FIG. 1

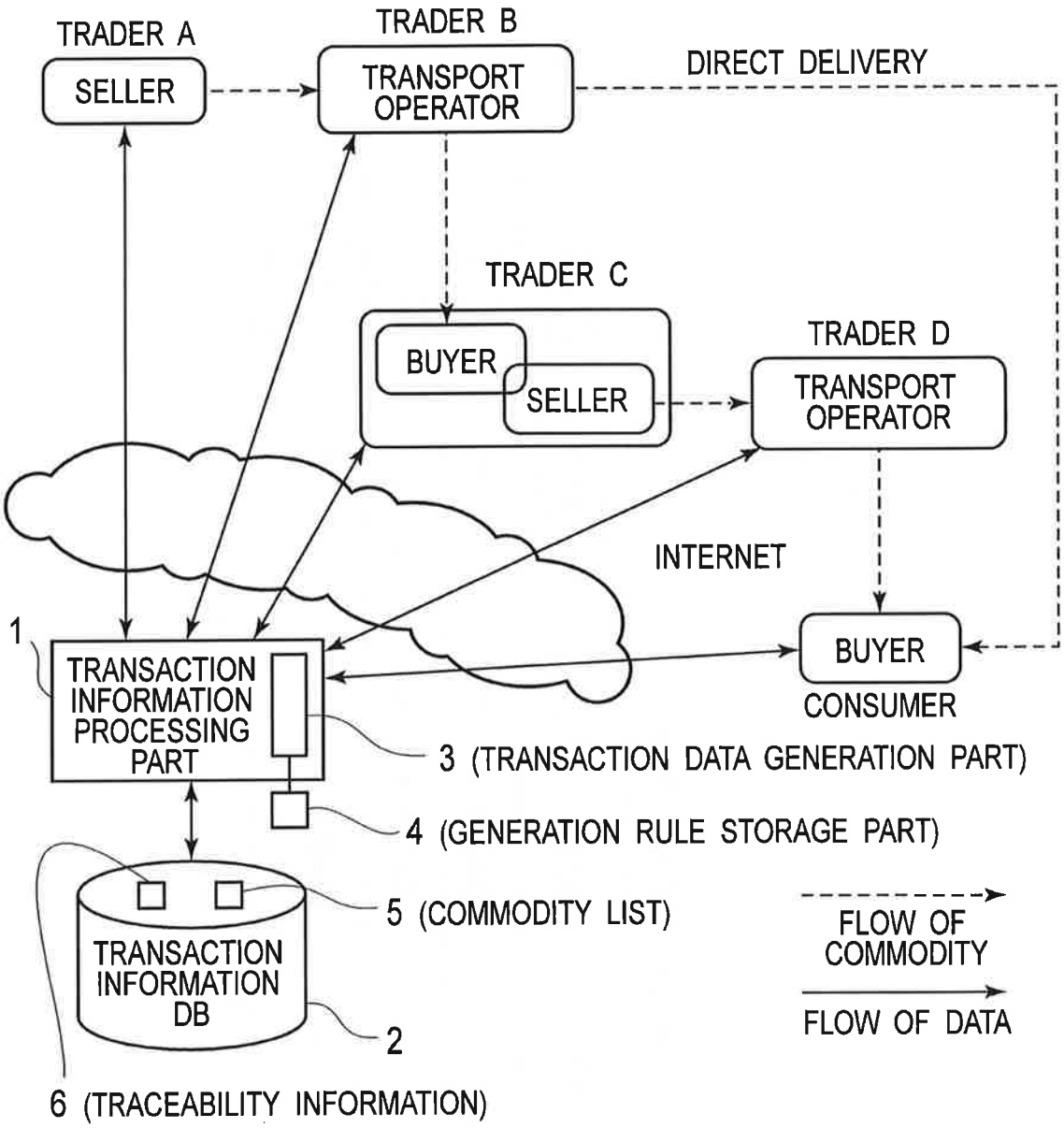

TRADER A
SELLER
TRADER B
TRANSPORT OPERATOR
DIRECT DELIVERY
TRADER C
BUYER
SELLER
TRADER D
TRANSPORT OPERATOR
INTERNET
1
TRANSACTION INFORMATION PROCESSING PART
BUYER
CONSUMER
3 (TRANSACTION DATA GENERATION PART)
4 (GENERATION RULE STORAGE PART)
5 (COMMODITY LIST)
TRANSACTION INFORMATION DB
2
6 (TRACEABILITY INFORMATION)
FLOW OF COMMODITY
FLOW OF DATA

FIG. 2

COMMODITY LIST OF TRADER C

COMMODITY IDENTIFIER	SUPPLIER	SELLING PRICE	COMMODITY PRESENTATION INFORMATION	SHIPPING CATEGORY	STOCK	DELIVERY TERM
A001	TRADER A	100	A001 info	HEAD OFFICE	10	3 DAYS
A002	TRADER A	300	A002 info	WAREHOUSE M	0	3 DAYS
A003	TRADER A	500	A003 info	DIRECT DELIVERY	—	—
A004	TRADER A	1000	A004 info	DIRECT DELIVERY	—	—

FIG. 3


TRACEABILITY INFORMATION
INDIVIDUAL COMMODITY IDENTIFIER
TRADER 1
TRADER 2
TRADER 3
TRADER 4

FIG. 4

TRADER IDENTIFIER
BUSINESS-BASE IDENTIFIER
ADDRESS
NAME
CONTACT ADDRESS
TRADER PROFILE
AUTHENTICATION KEY
COMMODITY LIST
TRANSPORT OPERATOR

FIG. 5

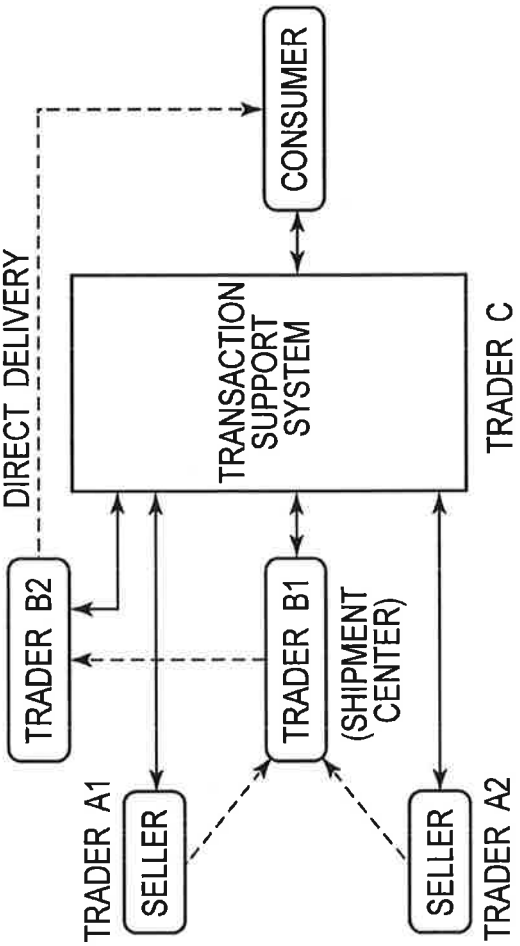


FIG. 6

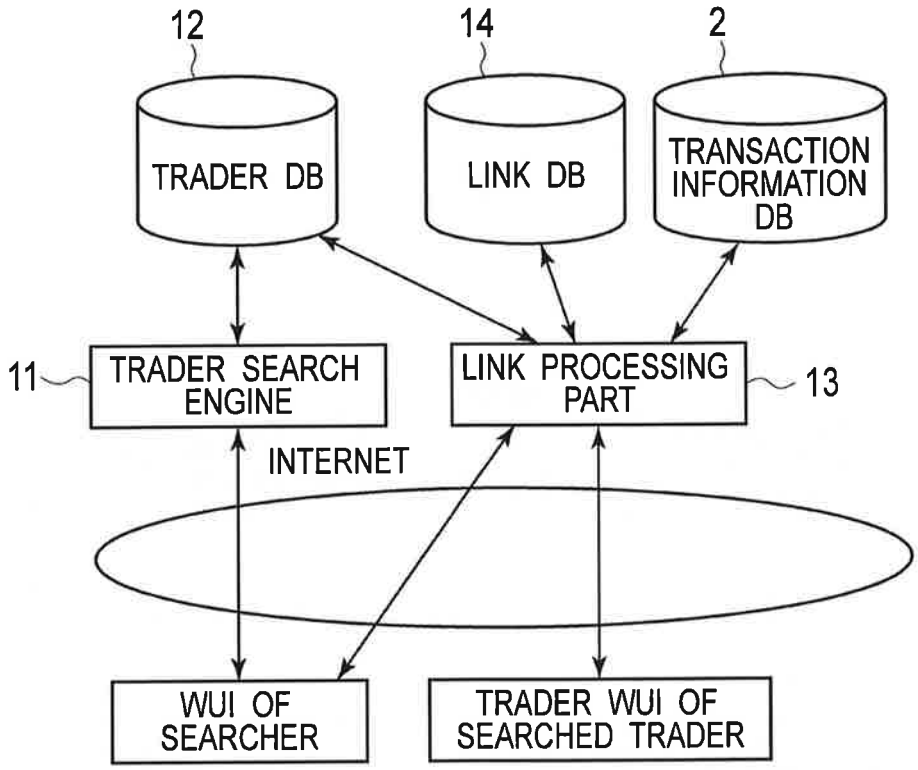

12
14
2
TRADER DB
LINK DB
TRANSACTION INFORMATION DB
11
TRADER SEARCH ENGINE
LINK PROCESSING PART
13
INTERNET
WUI OF SEARCHER
TRADER WUI OF SEARCHED TRADER

FIG. 7

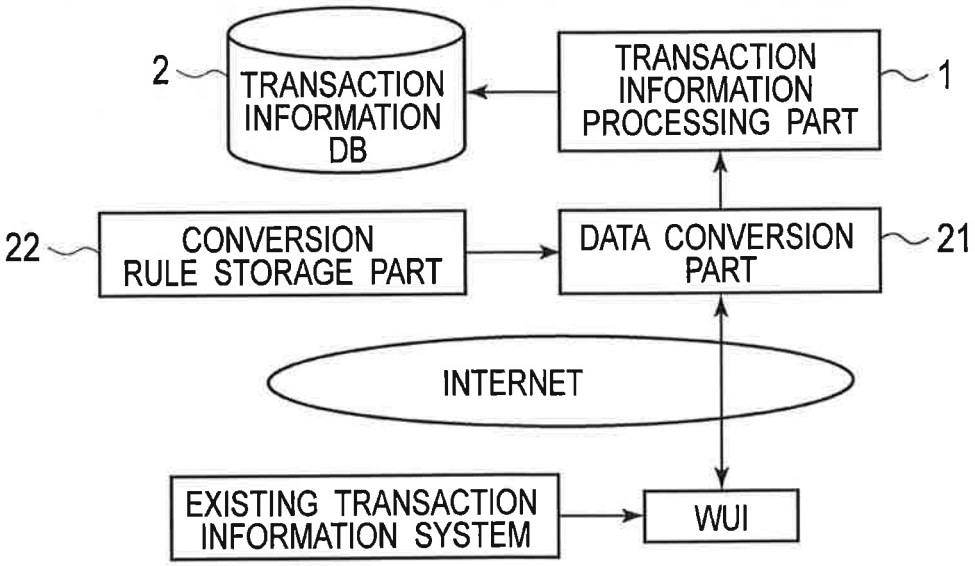
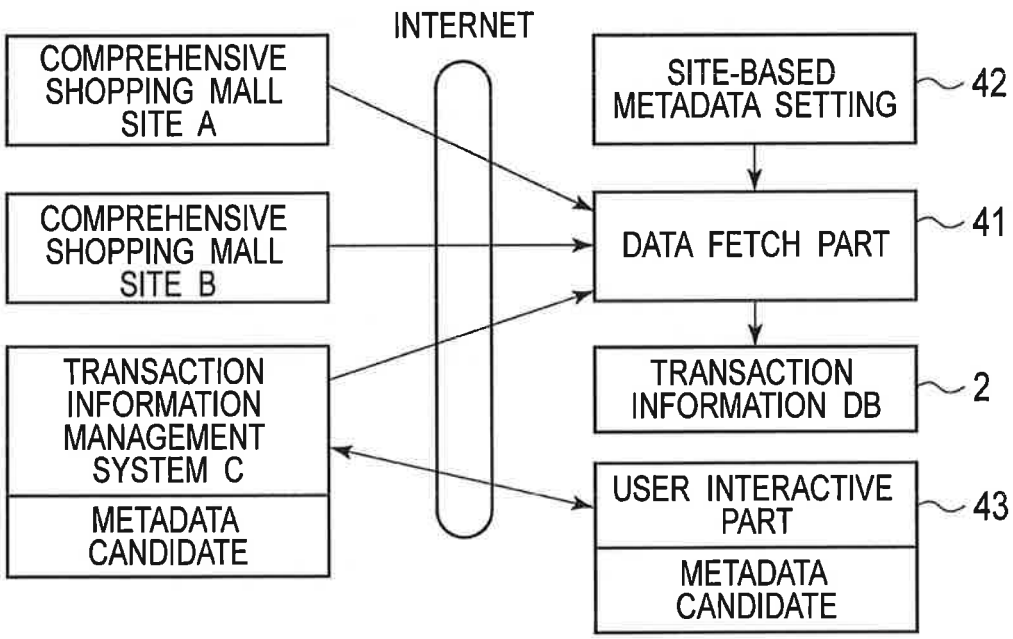

2
TRANSACTION INFORMATION DB
TRANSACTION INFORMATION PROCESSING PART
1
22
CONVERSION RULE STORAGE PART
DATA CONVERSION PART
21
INTERNET
EXISTING TRANSACTION INFORMATION SYSTEM
WUI

FIG. 8


INTERNET
COMPREHENSIVE SHOPPING MALL SITE A
COMPREHENSIVE SHOPPING MALL SITE B
TRANSACTION INFORMATION MANAGEMENT SYSTEM C
METADATA CANDIDATE
SITE-BASED METADATA SETTING
42
DATA FETCH PART
41
TRANSACTION INFORMATION DB
2
USER INTERACTIVE PART
43
METADATA CANDIDATE