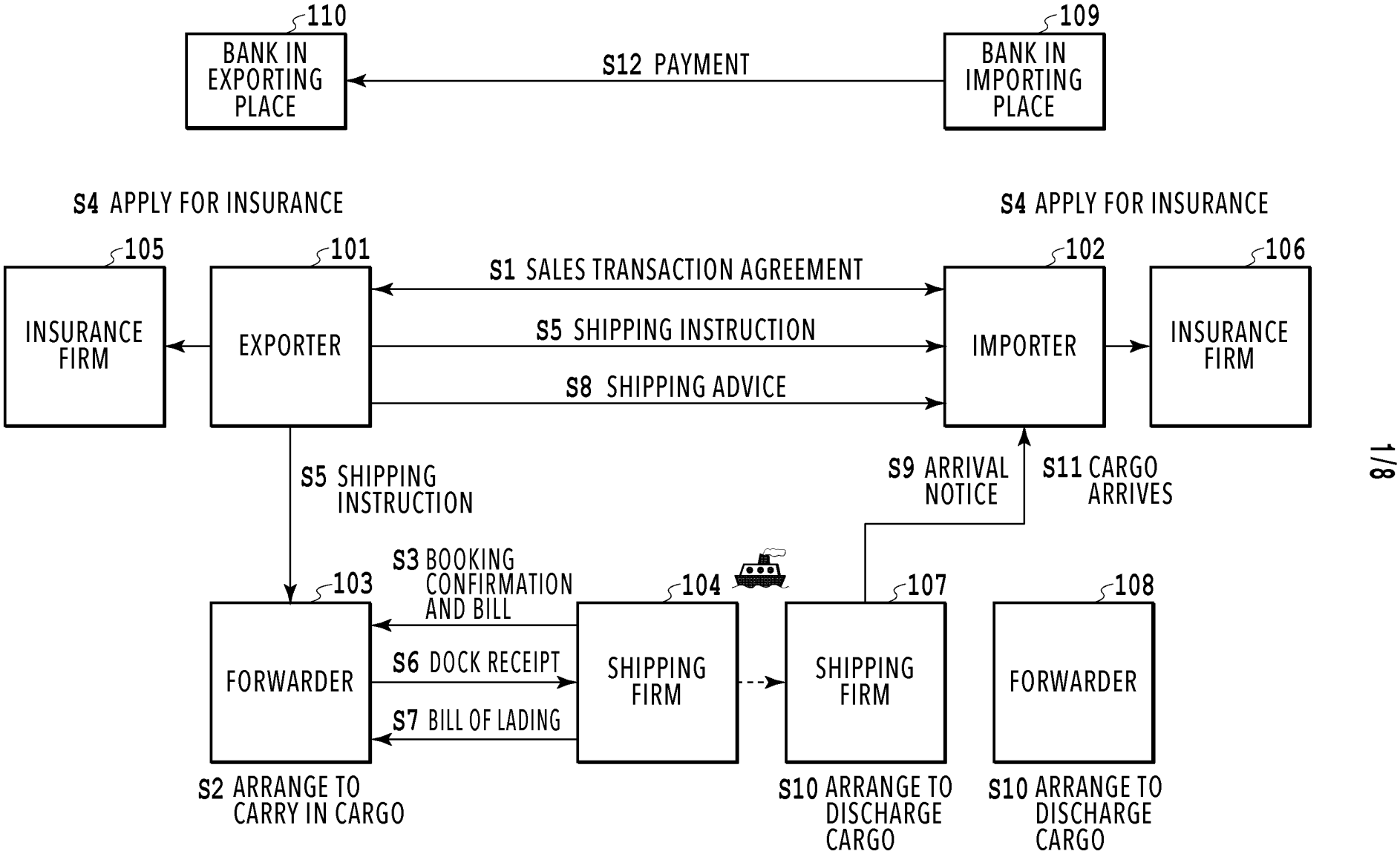

110
BANK IN EXPORTING PLACE
S12 PAYMENT
109
BANK IN IMPORTING PLACE
S4 APPLY FOR INSURANCE
S4 APPLY FOR INSURANCE
105
INSURANCE FIRM
101
EXPORTER
S1 SALES TRANSACTION AGREEMENT
S5 SHIPPING INSTRUCTION
S8 SHIPPING ADVICE
102
IMPORTER
106
INSURANCE FIRM
S5 SHIPPING INSTRUCTION
S9 ARRIVAL NOTICE
S11 CARGO ARRIVES
S3 BOOKING CONFIRMATION AND BILL
103
FORWARDER
S6 DOCK RECEIPT
S7 BILL OF LADING
104
SHIPPING FIRM
107
SHIPPING FIRM
108
FORWARDER
S2 ARRANGE TO CARRY IN CARGO
S10 ARRANGE TO DISCHARGE CARGO
S10 ARRANGE TO DISCHARGE CARGO

FIG.1

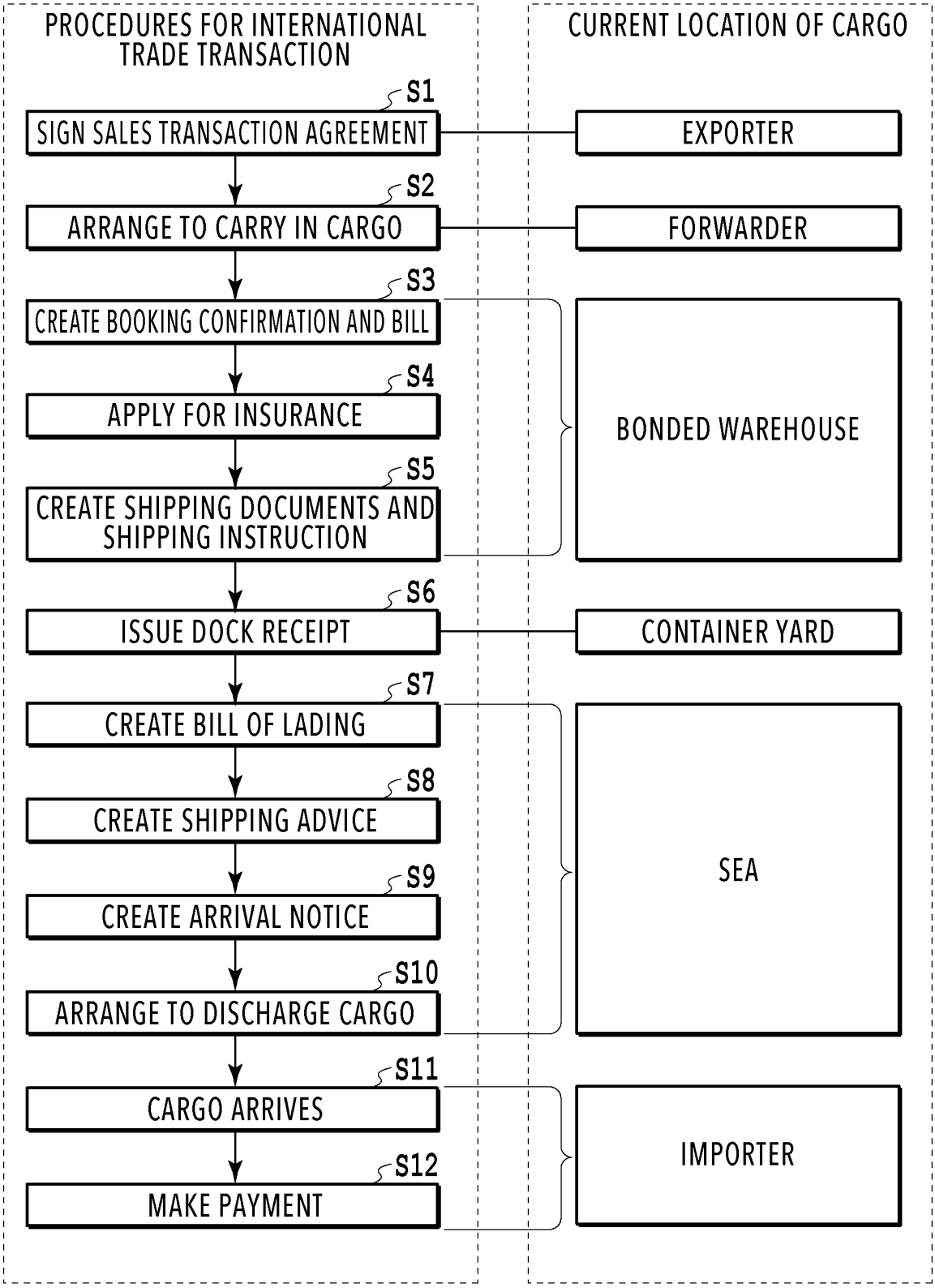

PROCEDURES FOR INTERNATIONAL TRADE TRANSACTION
CURRENT LOCATION OF CARGO
S1
SIGN SALES TRANSACTION AGREEMENT
EXPORTER
S2
ARRANGE TO CARRY IN CARGO
FORWARDER
S3
CREATE BOOKING CONFIRMATION AND BILL
S4
APPLY FOR INSURANCE
S5
CREATE SHIPPING DOCUMENTS AND SHIPPING INSTRUCTION
BONDED WAREHOUSE
S6
ISSUE DOCK RECEIPT
CONTAINER YARD
S7
CREATE BILL OF LADING
S8
CREATE SHIPPING ADVICE
S9
CREATE ARRIVAL NOTICE
S10
ARRANGE TO DISCHARGE CARGO
SEA
S11
CARGO ARRIVES
S12
MAKE PAYMENT
IMPORTER

FIG.2

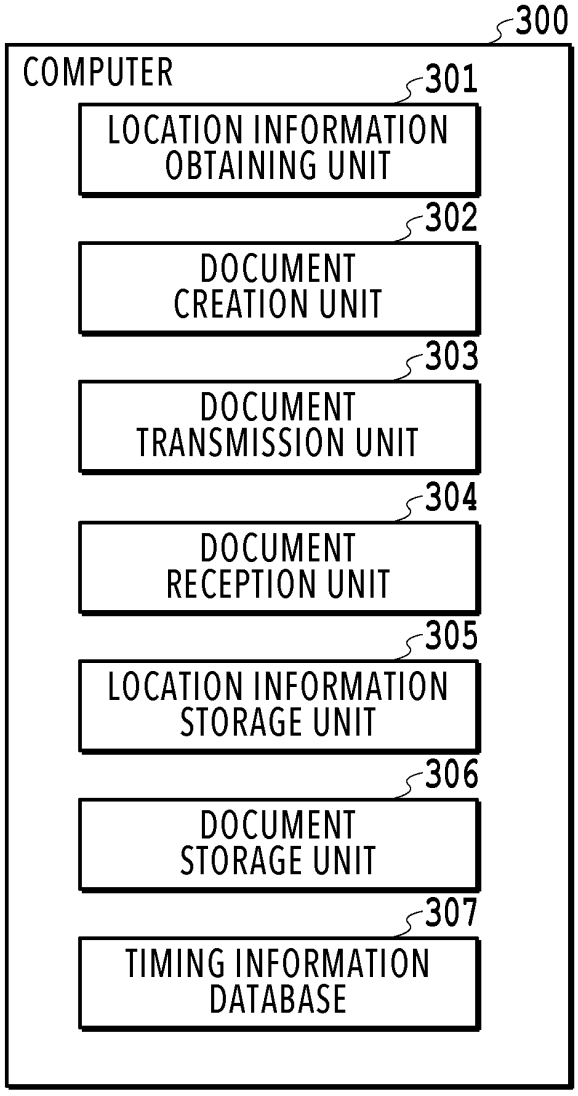

300
COMPUTER
301
LOCATION INFORMATION OBTAINING UNIT
302
DOCUMENT CREATION UNIT
303
DOCUMENT TRANSMISSION UNIT
304
DOCUMENT RECEPTION UNIT
305
LOCATION INFORMATION STORAGE UNIT
306
DOCUMENT STORAGE UNIT
307
TIMING INFORMATION DATABASE

FIG.3

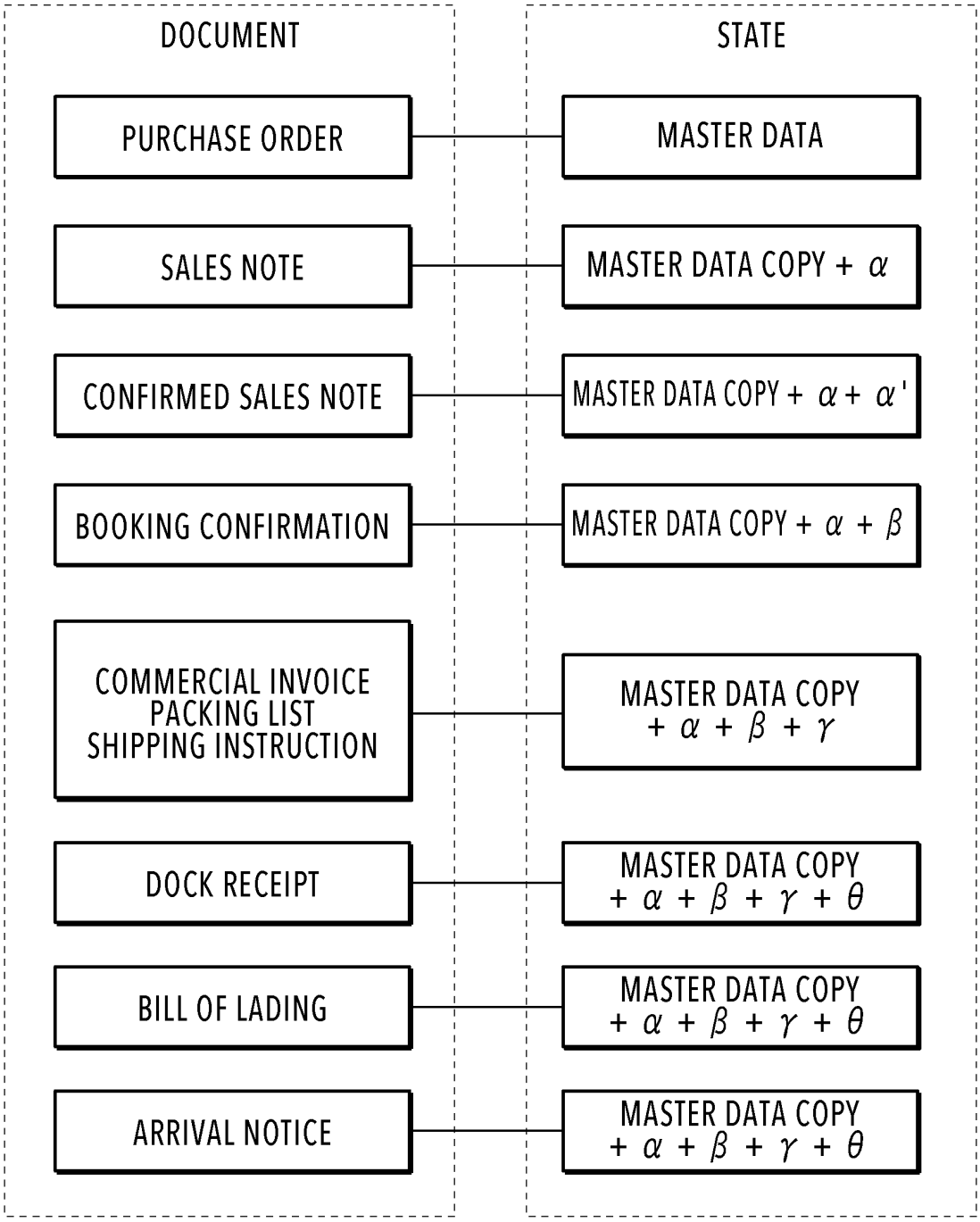

DOCUMENT
STATE
PURCHASE ORDER
MASTER DATA
SALES NOTE
MASTER DATA COPY + α
CONFIRMED SALES NOTE
MASTER DATA COPY + α + α'
BOOKING CONFIRMATION
MASTER DATA COPY + α + β
COMMERCIAL INVOICE
PACKING LIST
SHIPPING INSTRUCTION
MASTER DATA COPY
+ α + β + γ
DOCK RECEIPT
MASTER DATA COPY
+ α + β + γ + θ
BILL OF LADING
MASTER DATA COPY
+ α + β + γ + θ
ARRIVAL NOTICE
MASTER DATA COPY
+ α + β + γ + θ

FIG.4

TIMING INFORMATION DATABASE 307

| INTERNATIONAL TRADE TRANSACTION IDENTIFIER | DOCUMENT | PROCESS TO BE EXECUTED | CREATING PARTY | TRANSMISSION DESTINATION | CONDITIONS | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | CURRENT LOCATION OF CARGO | NECESSARY DOCUMENT (CREATED) | NECESSARY DOCUMENT (CONFIRMED) | ... |
| 123456789 | PURCHASE ORDER | – | – | – | – | – | – | – |
| | ... | ... | ... | ... | ... | ... | ... | ... |
| | BILL OF LADING | CREATION AND TRANSMISSION OF BILL OF LADING | SHIPPING FIRM | FORWARDER | ××× | DOCK RECEIPT | ... | – |
| | ... | ... | ... | ... | ... | ... | ... | ... |
| 987654321 | PURCHASE ORDER | – | – | – | – | – | – | – |
| | ... | ... | ... | ... | ... | ... | ... | ... |
| | BILL OF LADING | CREATION AND TRANSMISSION OF BILL OF LADING | SHIPPING FIRM | FORWARDER | ××× | DOCK RECEIPT | ... | – |
| | ... | ... | ... | ... | ... | ... | ... | ... |

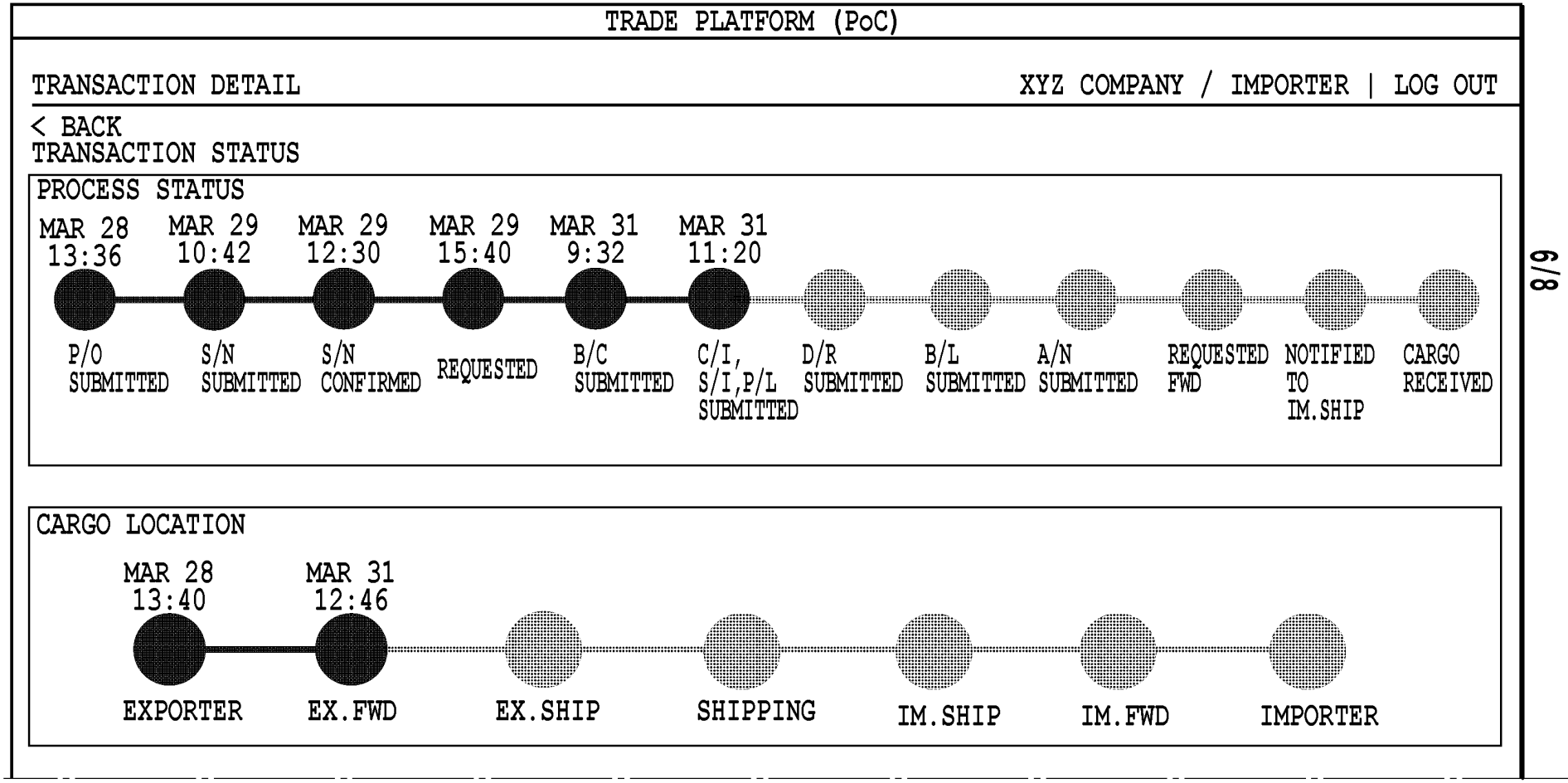


FIG.5

# FIG.6

FIG.6A
FIG.6B
FIG.6C

# FIG.6A



# FIG.6B

TRANSACTION DATA

| | |
|---|---|
| REF NO. | A1234 |

| | |
|---|---|
| IMPORTER | XYZ COMPANY |
| EXPORTER | ABC COMPANY |
| EXPORTING CITY FORWARDER | XXX LOGISTICS |
| EXPORTING CITY SHIPPING FIRM | XXX SHIPS |
| IMPORTING CITY FORWARDER | |
| IMPORTING CITY SHIPPING FIRM | |

| | |
|---|---|
| COMMODITY | AIR COMPRESSOR |
| UNIT PRICE | USD |
| AMOUNT | 10,000 |
| CURRENCY | 200,000 |
| QUANTITY | 20 SET |
| WEIGHT | 5 t |
| DATE CARGO RECEIVED | |

| | |
|---|---|
| PAYMENT | ◉ T/T ○ L/C ○ D/P ○ D/A |
| TERMS OF TRADE | ○ EXW ○ FCA ○ CPT ◉ CIP ○ DAT ○ DAP ○ DDP |
| TERMS OF INSURANCE | ○ ICC(A) ○ ICC(B) ◉ ICC(C) |

| | |
|---|---|
| CONTAINER NO. | 123456 |
| PLACE OF DELIVERY | YOKOHAMA |
| NUMBER OF CONTAINERS | 1 |
| PACKING METHOD | ON WOODEN SKID |

| | |
|---|---|
| WAY OF TRANSPORTATION | BY SEA IN DRY CONTAINER |
| TIME OF SHIPMENT | 04/17/2017 |
| PORT OF SHIPMENT | YOKOHAMA |
| PORT OF DISCHARGE | SHANGHAI |
| PLACE OF RECEIPT | YOKOHAMA |
| EXPECTED TIME OF DEPARTURE | 08/04/2017 |
| EXPECTED TIME OF ARRIVAL | 05/04/2017 |
| EXPECTED VESSEL ARRIVAL DATE | |
| CUT OFF DATE/TIME | 15/04/2017 |
| VESSEL NAME | XXXXX |
| VESSEL NO. | #111 |
| BOOKING NO. | A123456 |
| FREIGHT | 2,500,000 |
| FREIGHT PAYMENT | FREIGHT PREPAID |
| CASE MARK | XXXXX |

| | |
|---|---|
| INVOICE NO. | XXXXX |
| UNKNOWN CLAUSE | |
| B/L NO. | |

P/O RE-CREATE | S/N VIEW | REQUEST RESERVATION | B/C VIEW | C/L,S/I,P/L VIEW | D/R CREATE

B/L CREATE | A/N CREATE | REQUEST FORWARDER | NOTIFY TO SHIPPING FIRM | CARGO RECEIVED

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FIG.6C