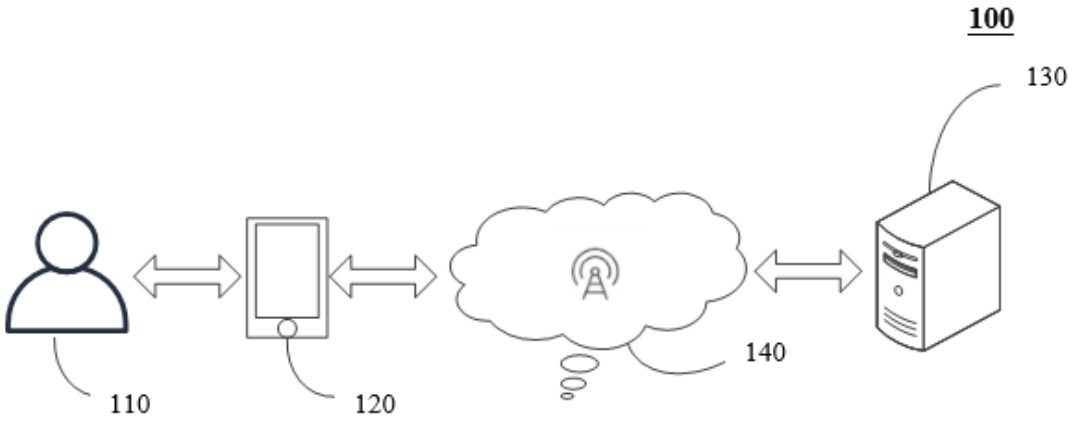

100
130
110
120
140

FIG. 1

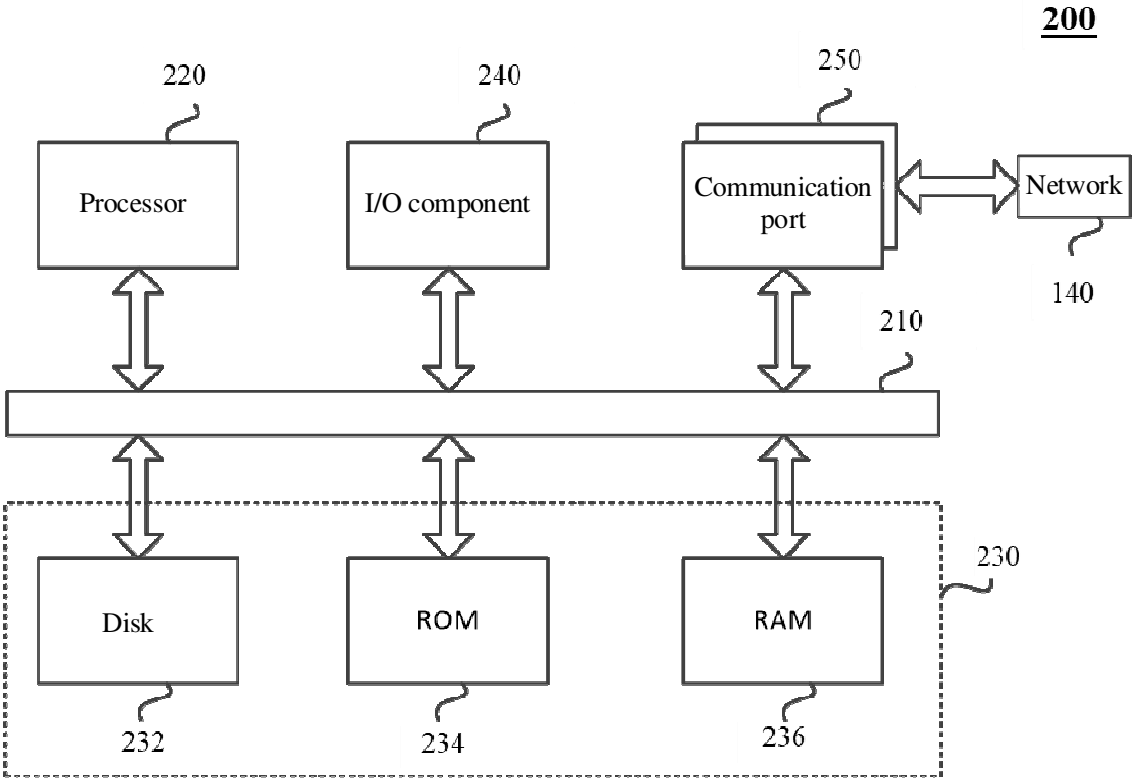

200
220
240
250
Processor
I/O component
Communication port
Network
140
210
230
Disk
ROM
RAM
232
234
236

FIG. 2

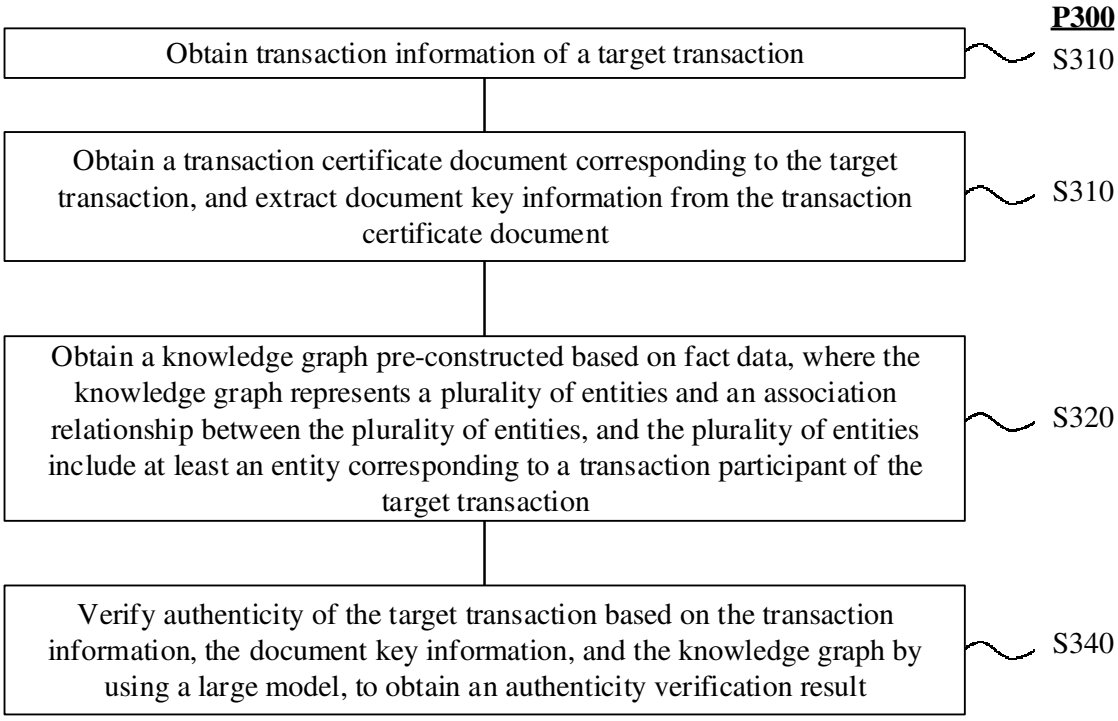

P300
Obtain transaction information of a target transaction
S310
Obtain a transaction certificate document corresponding to the target transaction, and extract document key information from the transaction certificate document
S310
Obtain a knowledge graph pre-constructed based on fact data, where the knowledge graph represents a plurality of entities and an association relationship between the plurality of entities, and the plurality of entities include at least an entity corresponding to a transaction participant of the target transaction
S320
Verify authenticity of the target transaction based on the transaction information, the document key information, and the knowledge graph by using a large model, to obtain an authenticity verification result
S340

FIG. 3

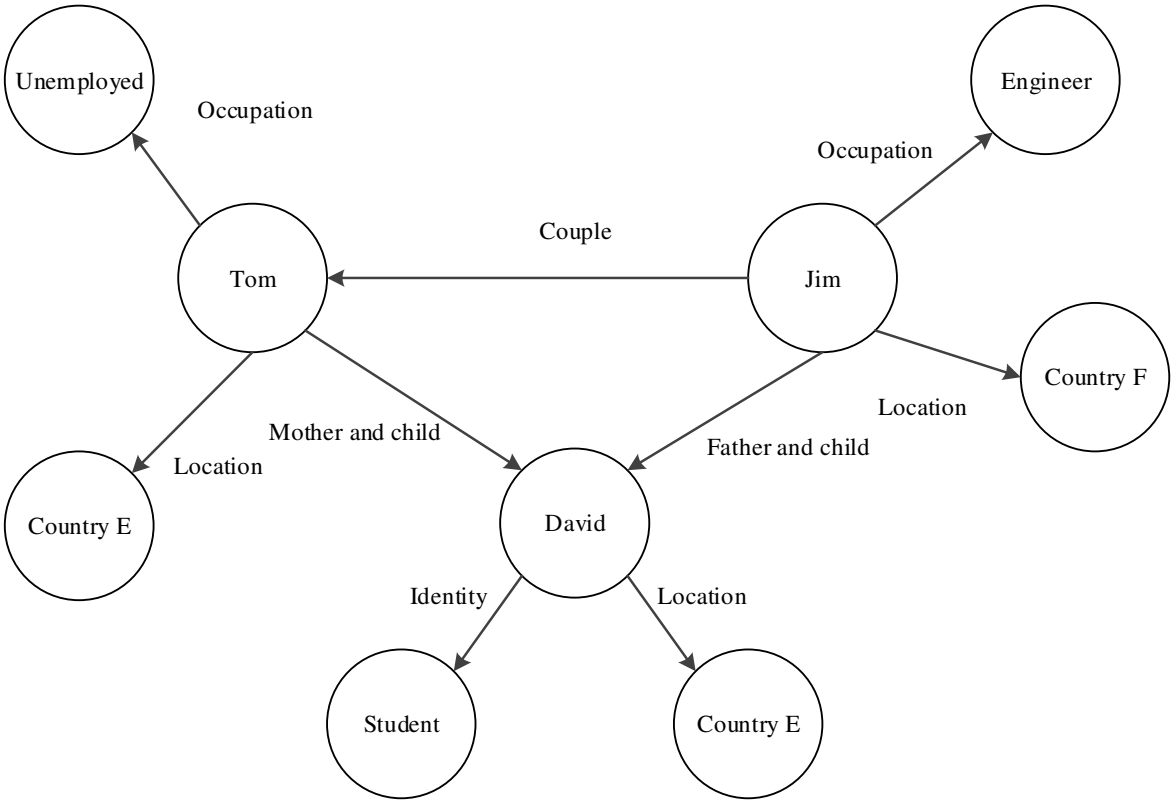

Unemployed
Occupation
Engineer
Occupation
Couple
Tom
Jim
Country F
Location
Mother and child
Location
Father and child
Country E
David
Identity
Location
Student
Country E

FIG. 4

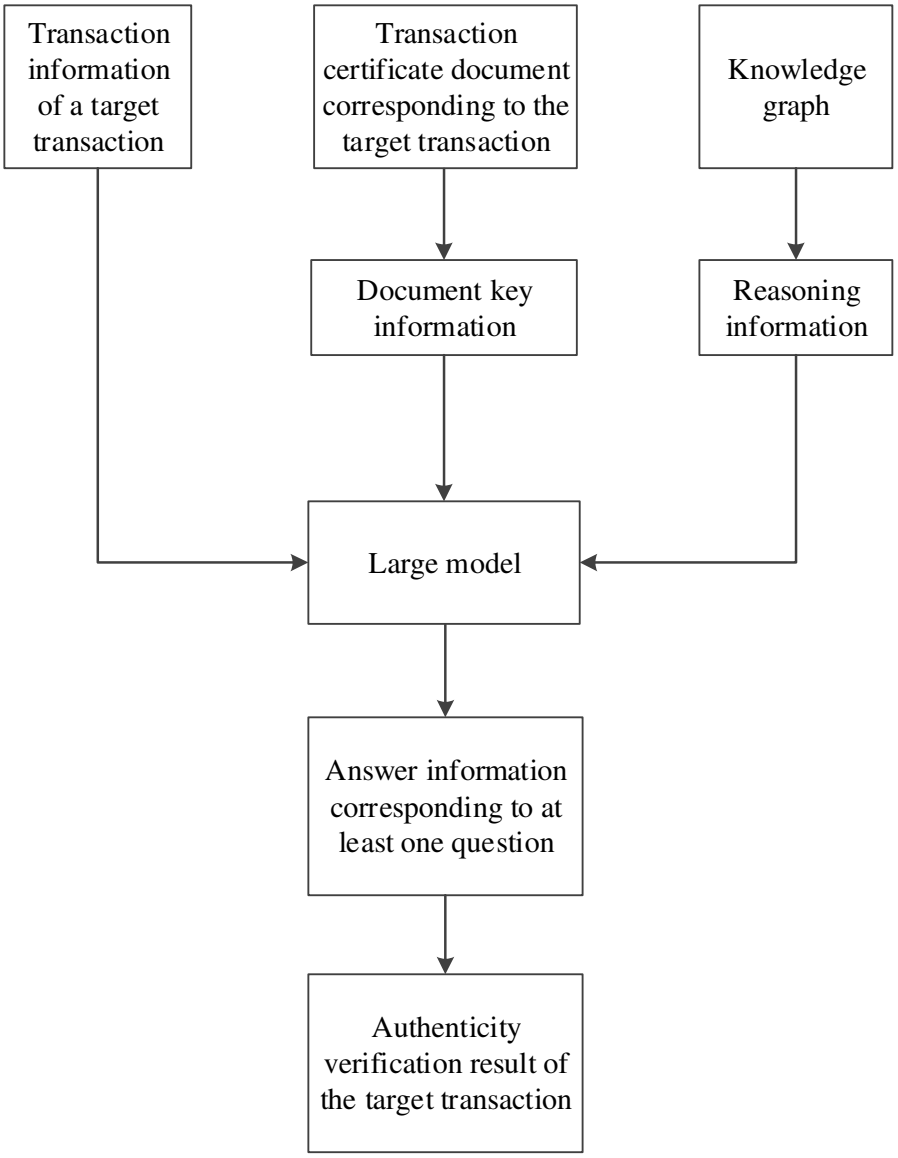

Transaction information of a target transaction
Transaction certificate document corresponding to the target transaction
Knowledge graph
Document key information
Reasoning information
Large model
Answer information corresponding to at least one question
Authenticity verification result of the target transaction

FIG. 5