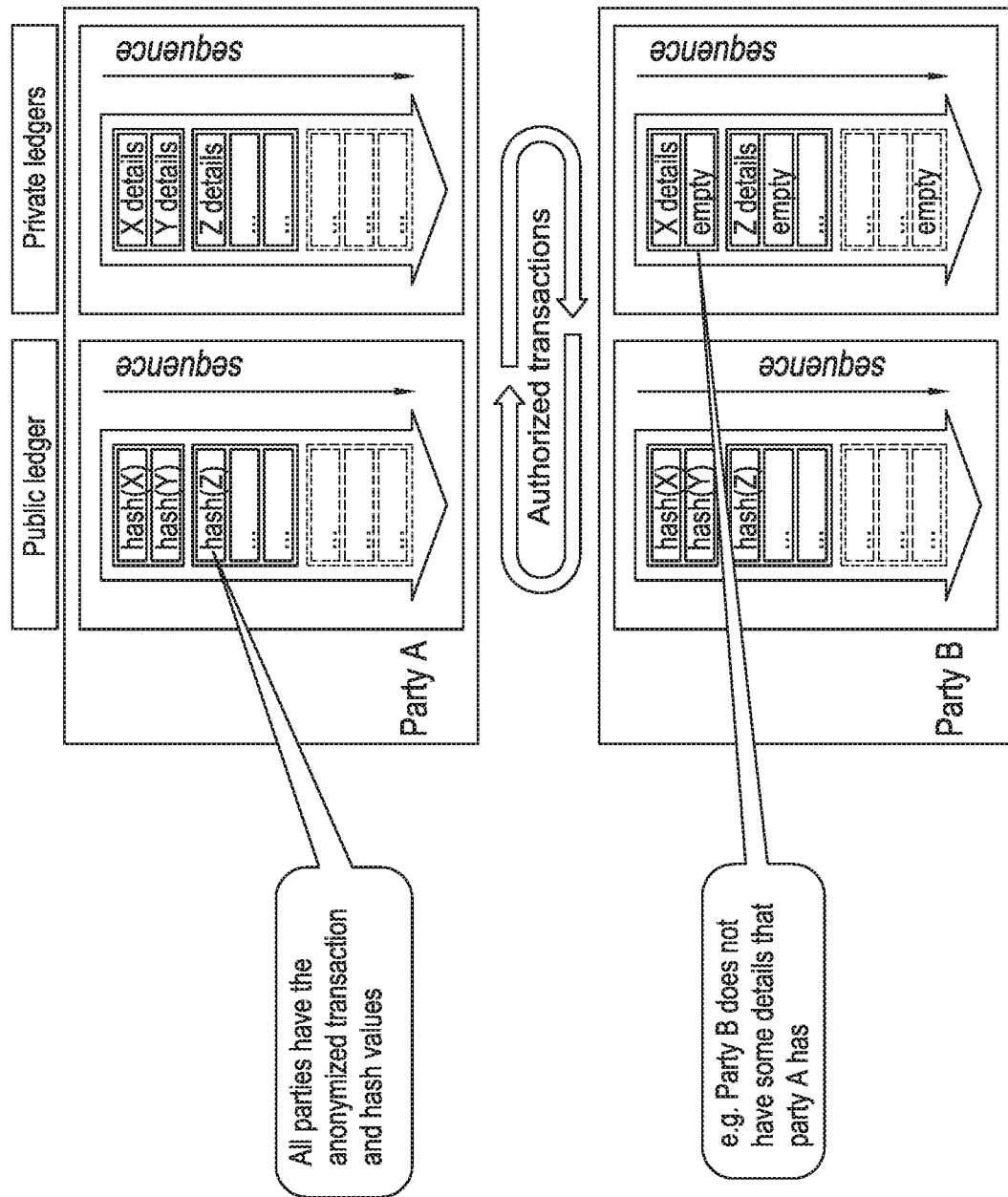


FIG. 27

2700

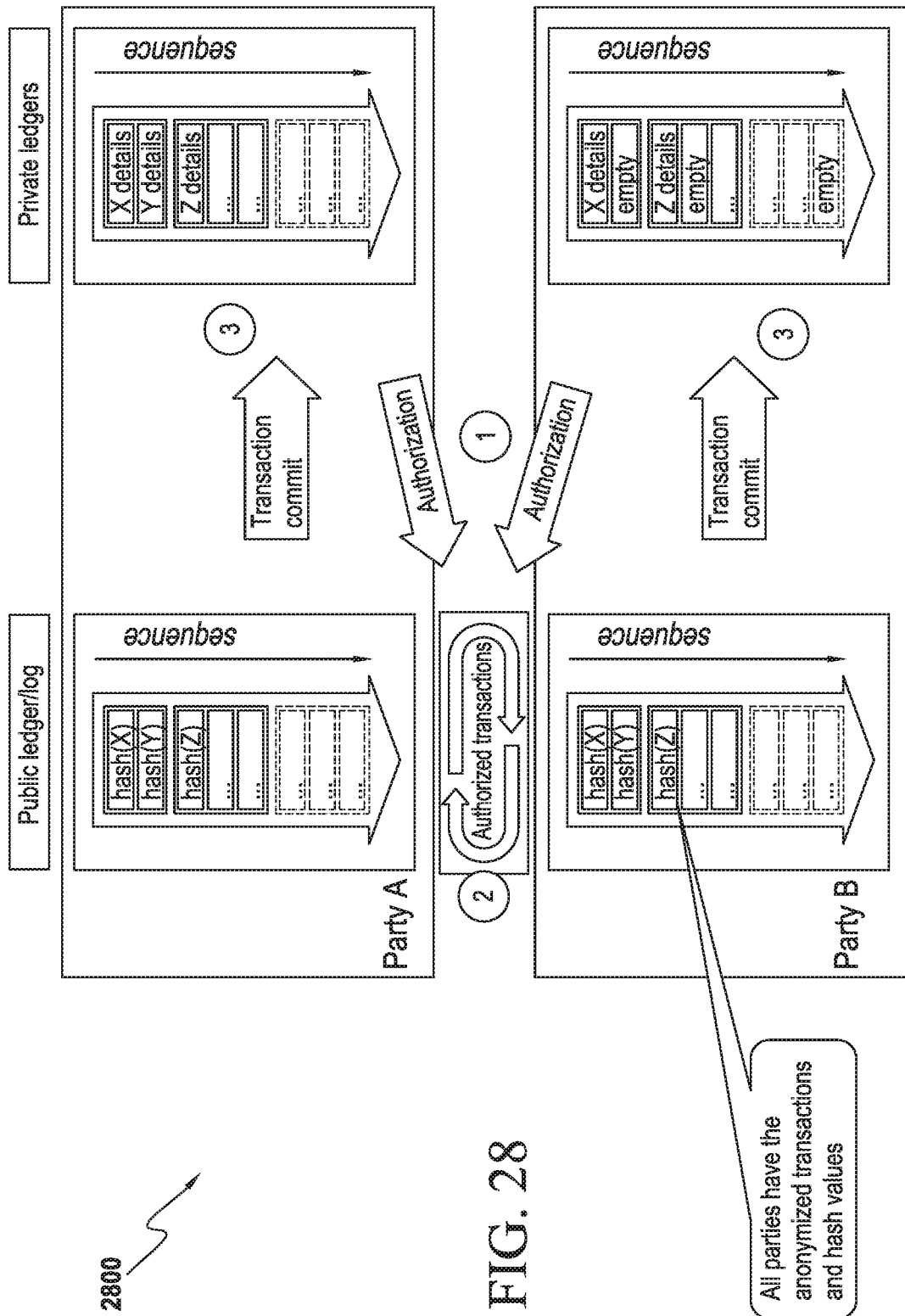


FIG. 28

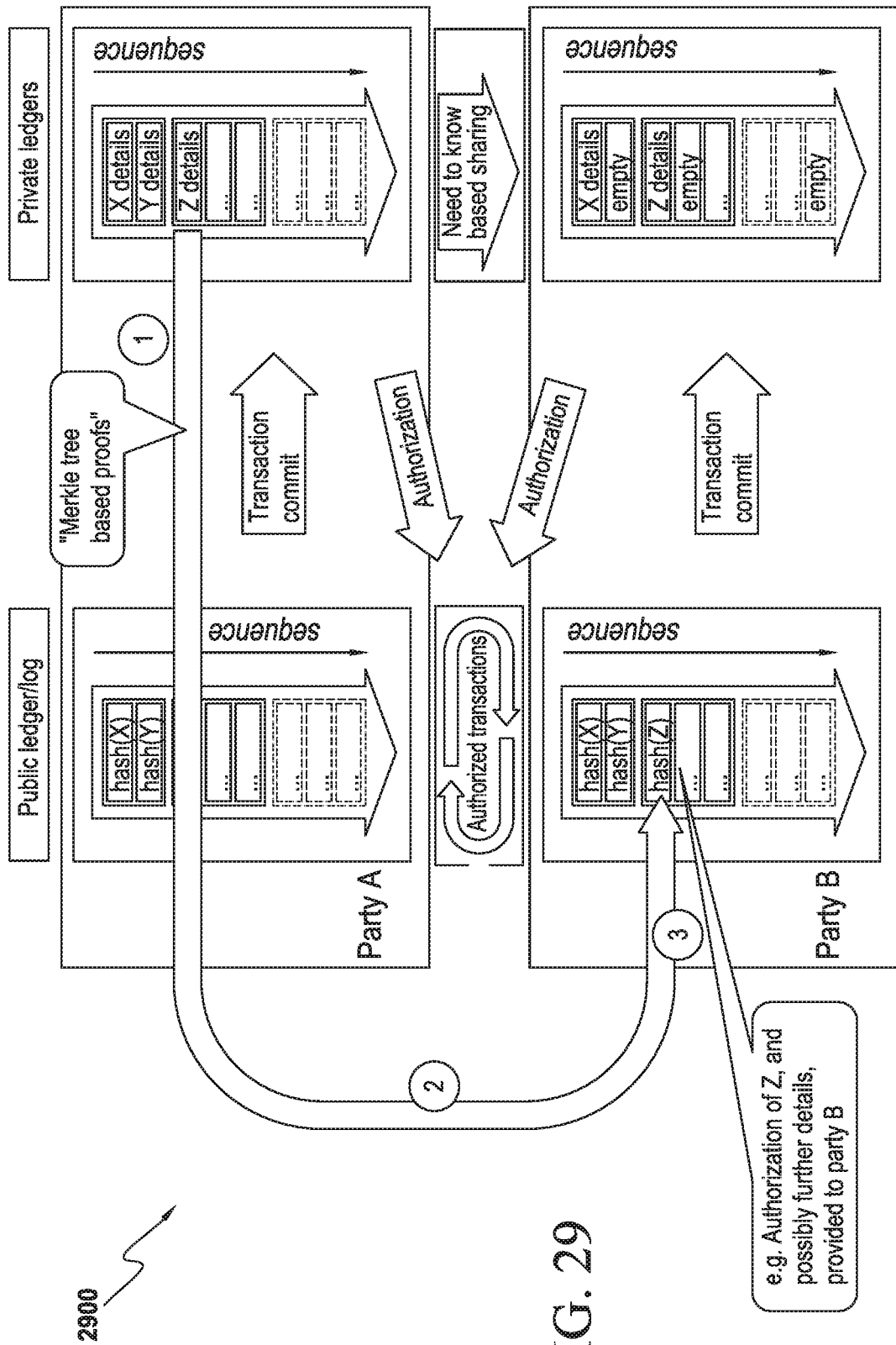


FIG. 29

3000

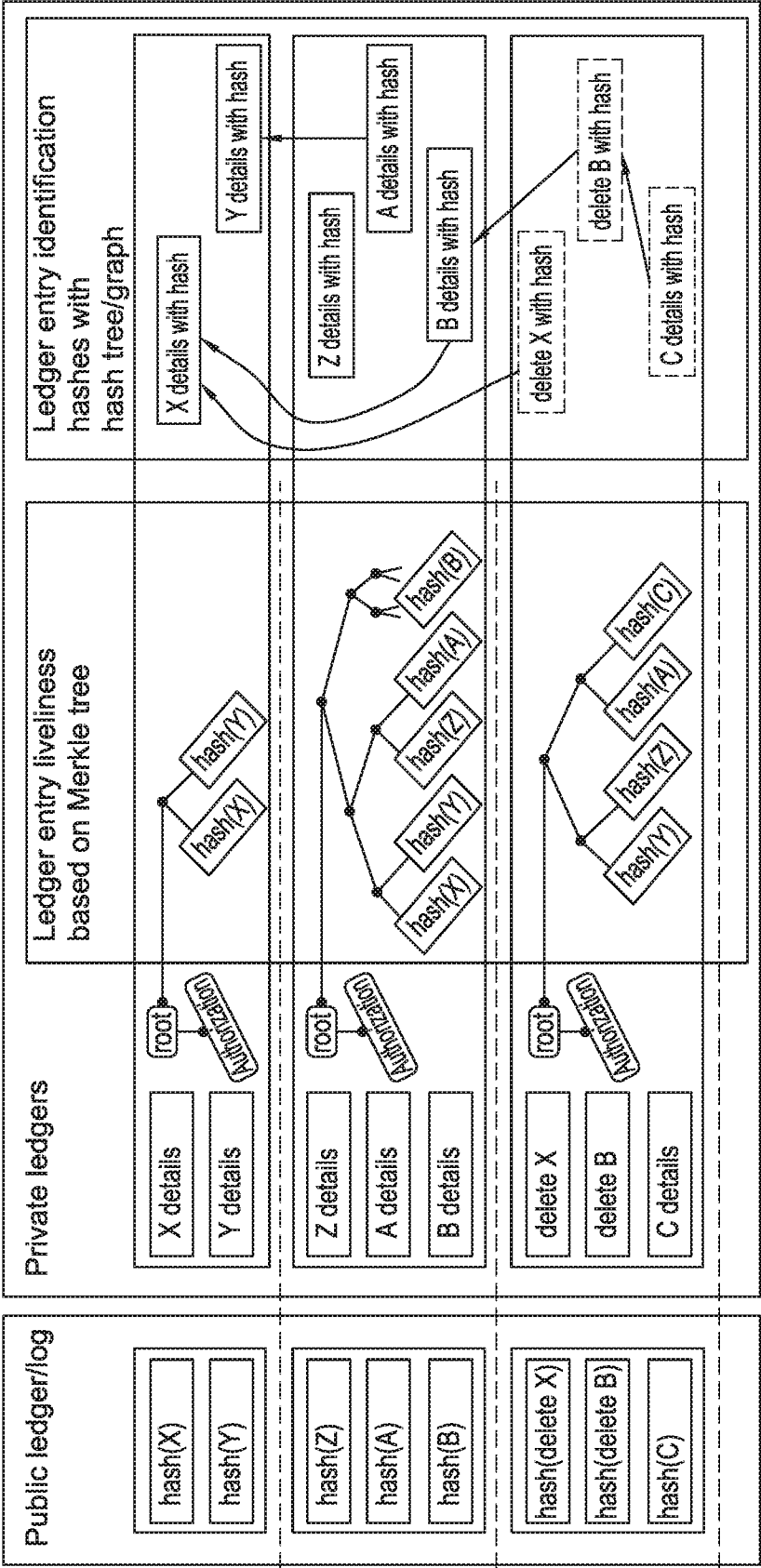


FIG. 30

3100

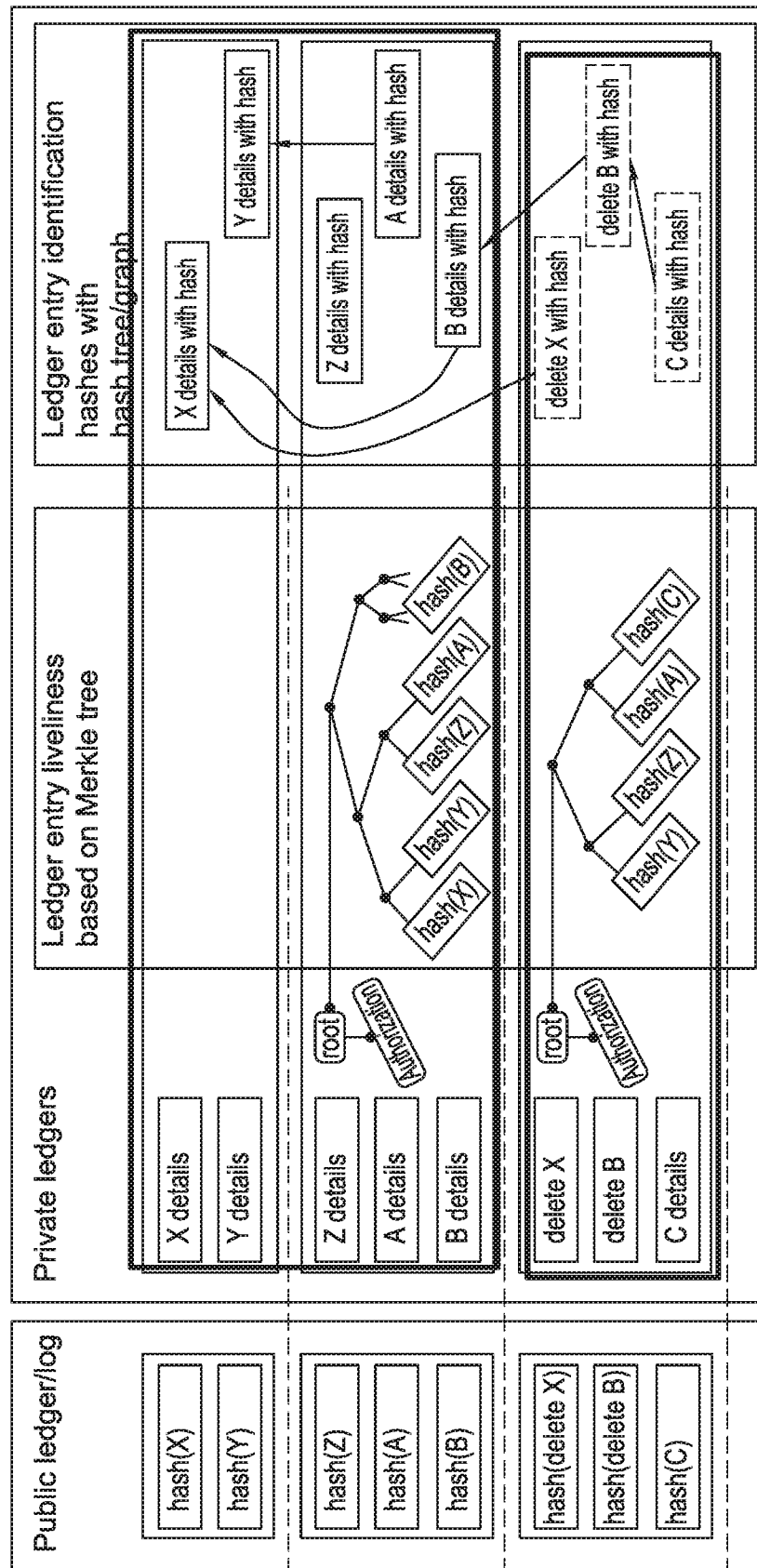


FIG. 31

3200

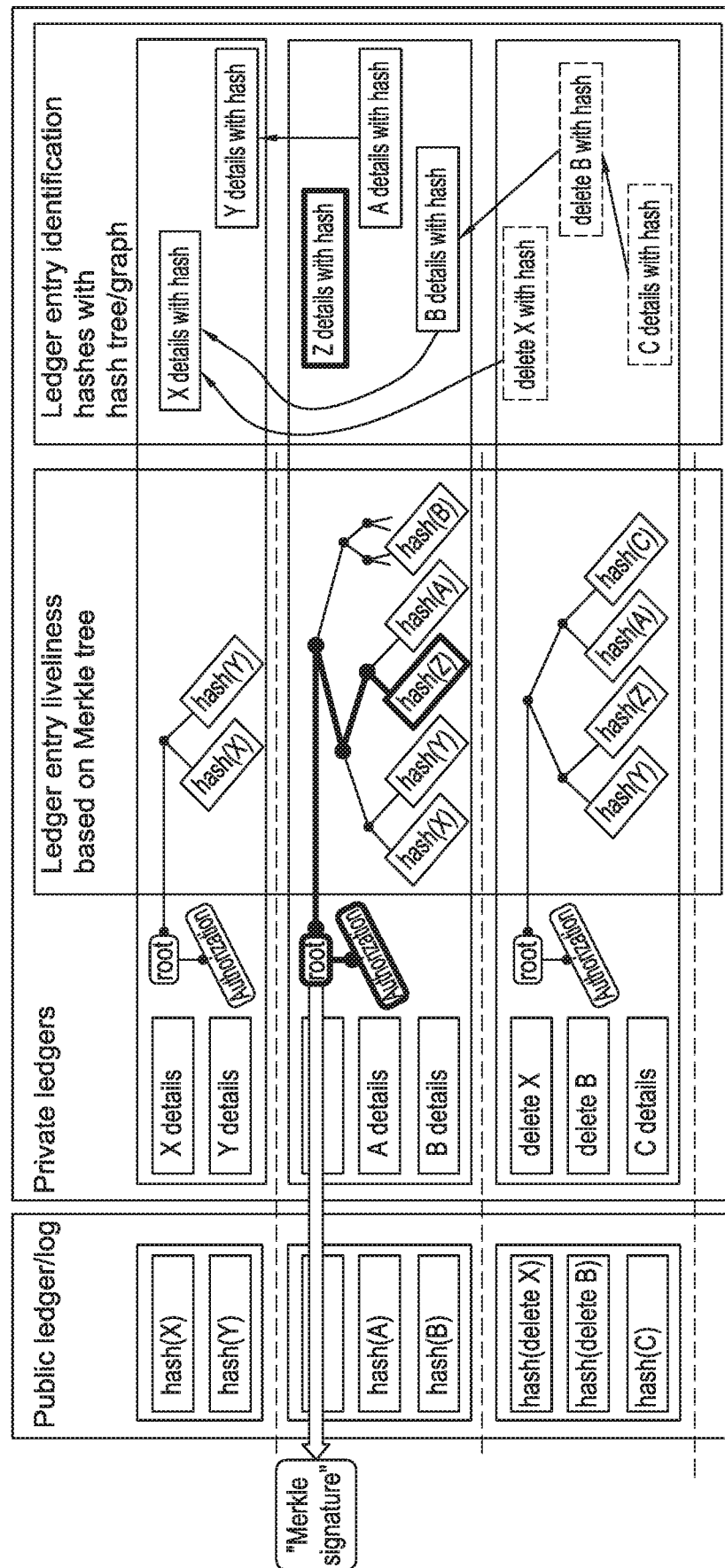


FIG. 32

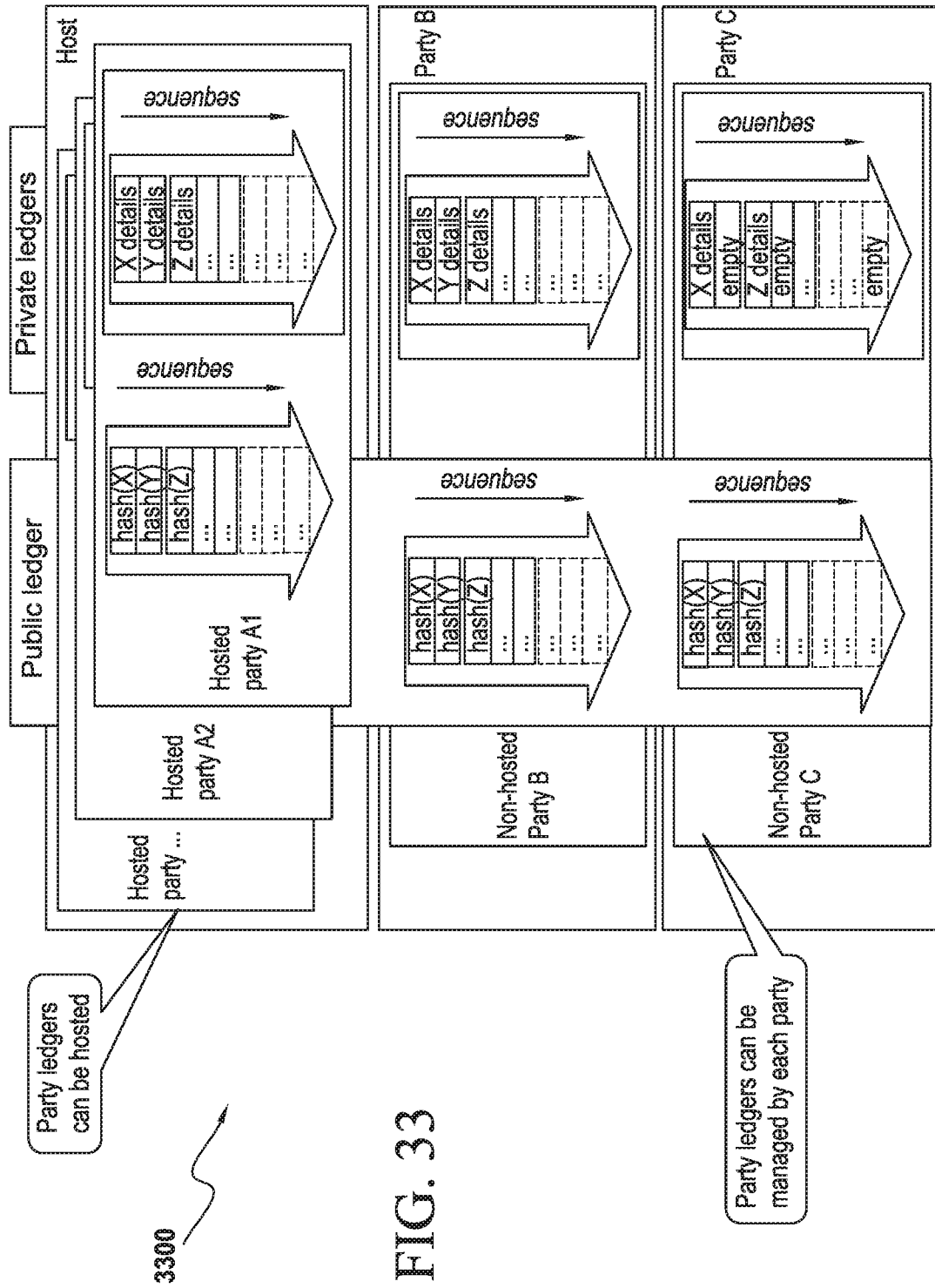


FIG. 33

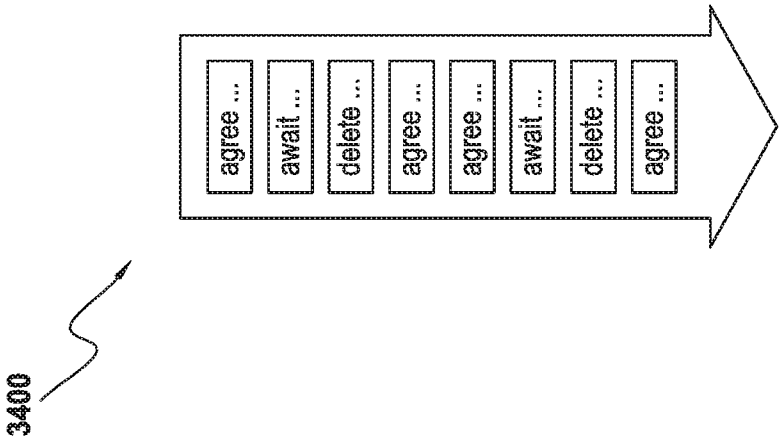


FIG. 34

3500

```

cube2 =
  \fl :: Color
  (flr :: Color)
  (fbl :: Color)
  (fbr :: Color)
  (rtl :: Color)
  (rtr :: Color)
  ...
->
await
{
  "End with solution":
  party1 chooses
  such that
    fl == "Blue" && flr == "Blue" && fbr == "Blue" && rtl == "red" && rtr == "Red" ...
  then
  { "new cube" : party1 , party2 agree "Cube is solved"
    "prize" : ... }
  ...
}

```



Syntax and semantics is fully up to the parties to agree "off ledger".

- All parties to an agreement need to authorize it.

FIG. 35

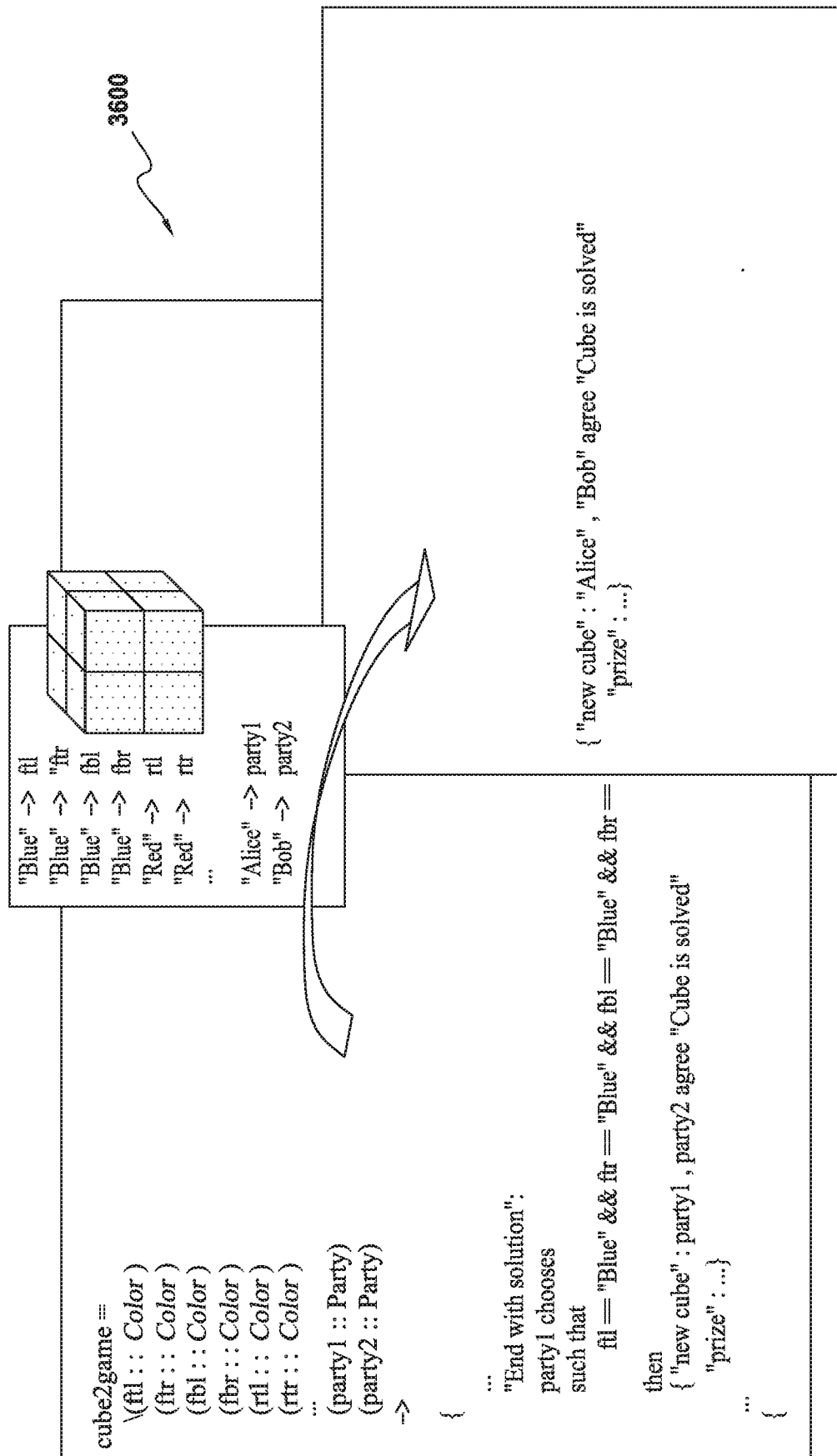


FIG. 36

3700

```

...
registry chooses
mid    :: ContractId,
amountChange :: Integer -> Integer,
newShareClass :: Text,
newOutstanding :: Integer,
reason      :: Text,
effective   :: time
at tchoose
such that
mid ~
mandatoryCorporateAction issuer registry
shareClass version amountChange newShareClass newOutstanding
reason effective
&& effective <= tchoose
then
{ "notification": registry, custodian agree "corporate action" <> "due to" <> reason
, "equity": equity accountId issuer registry newShareClass (version + 1)
  custodian (amountChange amount) newOutstanding
}
...

```

E.g. agreement within an equity contract

FIG. 37

3800

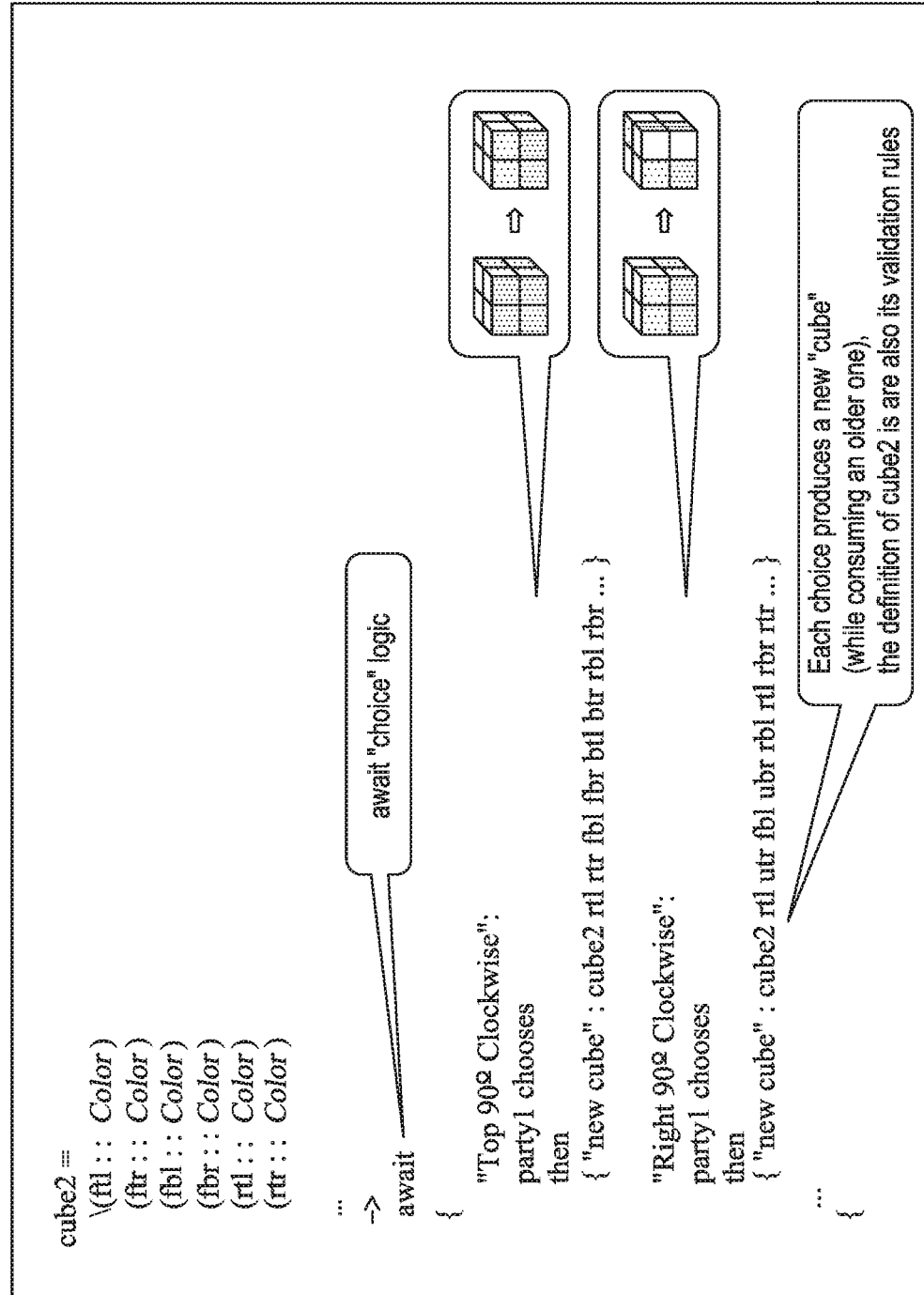


FIG. 38

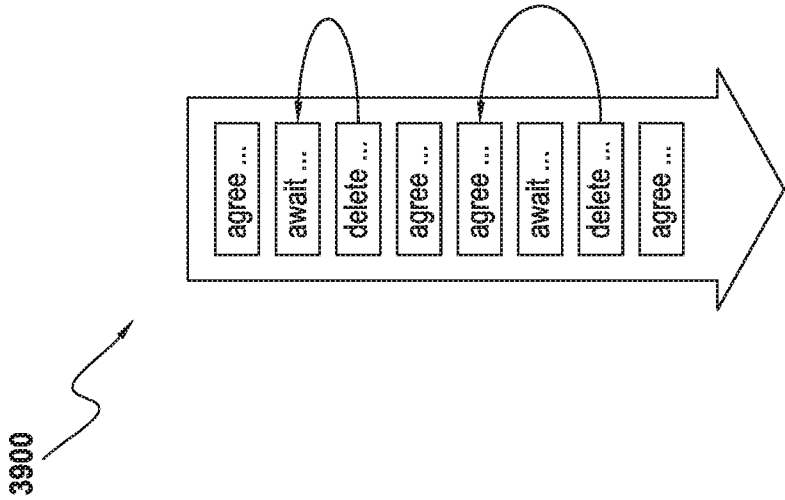


FIG. 39

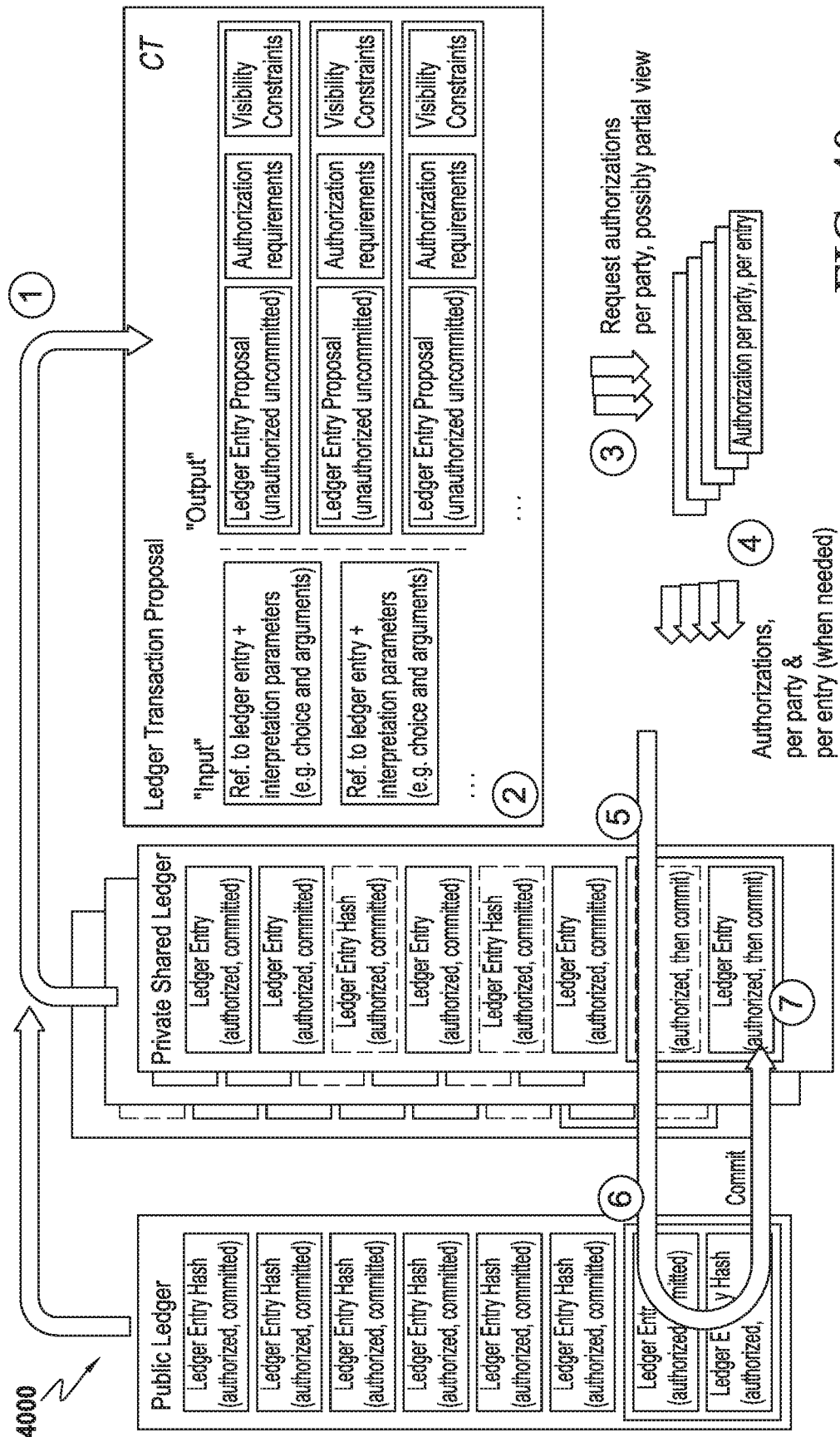
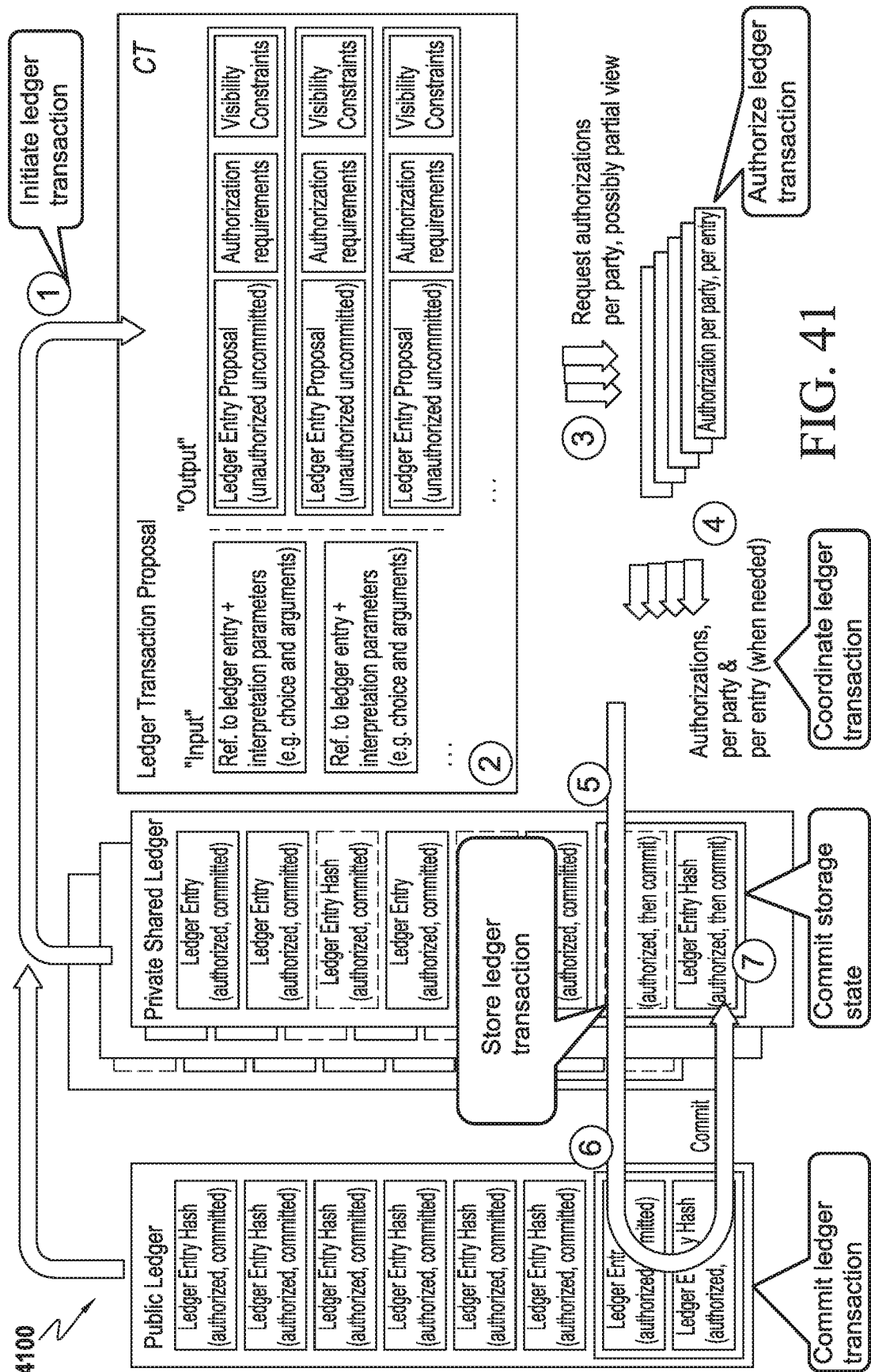


FIG. 40



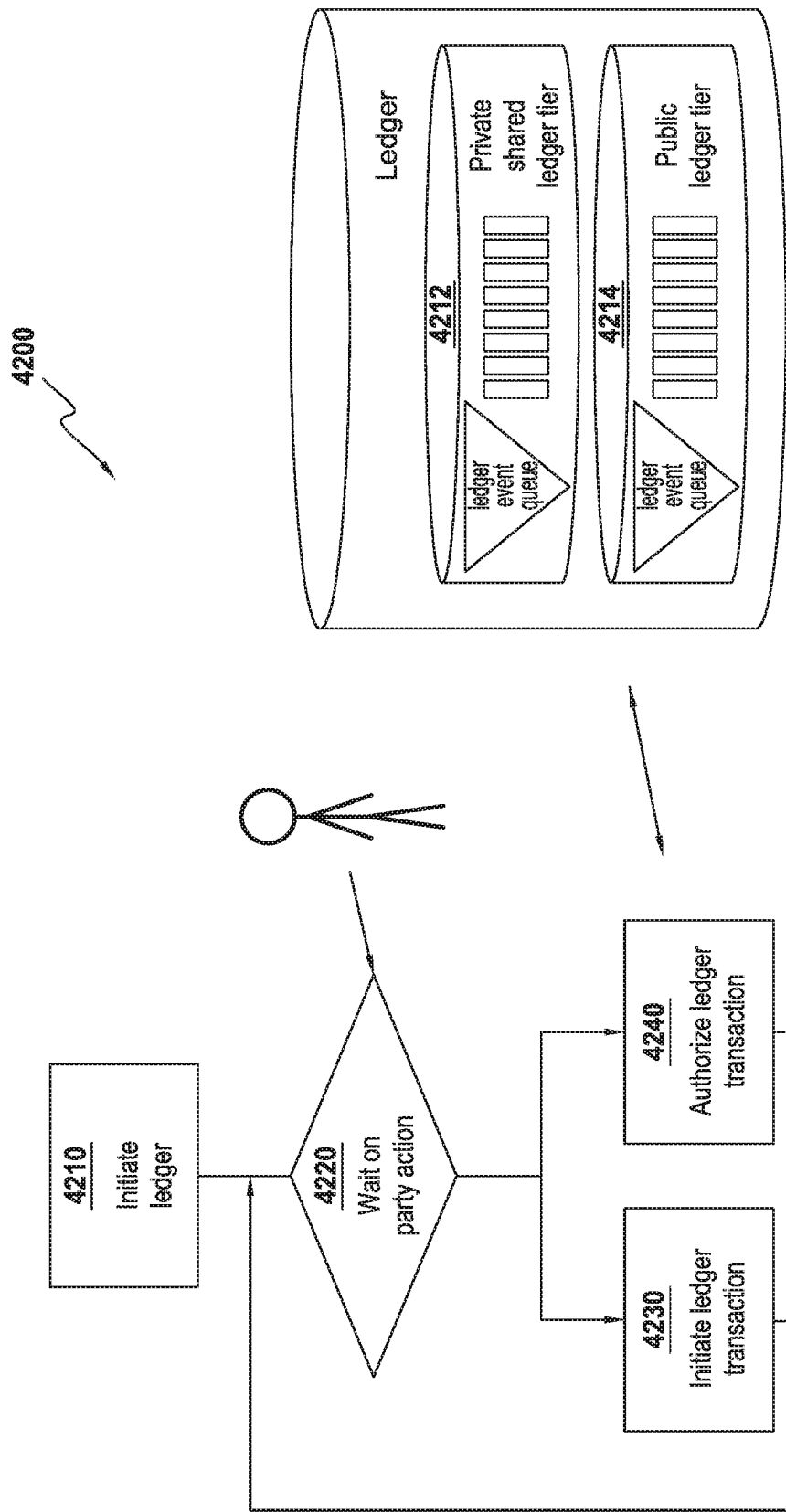
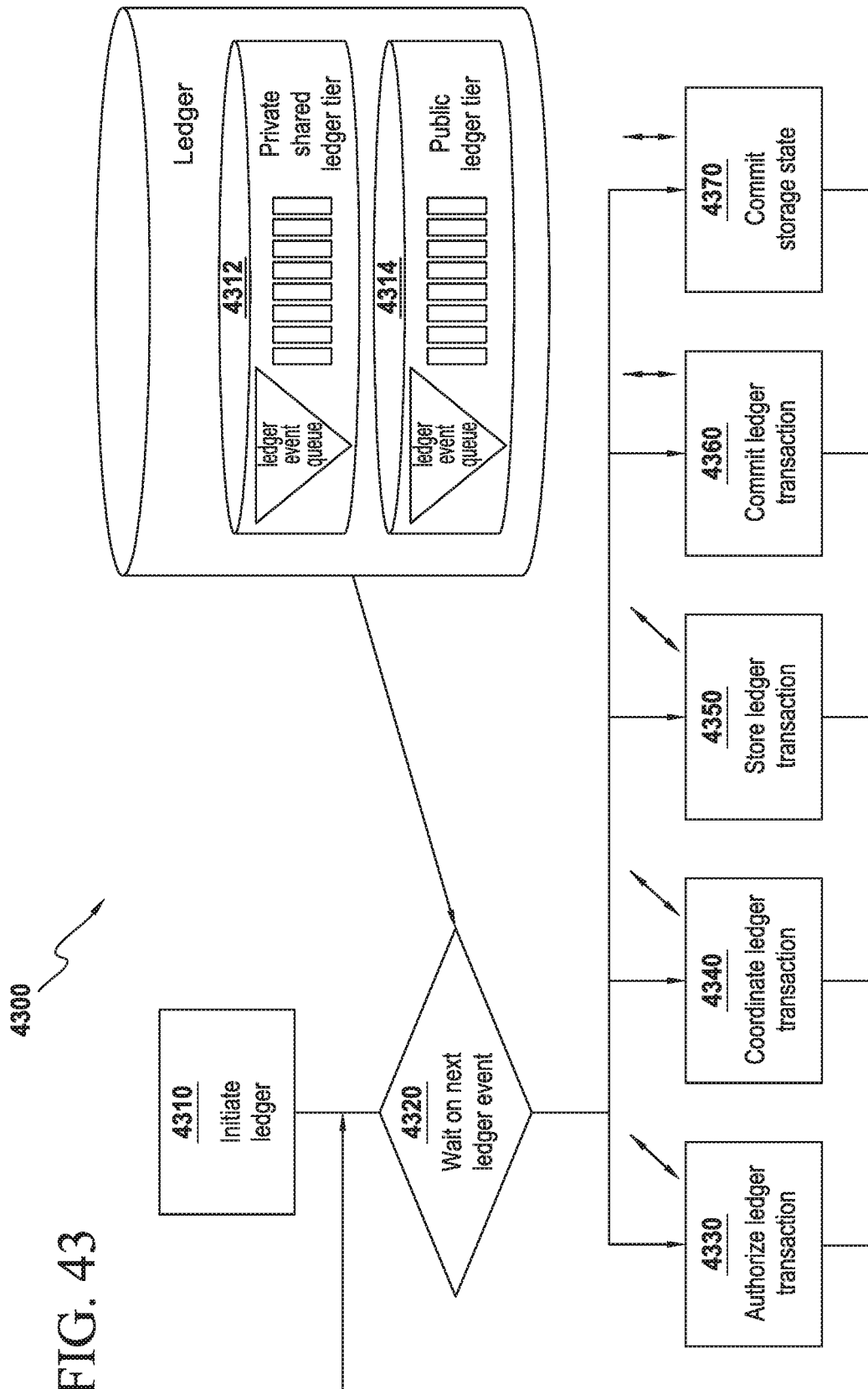
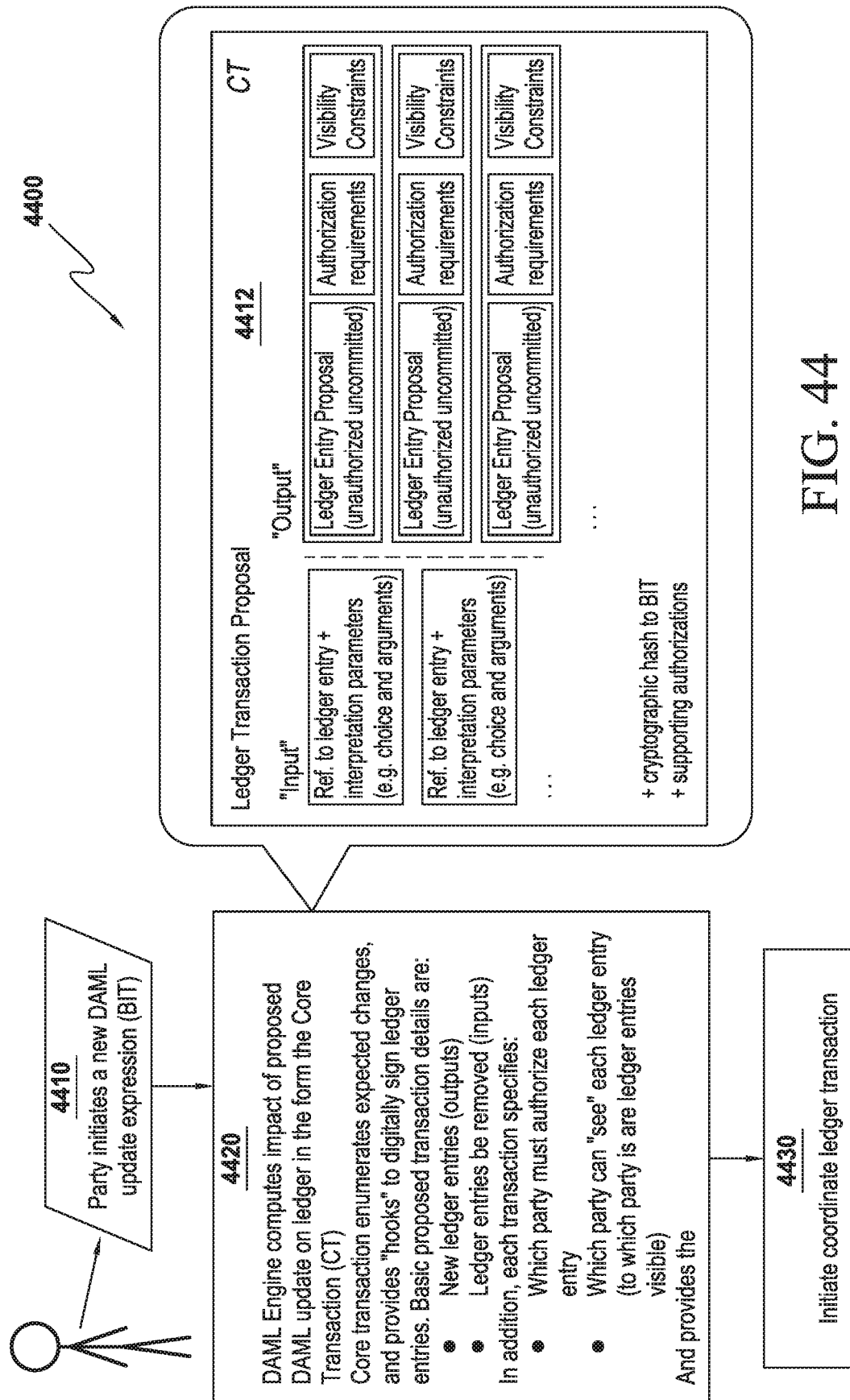


FIG. 42





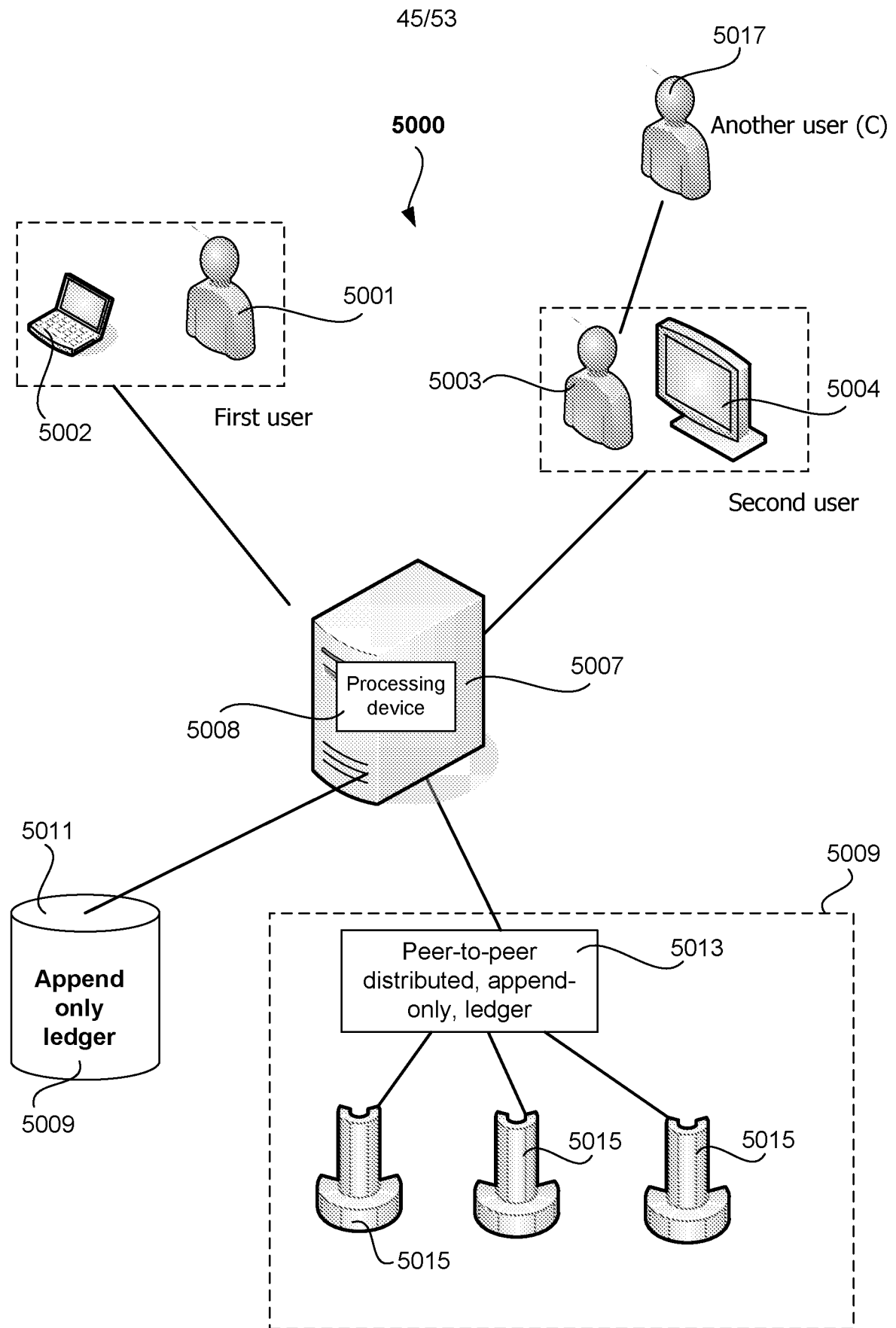


FIG. 45

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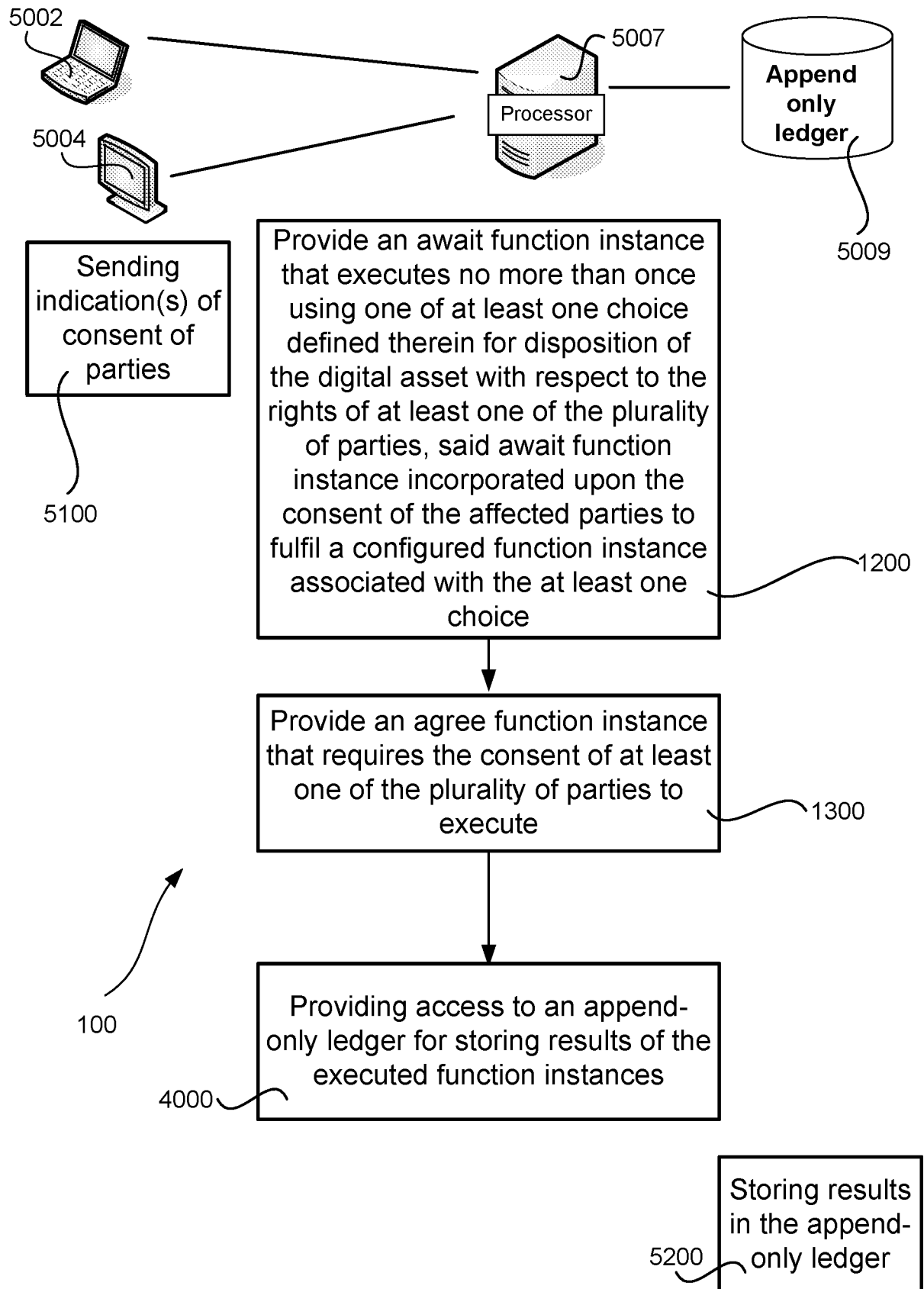
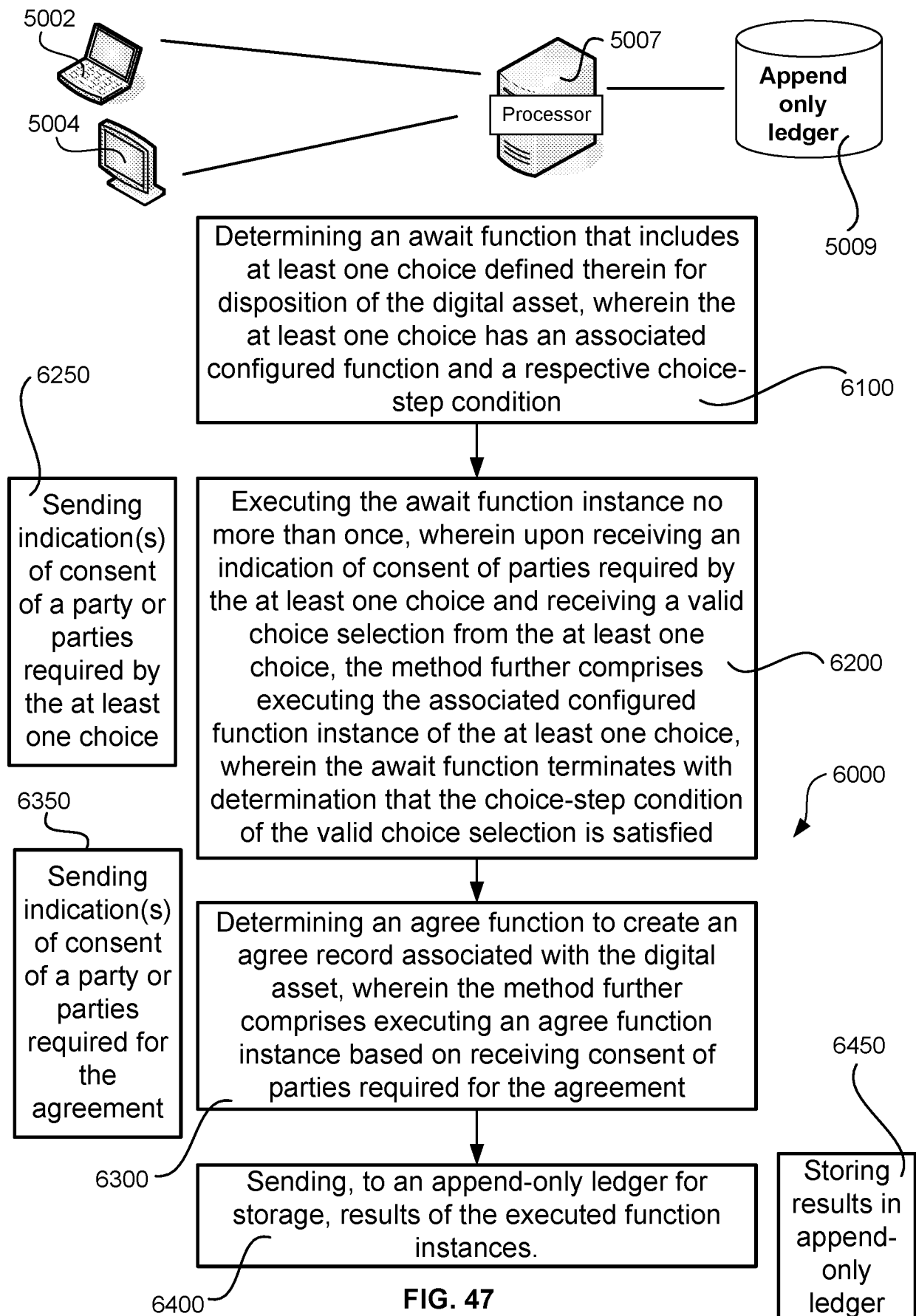


FIG. 46

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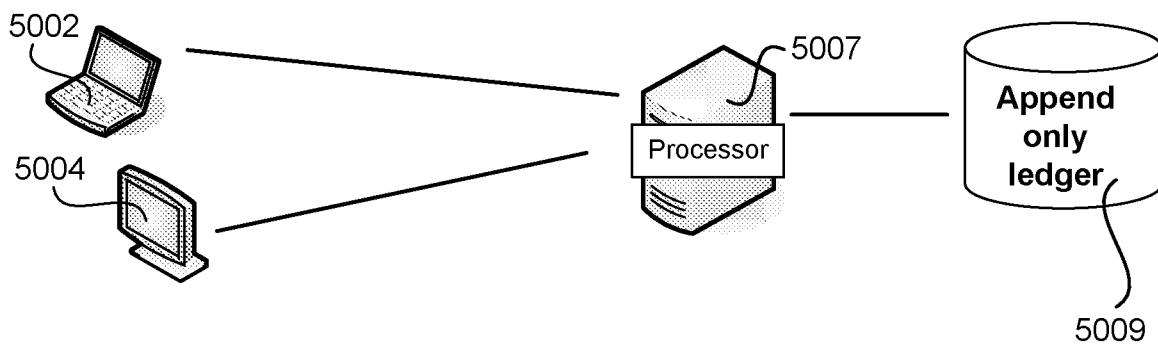
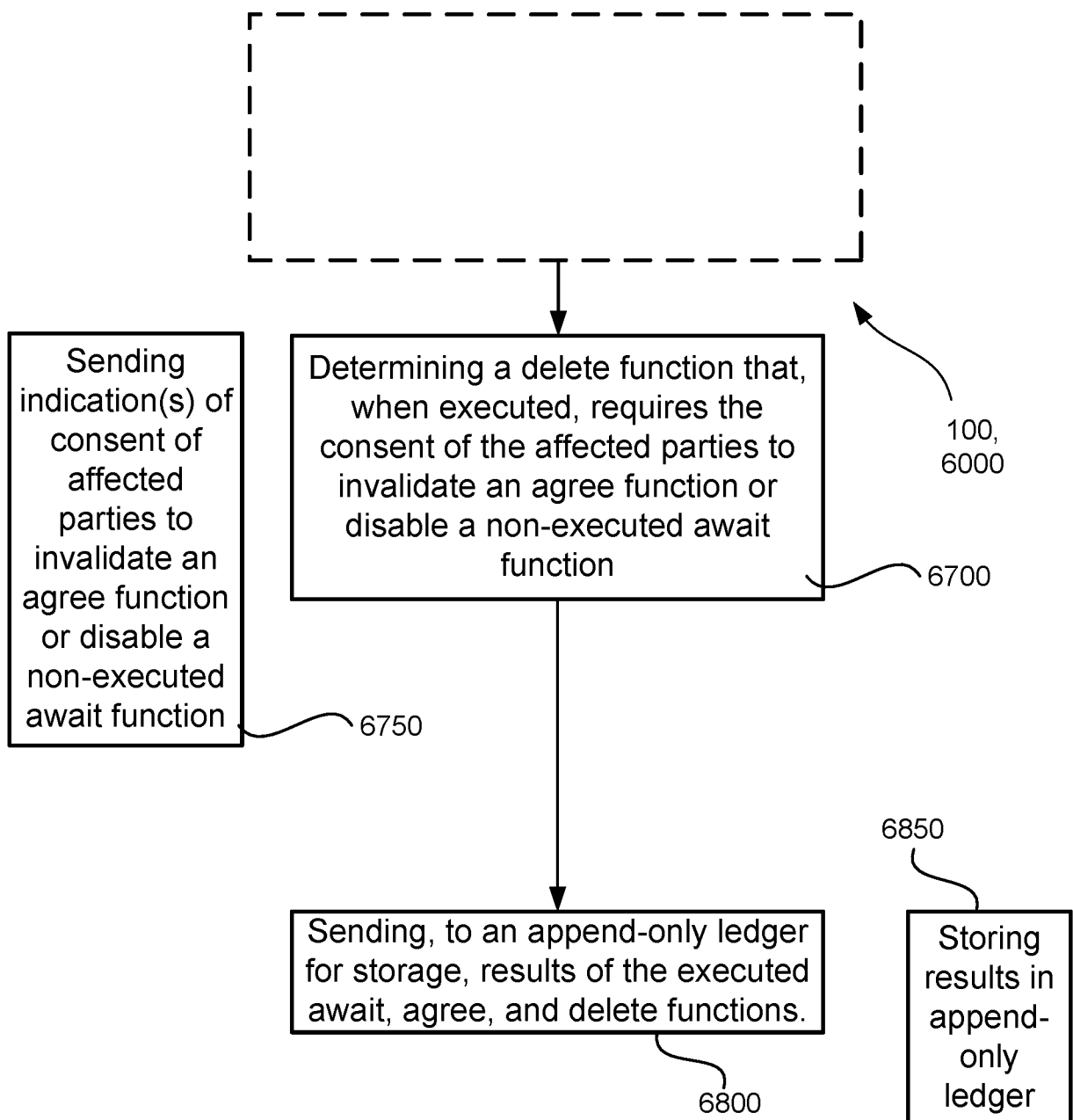


FIG. 48

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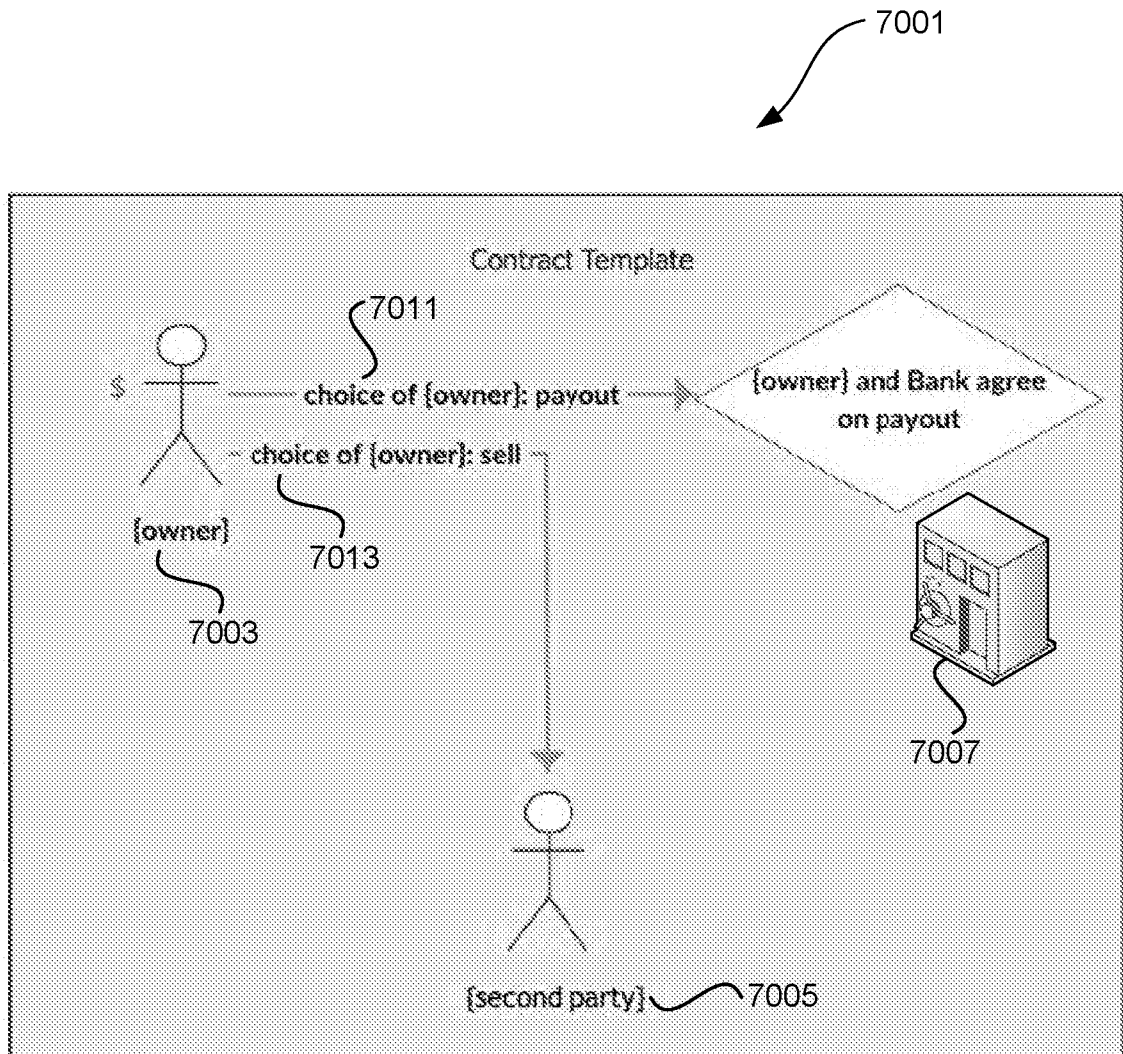


FIG. 49

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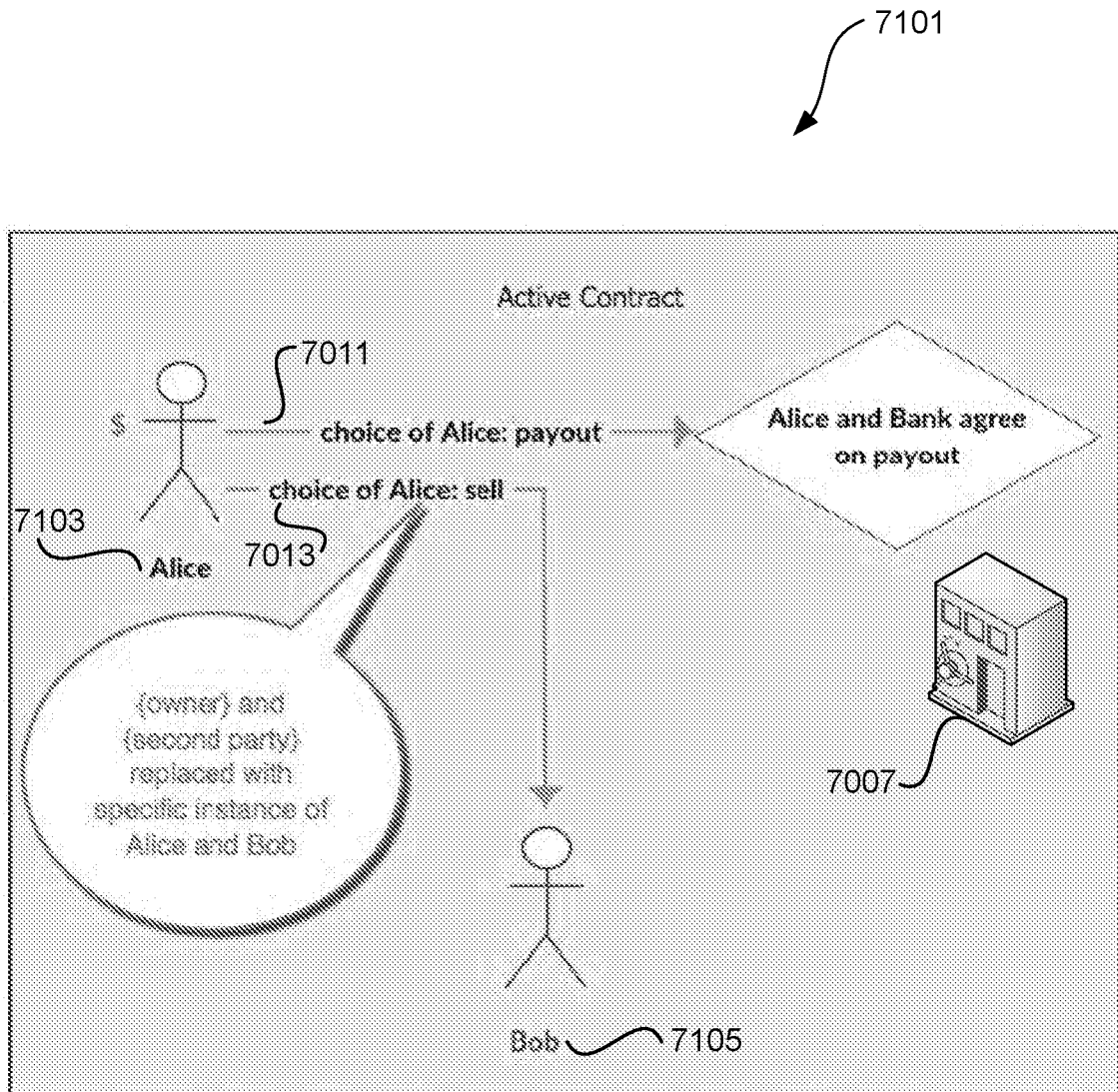


FIG. 50

7201

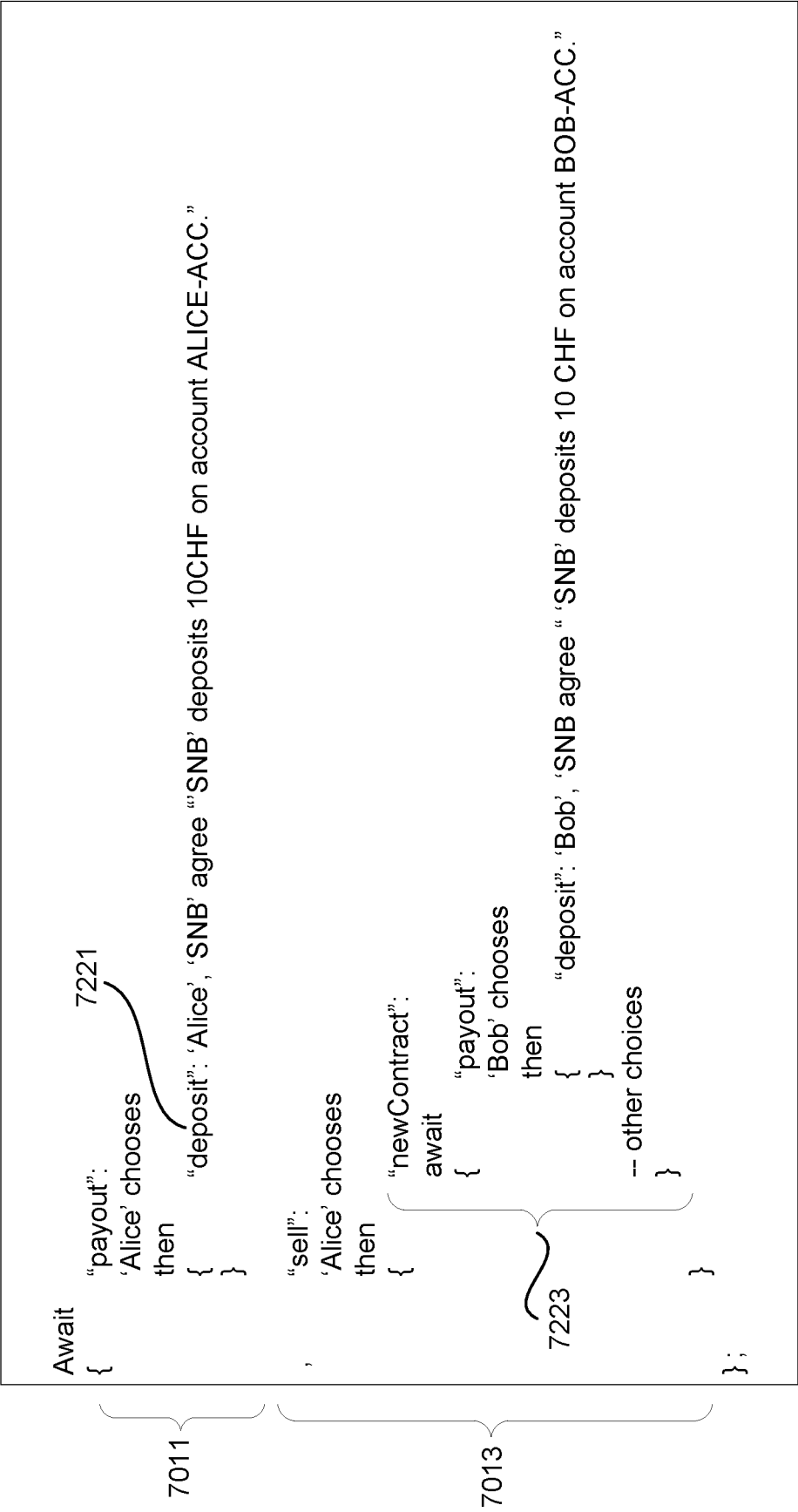


FIG. 51

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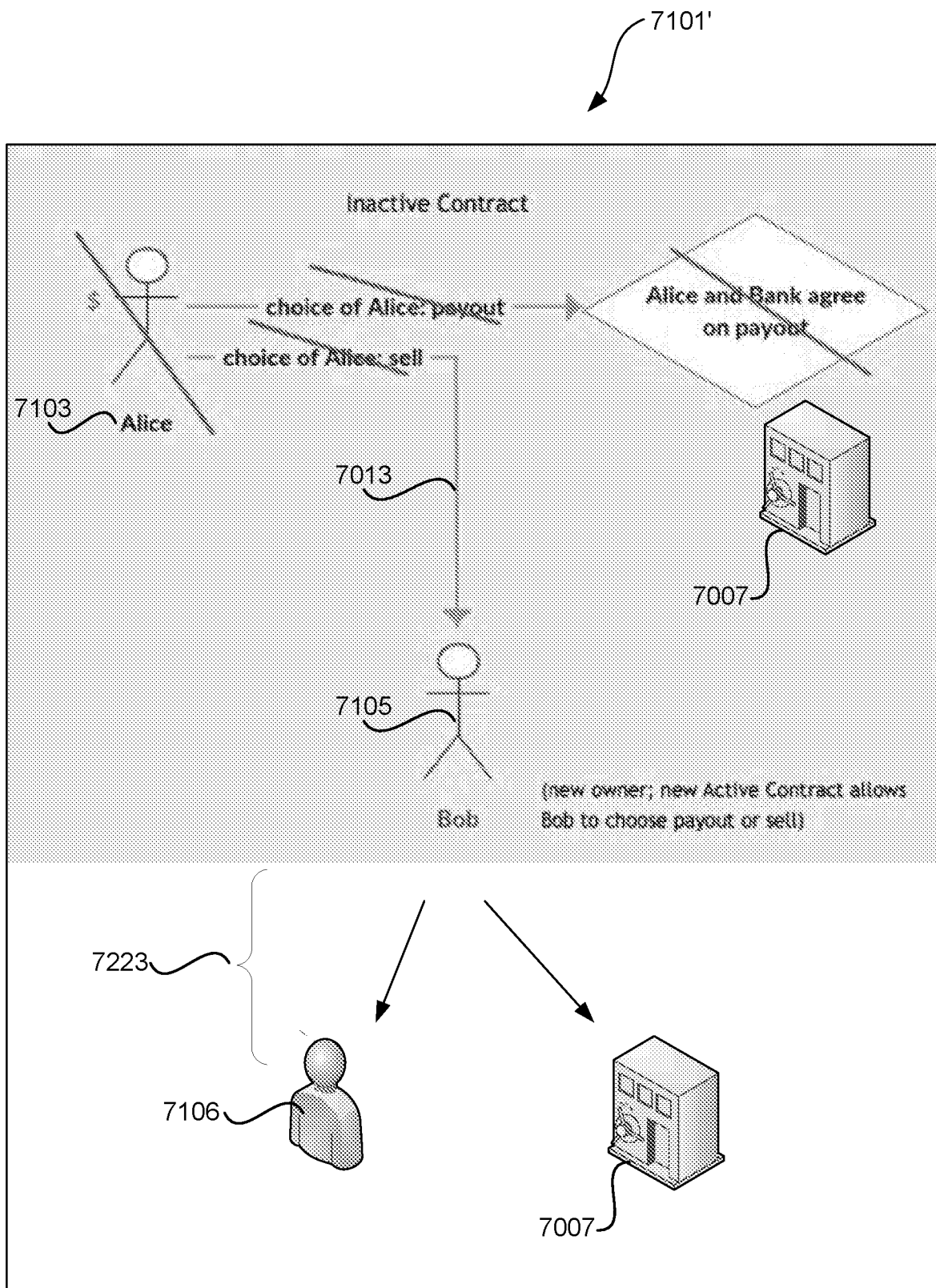


FIG. 52

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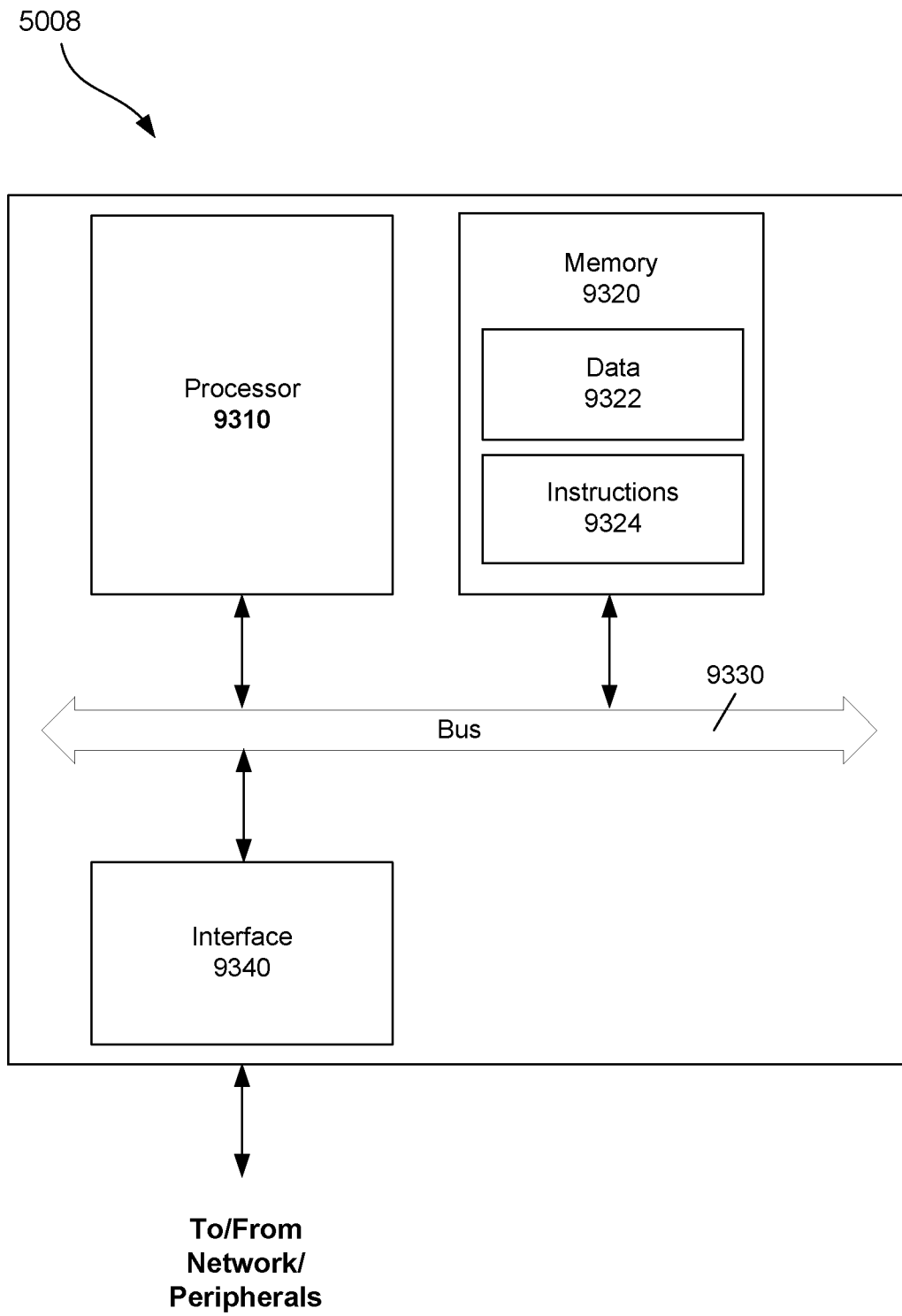


FIG. 53