DRAWINGS

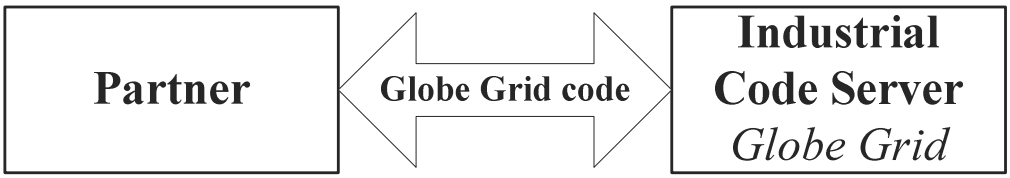


Fig. 1

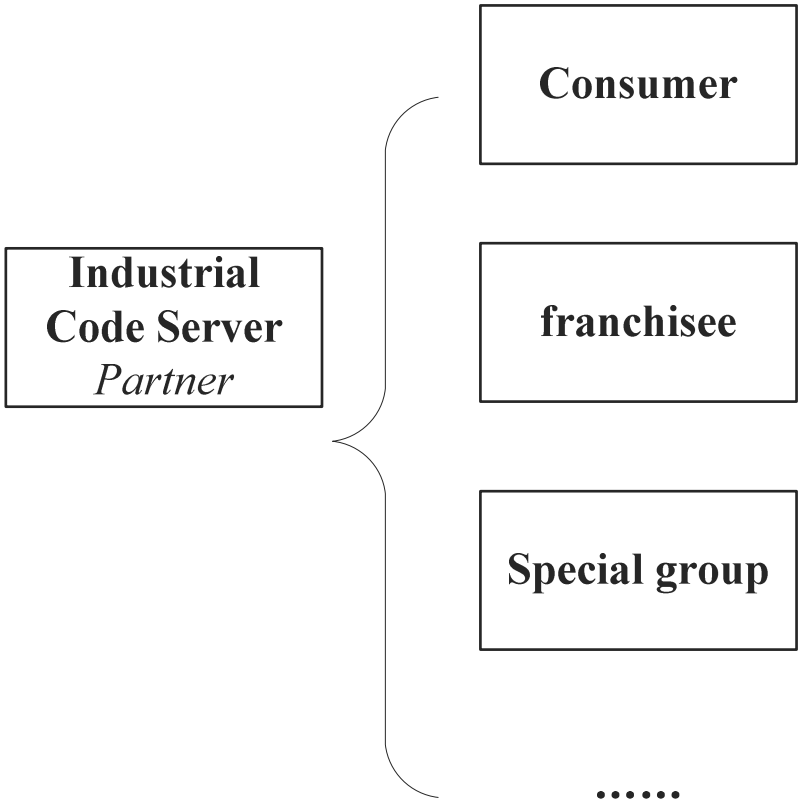


Fig. 2

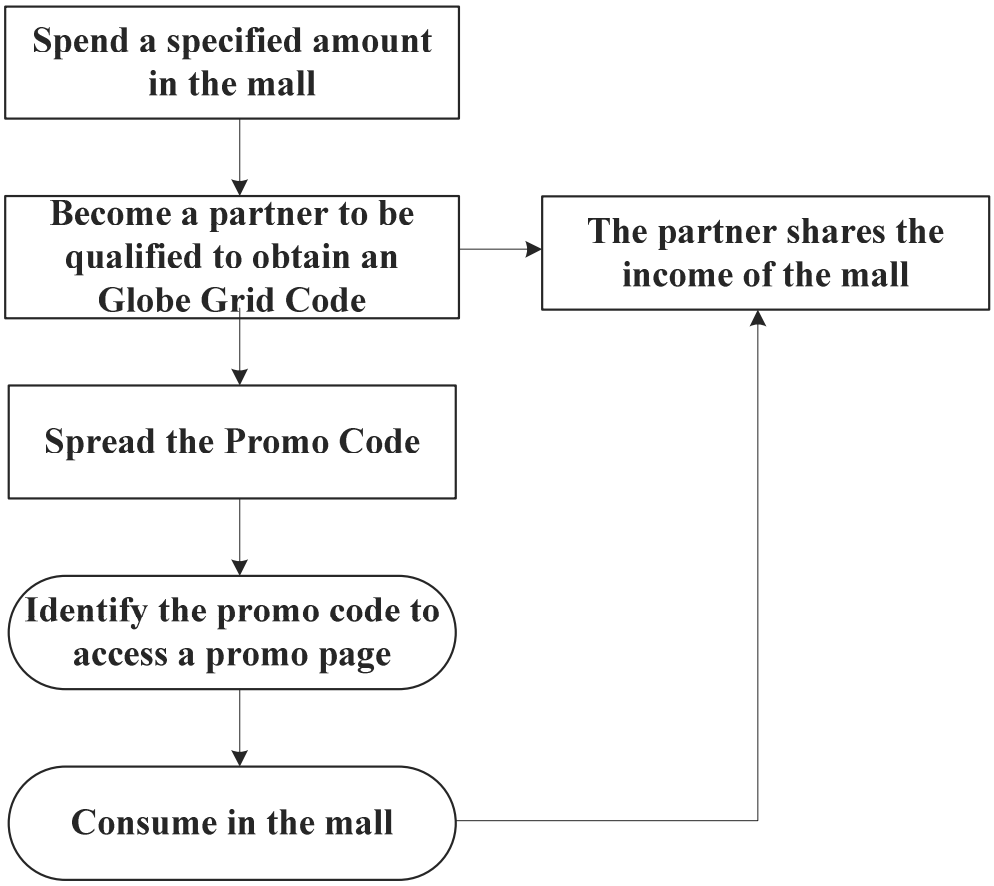

Spend a specified amount in the mall
Become a partner to be qualified to obtain an Globe Grid Code
The partner shares the income of the mall
Spread the Promo Code
Identify the promo code to access a promo page
Consume in the mall

Fig. 3

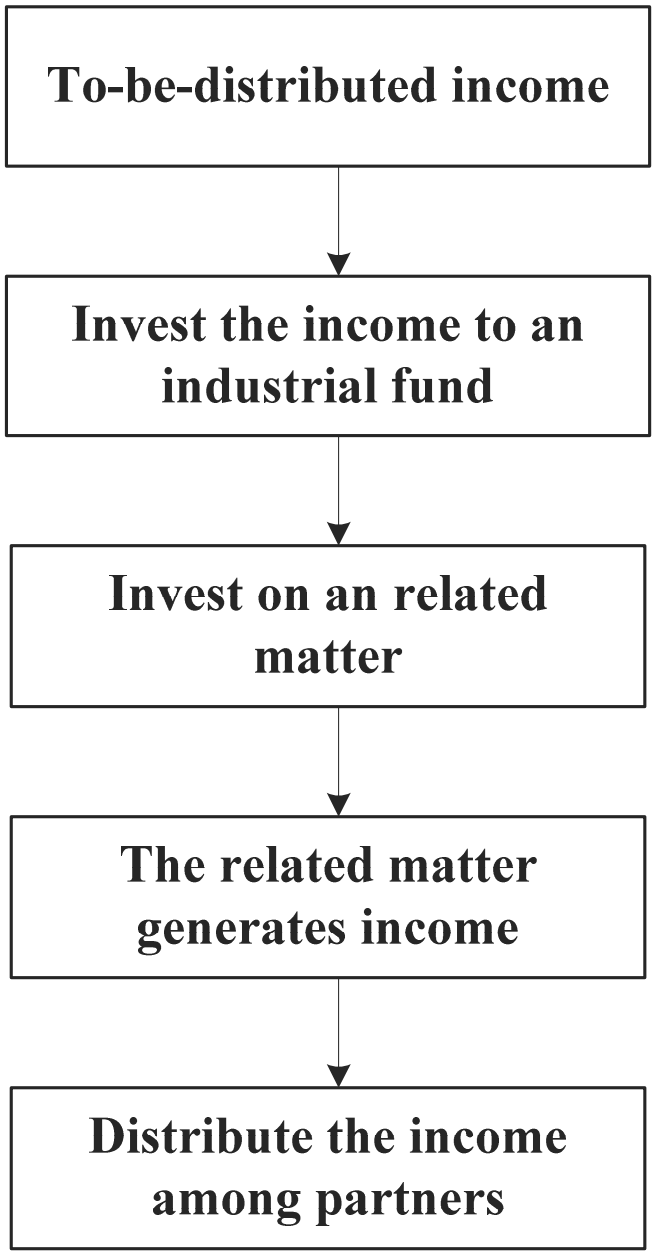

To-be-distributed income
Invest the income to an industrial fund
Invest on an related matter
The related matter generates income
Distribute the income among partners

Fig. 4

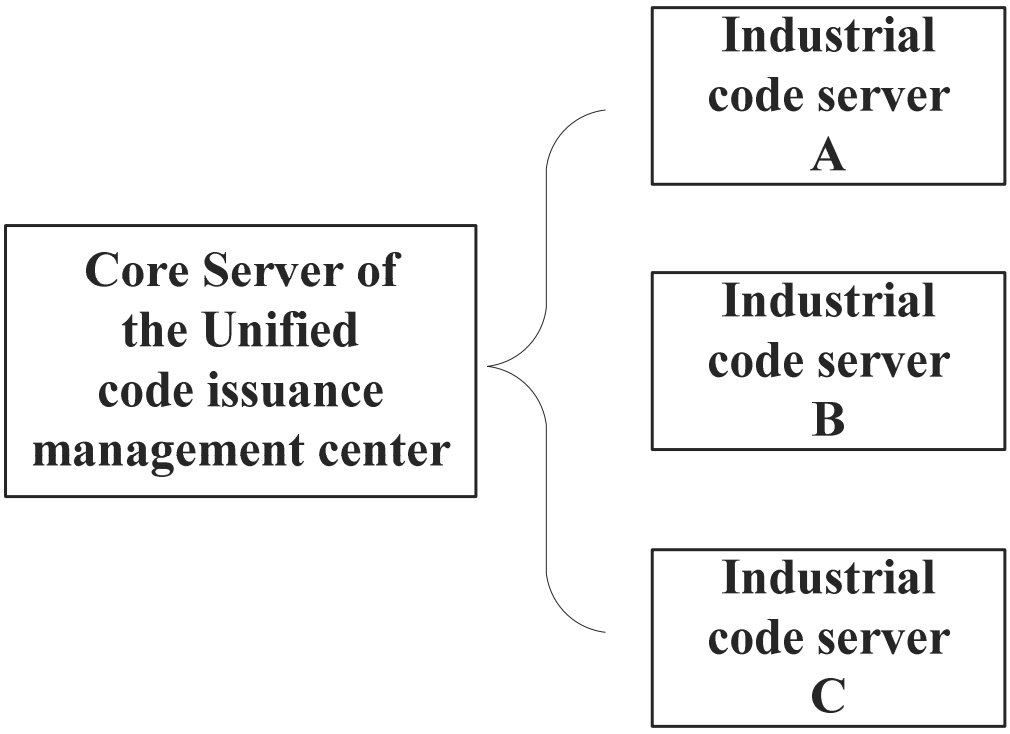

Core Server of the Unified code issuance management center
Industrial code server A
Industrial code server B
Industrial code server C

Fig. 5

CodeChain Digital Assets Exchange
Industrial code server A
Industrial code server B
Industrial code server C
Globe-Grid Code A <—> SGR
SGR <—> Currency
Globe-Grid Code A <—> Real Object A
SGR <—> Currency
Globe-Grid C <—> Real Object C
SGR <—> Currency
Globe-Grid Code C <—> SGR
SGR <—> Currency

Fig. 6

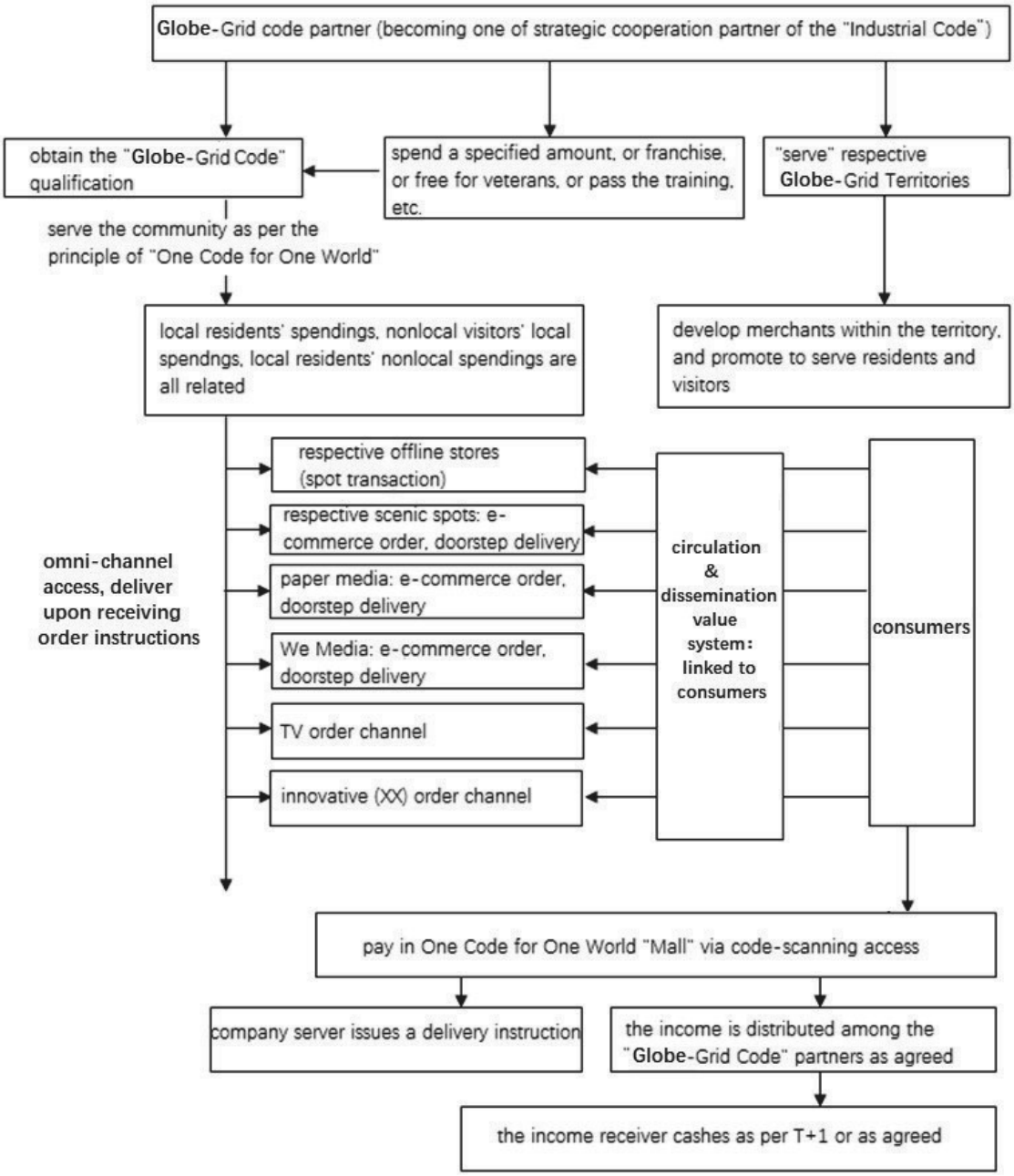

Globe-Grid code partner (becoming one of strategic cooperation partner of the "Industrial Code")
obtain the "Globe-Grid Code" qualification
spend a specified amount, or franchise, or free for veterans, or pass the training, etc.
"serve" respective Globe-Grid Territories
serve the community as per the principle of "One Code for One World"
local residents' spendings, nonlocal visitors' local spendngs, local residents' nonlocal spendings are all related
develop merchants within the territory, and promote to serve residents and visitors
omni-channel access, deliver upon receiving order instructions
respective offline stores (spot transaction)
respective scenic spots: e-commerce order, doorstep delivery
paper media: e-commerce order, doorstep delivery
We Media: e-commerce order, doorstep delivery
TV order channel
innovative (XX) order channel
circulation & dissemination value system: linked to consumers
consumers
pay in One Code for One World "Mall" via code-scanning access
company server issues a delivery instruction
the income is distributed among the "Globe-Grid Code" partners as agreed
the income receiver cashes as per T+1 or as agreed

Fig. 7

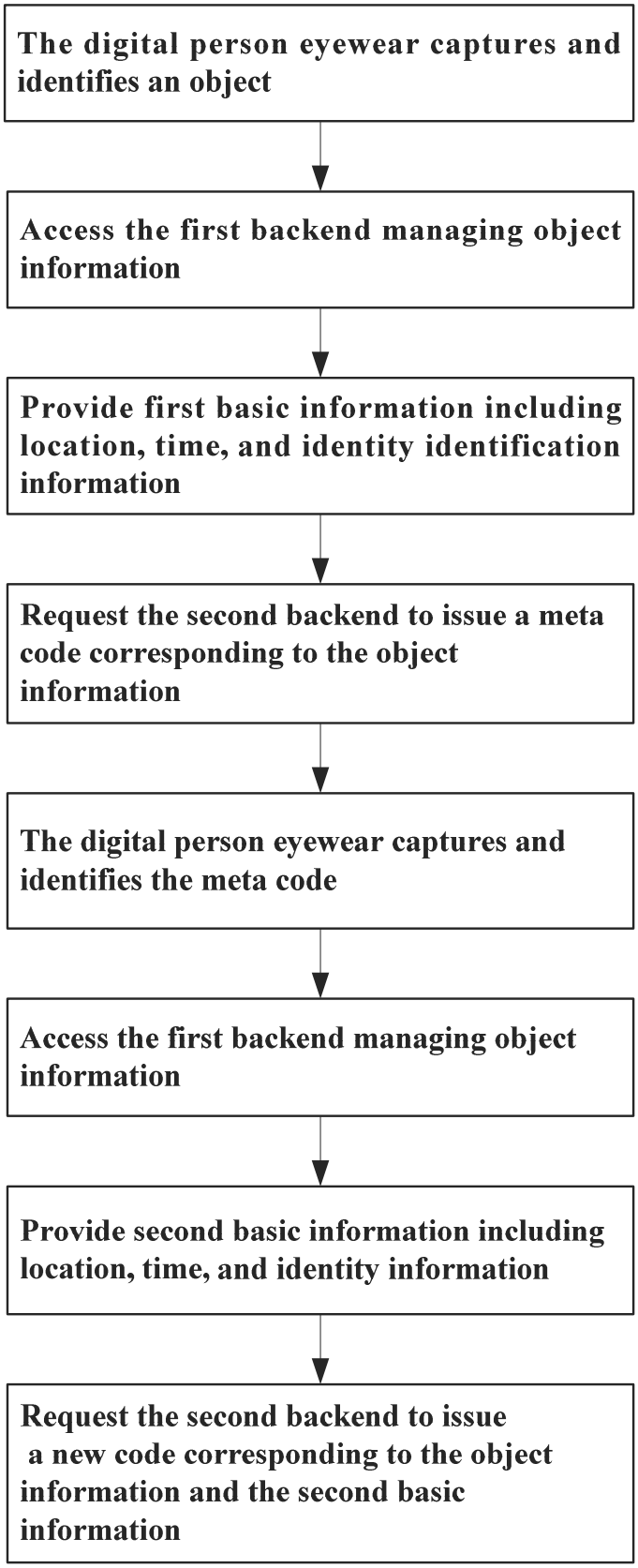

The digital person eyewear captures and identifies an object
Access the first backend managing object information
Provide first basic information including location, time, and identity identification information
Request the second backend to issue a meta code corresponding to the object information
The digital person eyewear captures and identifies the meta code
Access the first backend managing object information
Provide second basic information including location, time, and identity information
Request the second backend to issue a new code corresponding to the object information and the second basic information

Fig. 8

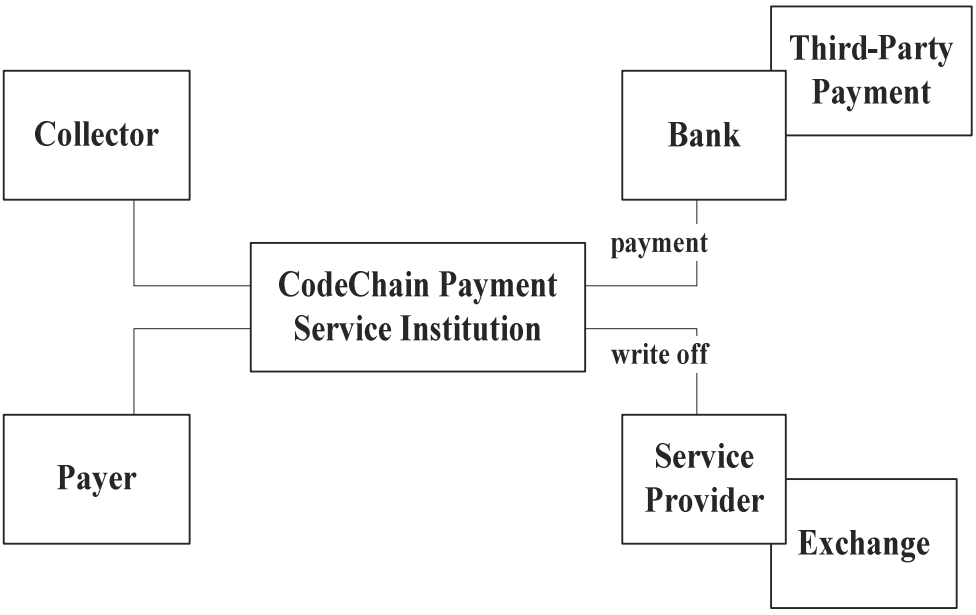

Collector
Third-Party Payment
Bank
payment
CodeChain Payment Service Institution
write off
Payer
Service Provider
Exchange

Fig. 9

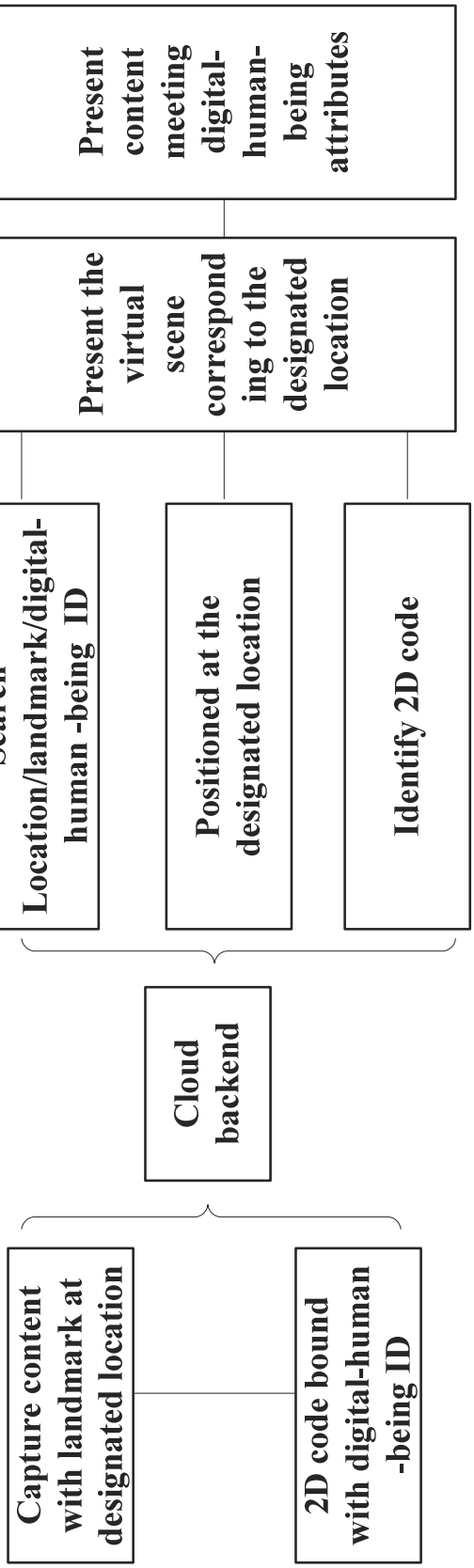

Capture content with landmark at designated location
2D code bound with digital-human -being ID
Cloud backend
Search Location/landmark/digital-human -being ID
Positioned at the designated location
Identify 2D code
Present the virtual scene correspond ing to the designated location
Present content meeting digital-human-being attributes

Fig. 10

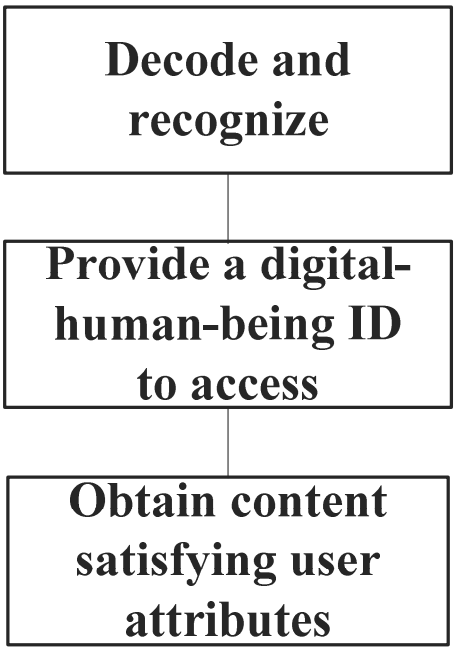

Decode and recognize
Provide a digital-human-being ID to access
Obtain content satisfying user attributes

Fig.11

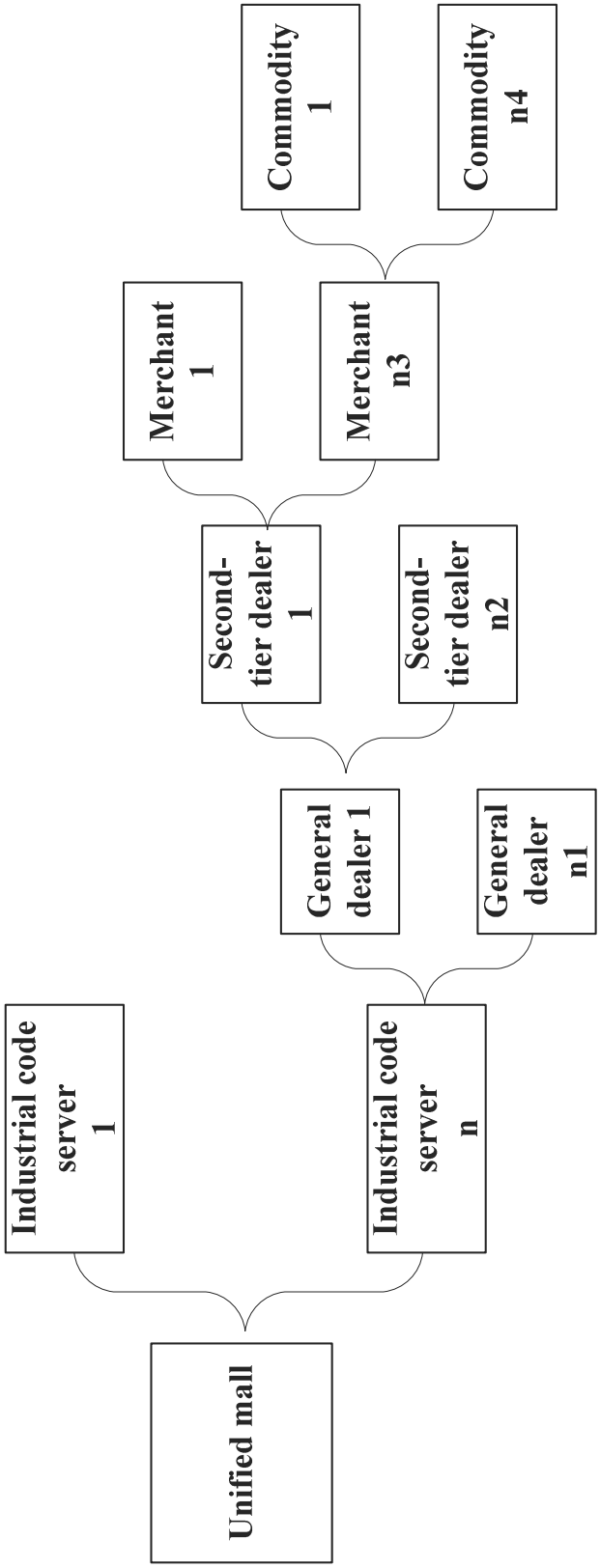

Unified mall
Industrial code server 1
Industrial code server n
General dealer 1
General dealer n1
Second-tier dealer 1
Second-tier dealer n2
Merchant 1
Merchant n3
Commodity 1
Commodity n4

Fig. 12

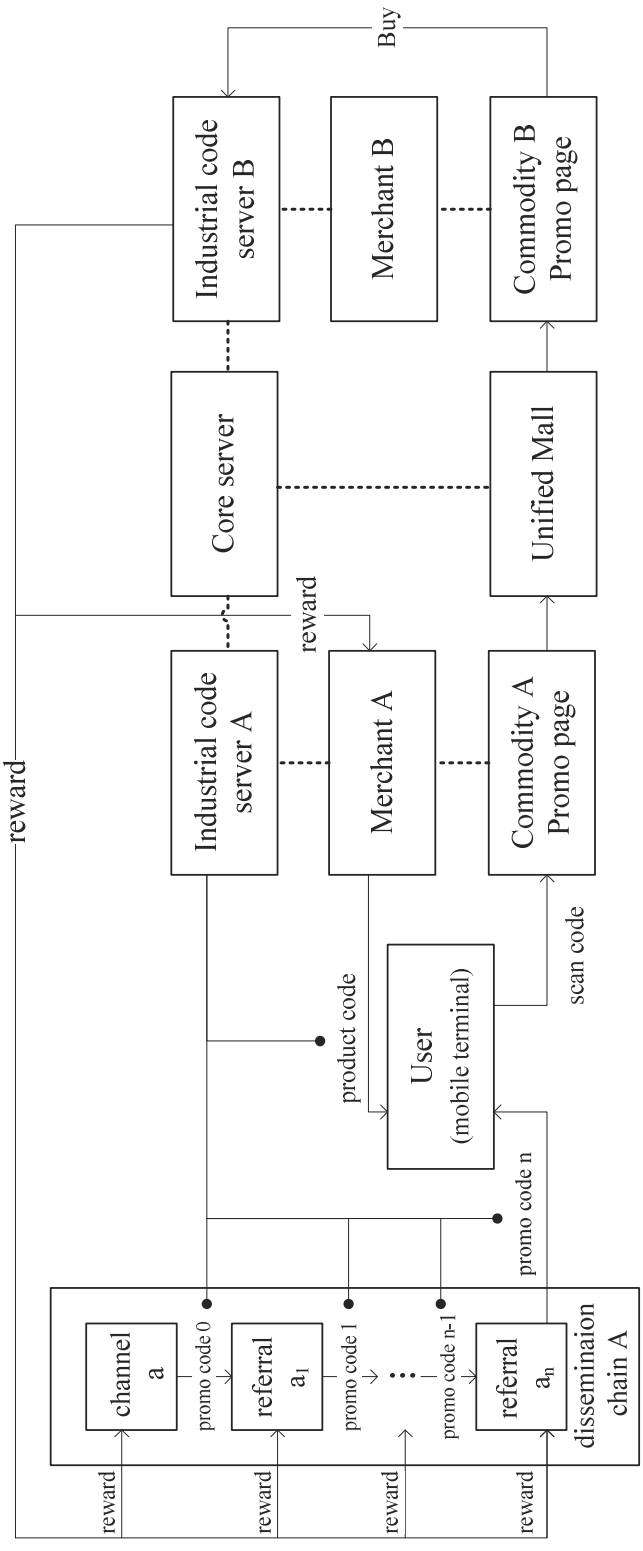

Buy
Industrial code server B
Merchant B
Commodity B Promo page
Core server
Unified Mall
reward
Industrial code server A
Merchant A
Commodity A Promo page
reward
product code
User (mobile terminal)
scan code
promo code n
channel a
promo code 0
referral a_1
promo code 1
promo code n-1
referral a_n
disseminaion chain A
reward
reward
reward
reward

Fig. 13a

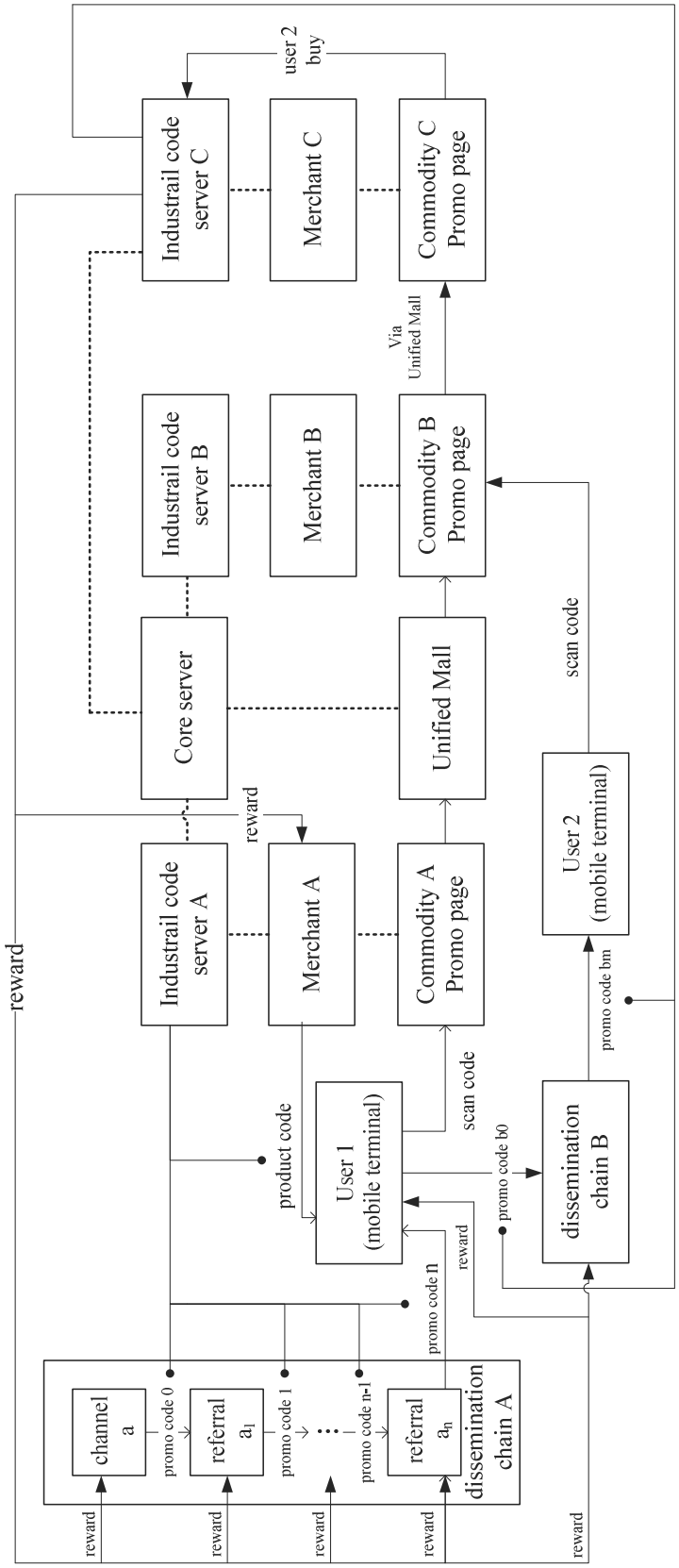

user 2
buy
Industrail code server C
Merchant C
Commodity C Promo page
Via Unified Mall
Industrail code server B
Merchant B
Commodity B Promo page
Core server
Unified Mall
scan code
reward
Industrail code server A
Merchant A
Commodity A Promo page
User 2 (mobile terminal)
reward
product code
User 1 (mobile terminal)
scan code
promo code b0
promo code bm
dissemination chain B
promo code n
reward
channel a
promo code 0
referral a_1
promo code 1
promo code n-1
referral a_n
dissemination chain A
reward
reward
reward
reward
reward

Fig. 13b

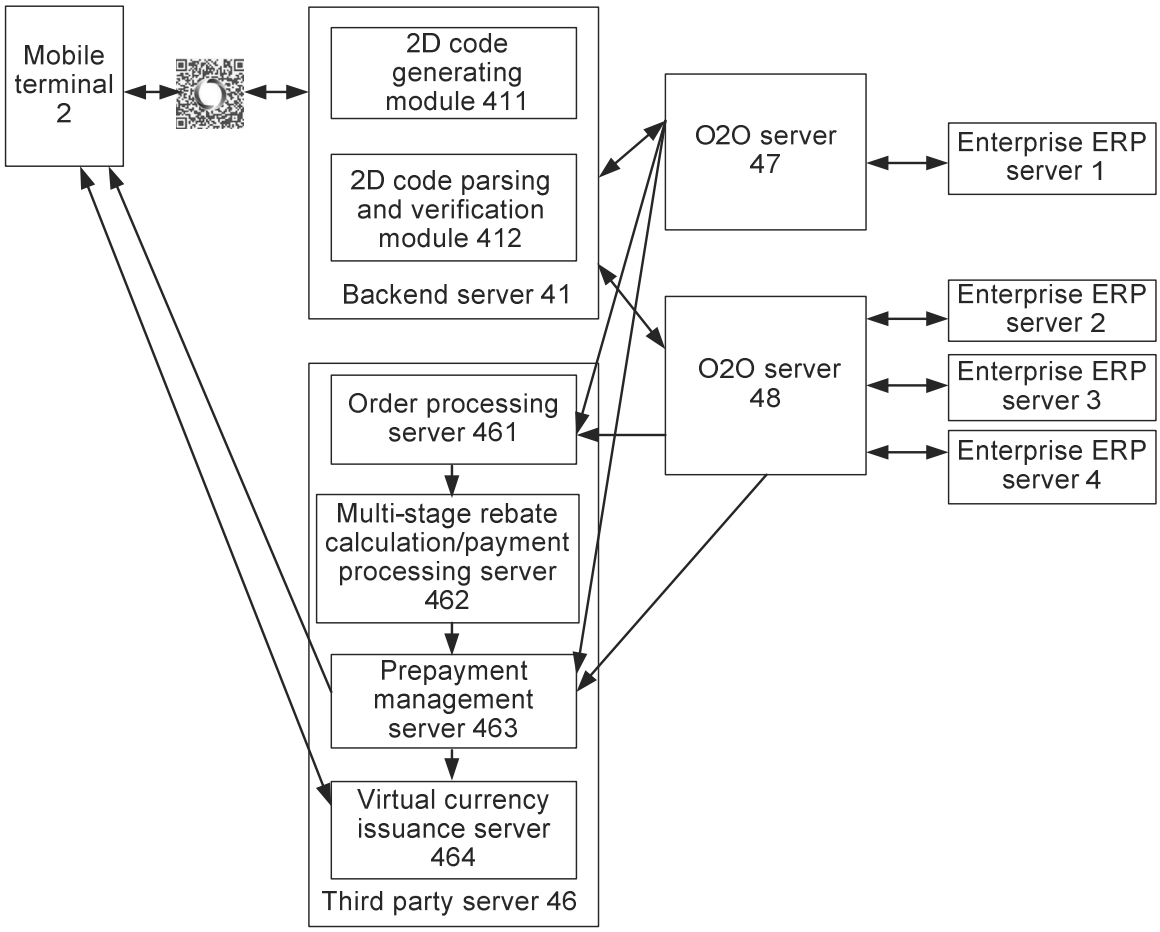

Mobile terminal 2
2D code generating module 411
2D code parsing and verification module 412
Backend server 41
O2O server 47
Enterprise ERP server 1
O2O server 48
Enterprise ERP server 2
Enterprise ERP server 3
Enterprise ERP server 4
Order processing server 461
Multi-stage rebate calculation/payment processing server 462
Prepayment management server 463
Virtual currency issuance server 464
Third party server 46

Fig. 14

Blockchain (affiliate chain quota management)
enterprise's banking gateway
Unified mall access
Unified payment collection/ separate payment collection
opera tional system
indus trial code 1
Wechat universal APP/ Code-scanning APP
opera tional system
indus trial code 2
Wechat universal APP/ Code-scanning APP
opera tional system
indus trial code 3
Wechat universal APP/ Code-scanning APP
Core Server Quota Management
opera tional system 1
opera tional system 2
opera tional system 3

Fig. 15

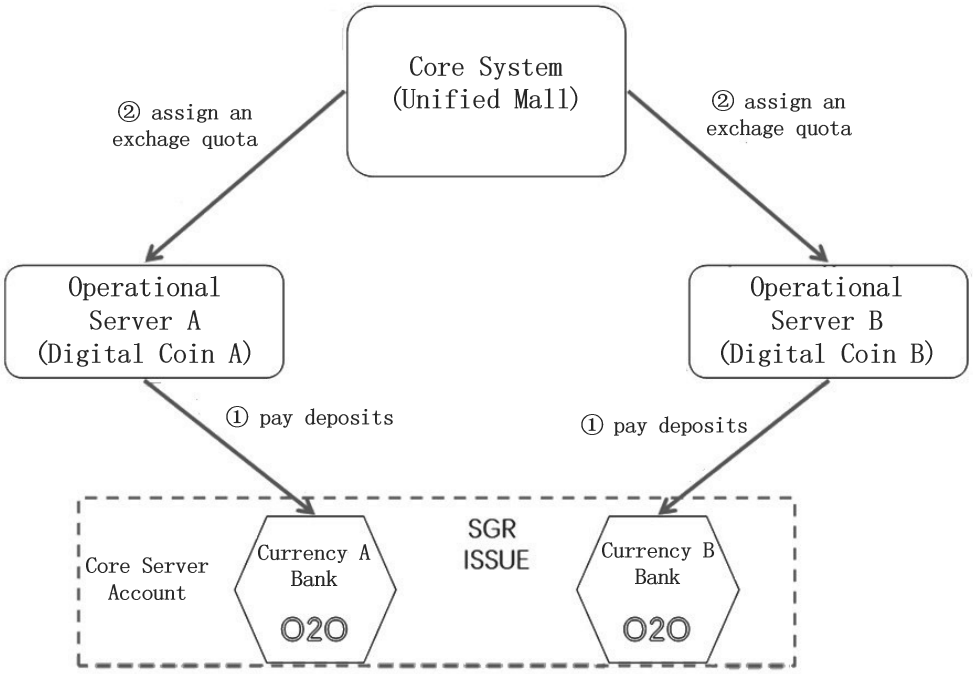

Core System
(Unified Mall)
② assign an exchage quota
② assign an exchage quota
Operational Server A (Digital Coin A)
Operational Server B (Digital Coin B)
① pay deposits
① pay deposits
Core Server Account
Currency A Bank
O2O
SGR ISSUE
Currency B Bank
O2O

Fig. 16

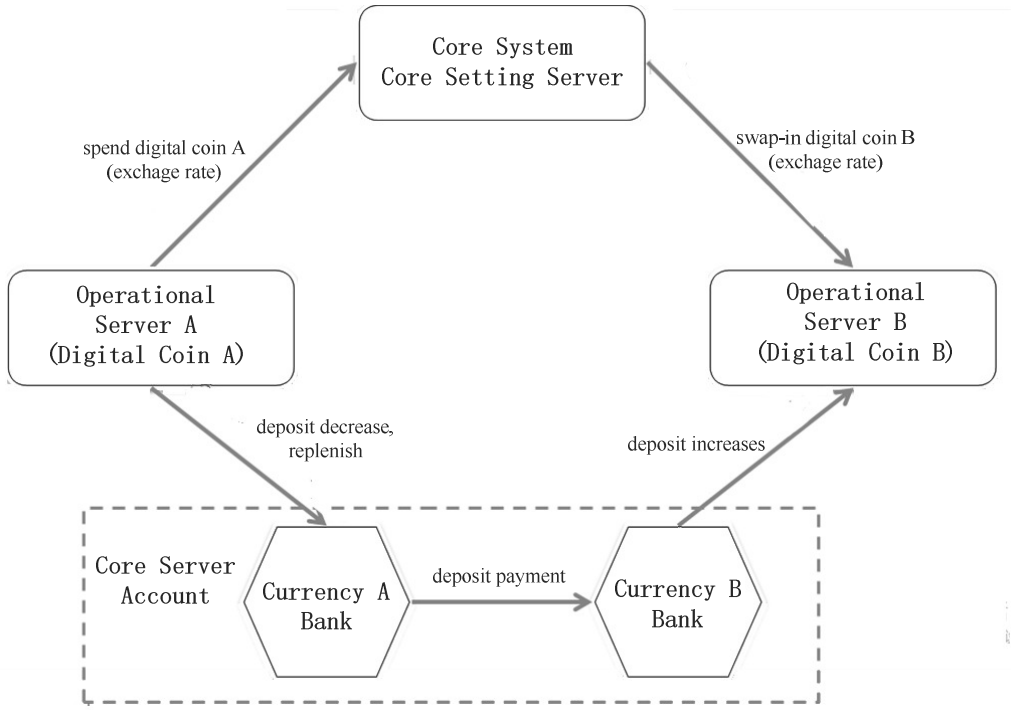

Core System
Core Setting Server
spend digital coin A (exchage rate)
swap-in digital coin B (exchage rate)
Operational Server A (Digital Coin A)
Operational Server B (Digital Coin B)
deposit decrease, replenish
deposit increases
Core Server Account
Currency A Bank
deposit payment
Currency B Bank

Fig. 17