

Drawings

Fig.1

100

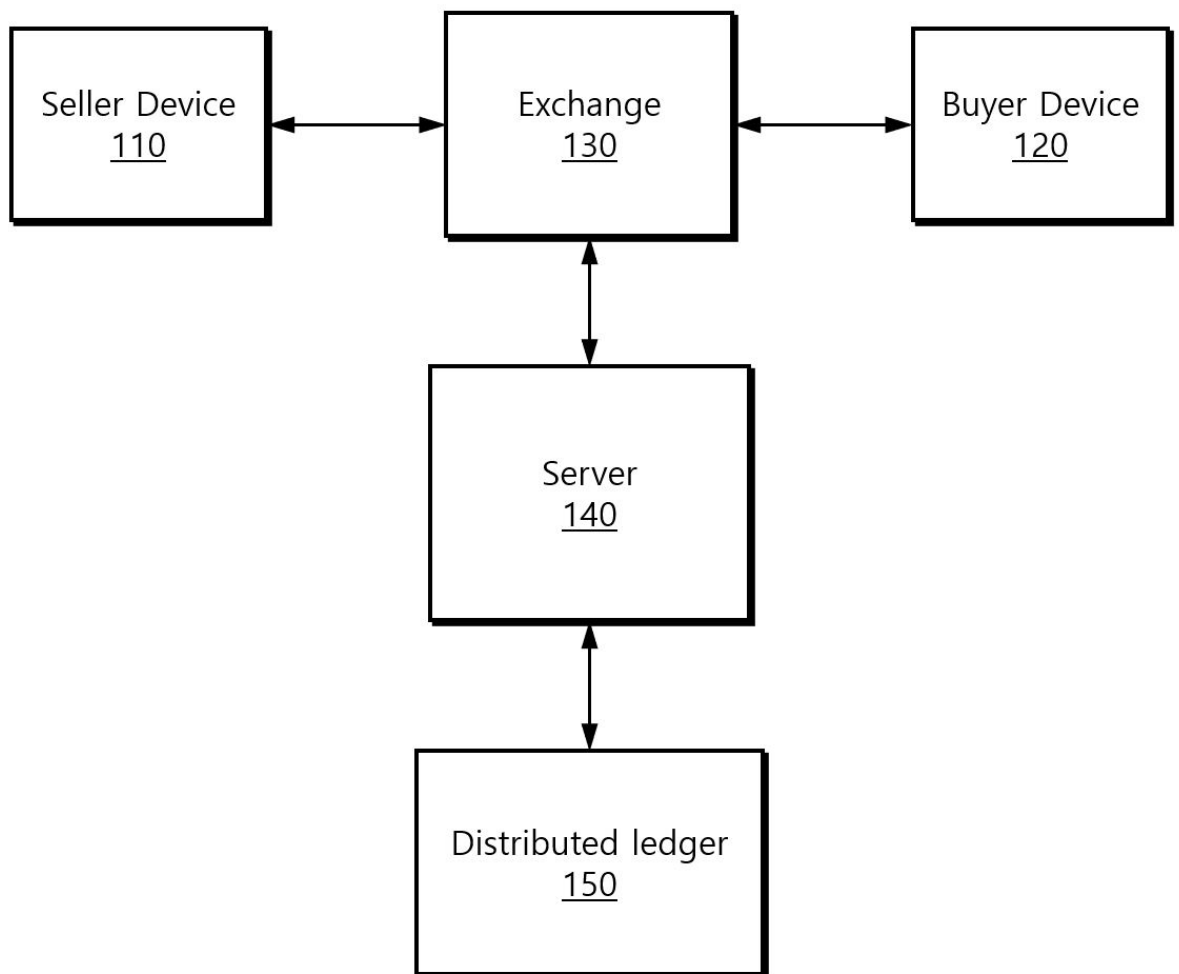


Fig. 2

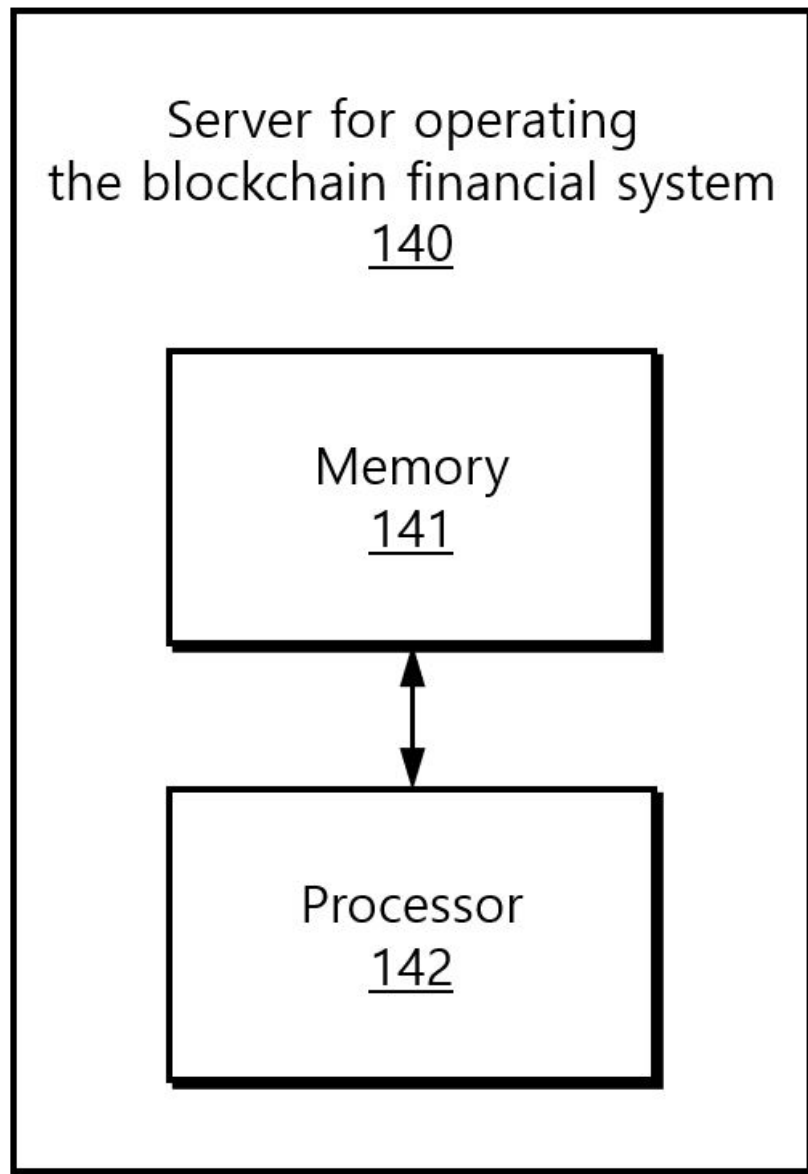


Fig. 3

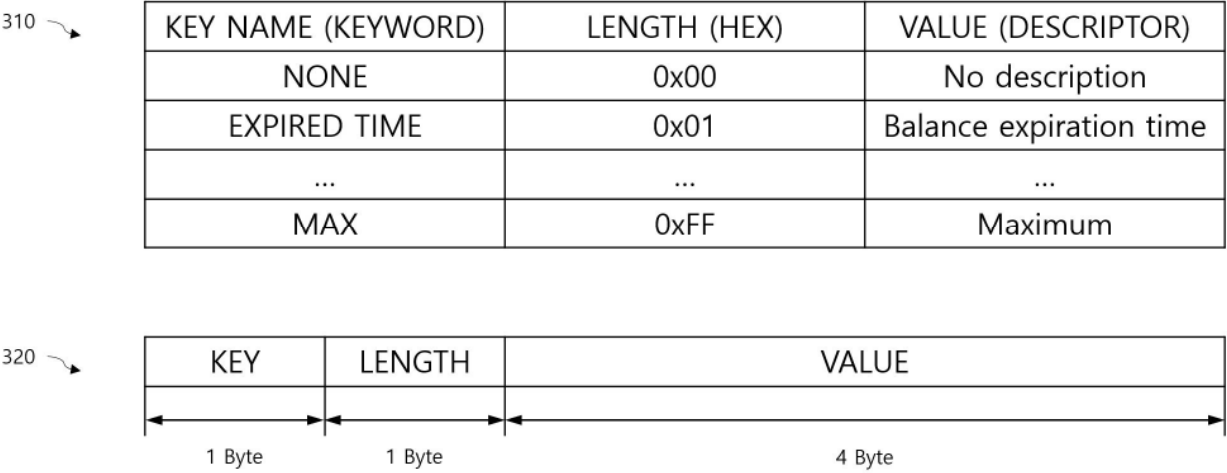


Fig. 4

400



```
/// \brif The Unique Tag of specific  
/// input a from transaction  
  
class tag  
    protected key is 1 byte  
    protected legth is 1byte  
    protected value is unsigned character of length N  
endclass
```

Fig. 5

500



```
/// \brief The unique identifier of
/// specific output from a transaction
class outputpoint
    protected transaction_id    byte[32]
    protected index            unsigned int
endclass

/// \brief An output of a transaction
class output
    protected public_key        byte[32]
    protected value             unsigned int
endclass
```

Fig. 6

600



```
/// \brief An Input of New Transaction
class Input
    protected tags      array(tag)
    protected outpoints array(outpoint)
    protected outputs   array(output)
endclass

/// \brief An Verify for transaction
class witness
    public signature     byte[64]
endclass
```

Fig. 7

700



```
function duplicate(Tag A, Tag B)
  if A.key Not Equal B.key      then return False
  if A.length Not Equal B.Length then return False
  if A.Value Not Equal B.Value  then return False
  return True
endfunction

function delete(Transaction T)
  for tagA in range 0 ... length(T.tags)
    for tagB in range 1 ... length(T.tags)
      is_duplicate = duplicate(tagA, tagB)
      if is_duplicate Equal True
        delete(tagB)
      end if
    end for
  end for
endfunction
```

Fig. 8

