FIG. 1

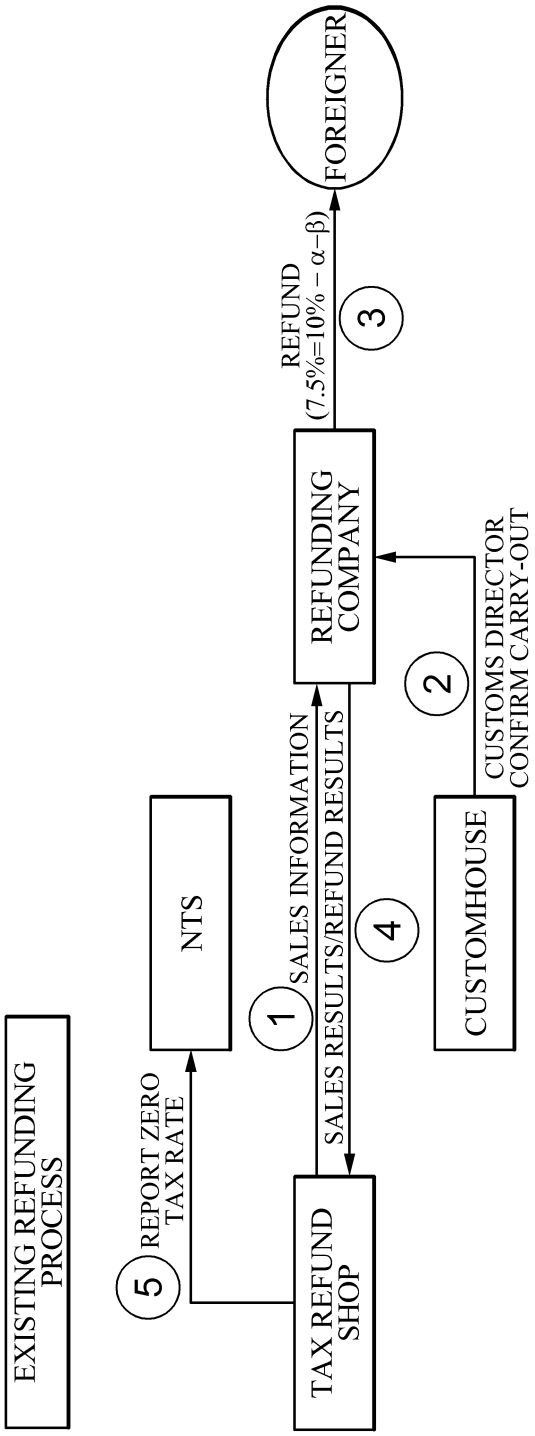

EXISTING REFUNDING PROCESS
NTS
TAX REFUND SHOP
CUSTOMHOUSE
REFUNDING COMPANY
FOREIGNER
1
SALES INFORMATION
SALES RESULTS/REFUND RESULTS
2
CUSTOMS DIRECTOR CONFIRM CARRY-OUT
3
REFUND (7.5%=10% − α−β)
4
5
REPORT ZERO TAX RATE

FIG. 2

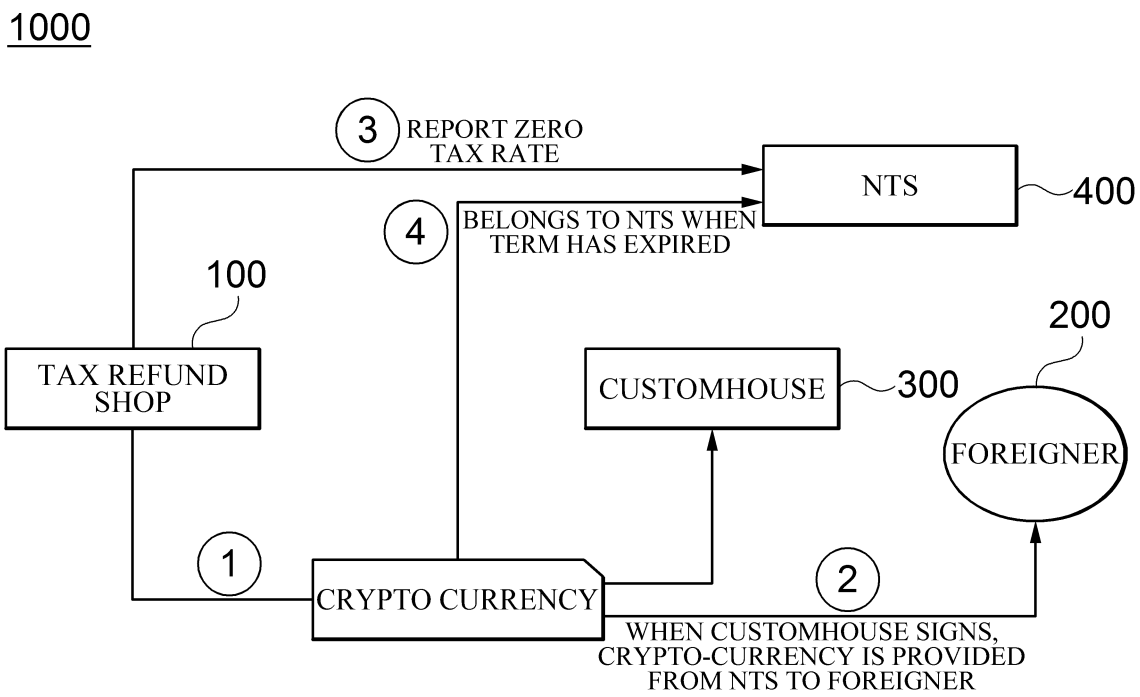

1000
3
REPORT ZERO TAX RATE
NTS
400
4
BELONGS TO NTS WHEN TERM HAS EXPIRED
100
200
TAX REFUND SHOP
CUSTOMHOUSE
300
FOREIGNER
1
CRYPTO CURRENCY
2
WHEN CUSTOMHOUSE SIGNS, CRYPTO-CURRENCY IS PROVIDED FROM NTS TO FOREIGNER

FIG. 3

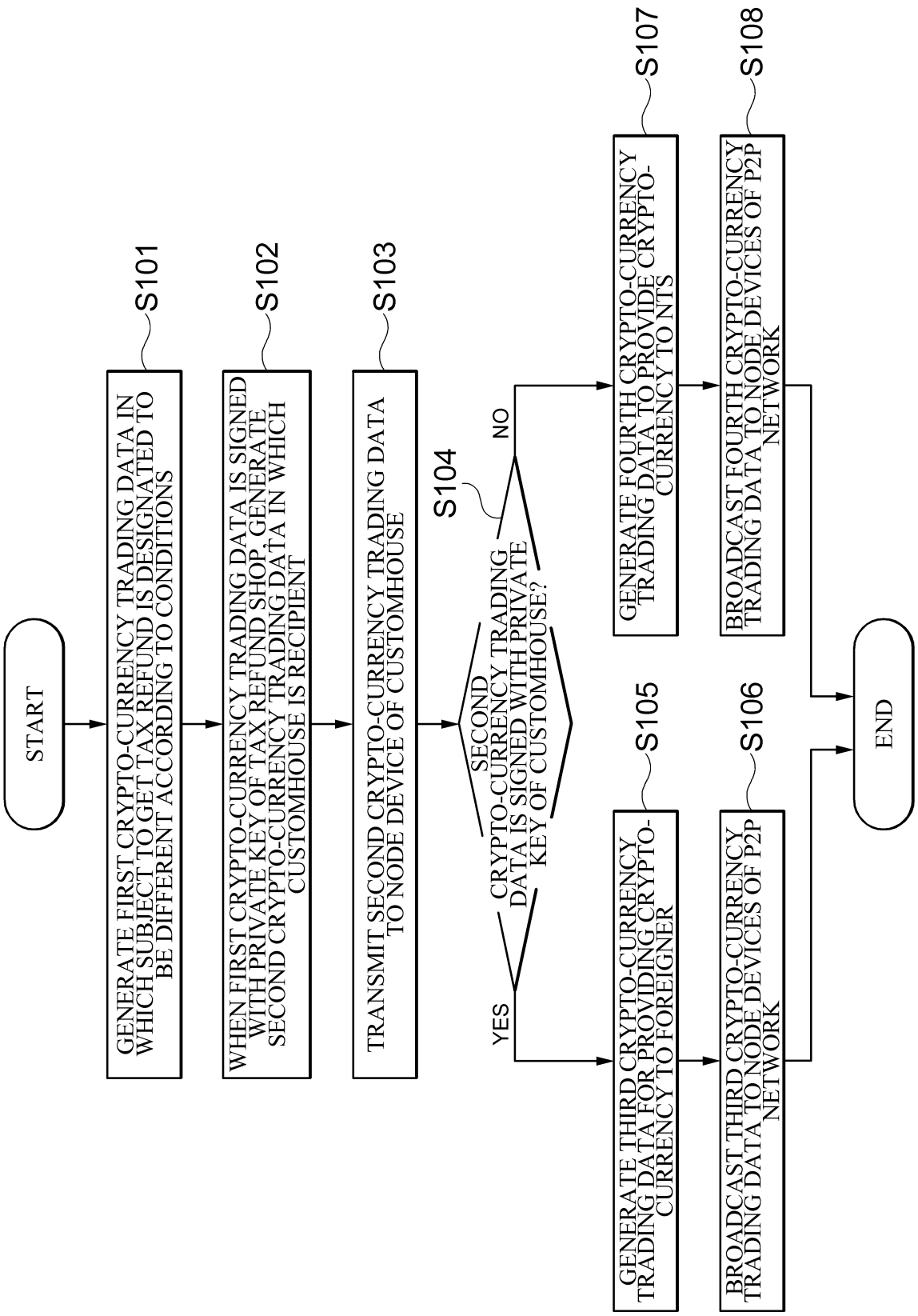

START
GENERATE FIRST CRYPTO-CURRENCY TRADING DATA IN WHICH SUBJECT TO GET TAX REFUND IS DESIGNATED TO BE DIFFERENT ACCORDING TO CONDITIONS
S101
WHEN FIRST CRYPTO-CURRENCY TRADING DATA IS SIGNED WITH PRIVATE KEY OF TAX REFUND SHOP, GENERATE SECOND CRYPTO-CURRENCY TRADING DATA IN WHICH CUSTOMHOUSE IS RECIPIENT
S102
TRANSMIT SECOND CRYPTO-CURRENCY TRADING DATA TO NODE DEVICE OF CUSTOMHOUSE
S103
S104
SECOND CRYPTO-CURRENCY TRADING DATA IS SIGNED WITH PRIVATE KEY OF CUSTOMHOUSE?
YES
NO
GENERATE THIRD CRYPTO-CURRENCY TRADING DATA FOR PROVIDING CRYPTO-CURRENCY TO FOREIGNER
S105
BROADCAST THIRD CRYPTO-CURRENCY TRADING DATA TO NODE DEVICES OF P2P NETWORK
S106
GENERATE FOURTH CRYPTO-CURRENCY TRADING DATA TO PROVIDE CRYPTO-CURRENCY TO NTS
S107
BROADCAST FOURTH CRYPTO-CURRENCY TRADING DATA TO NODE DEVICES OF P2P NETWORK
S108
END

FIG. 4A

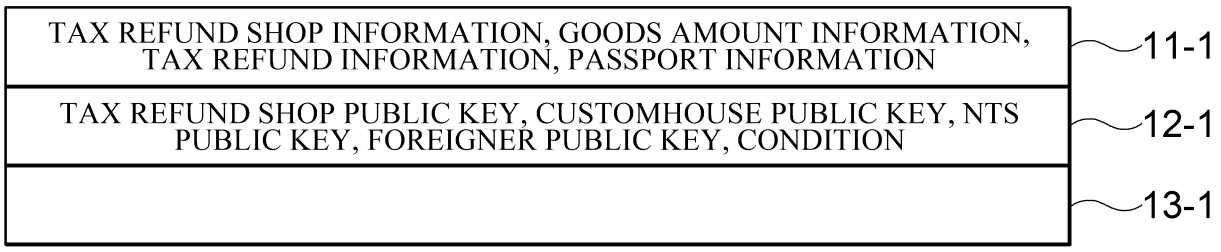


FIG. 4B



FIG. 4C

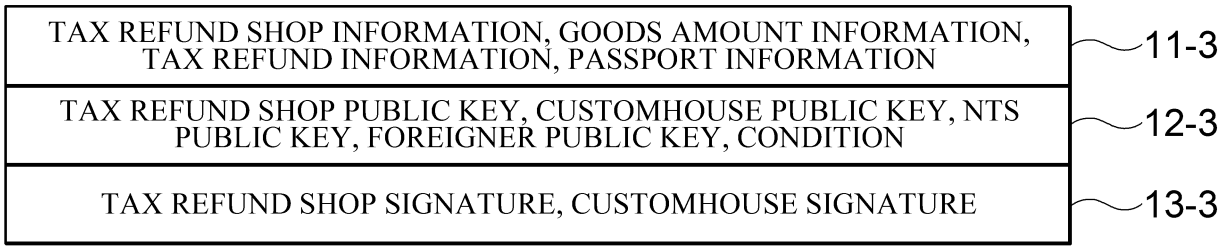


FIG. 5

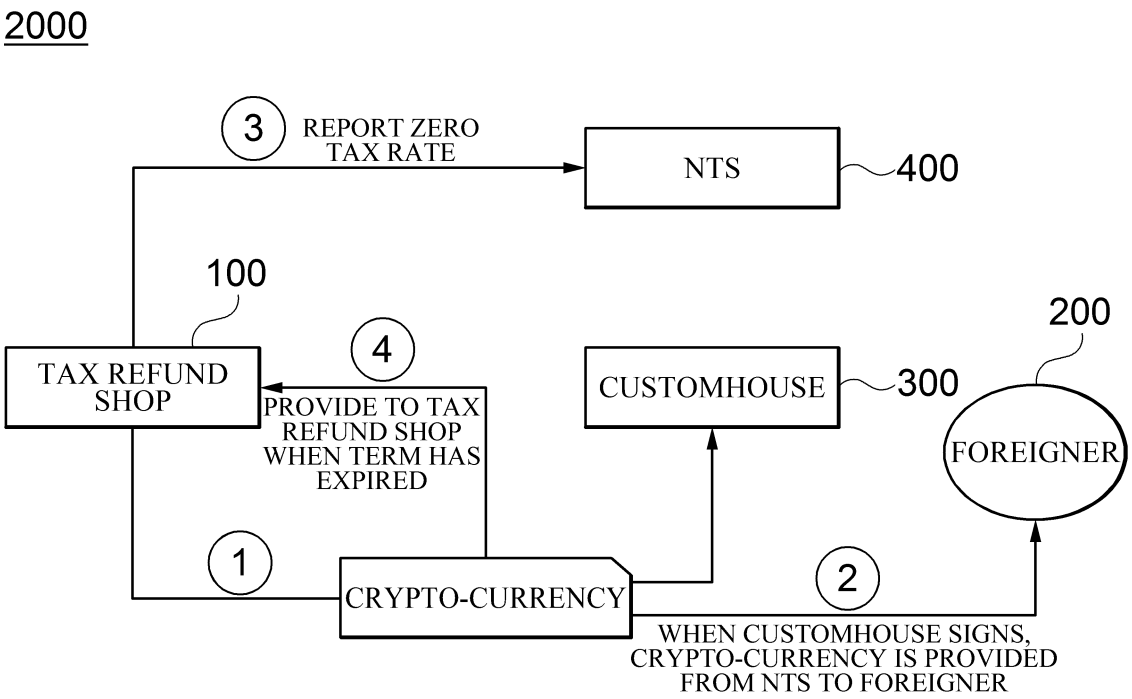
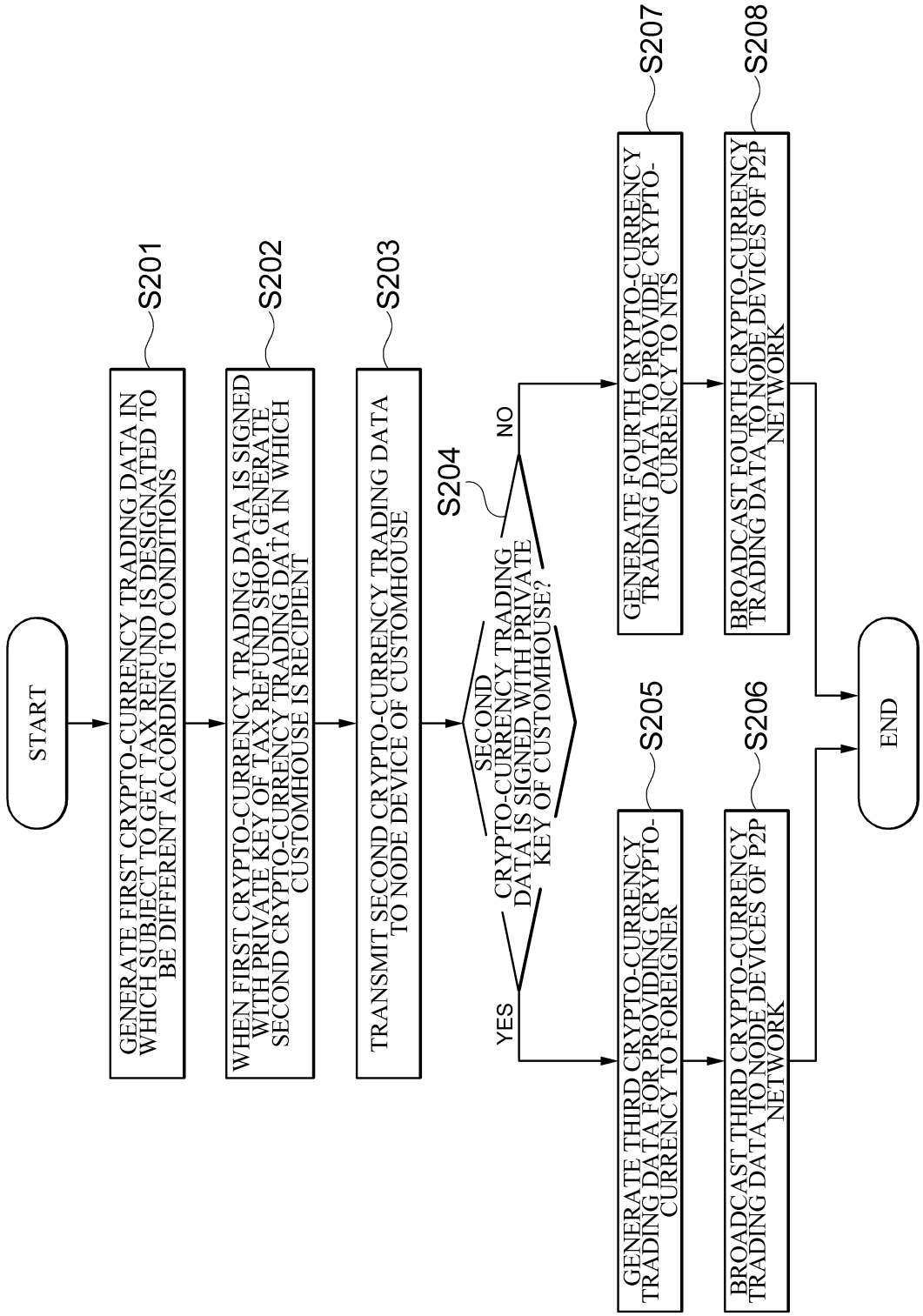

2000
3
REPORT ZERO TAX RATE
NTS
400
100
200
TAX REFUND SHOP
4
PROVIDE TO TAX REFUND SHOP WHEN TERM HAS EXPIRED
CUSTOMHOUSE
300
FOREIGNER
1
CRYPTO-CURRENCY
2
WHEN CUSTOMHOUSE SIGNS, CRYPTO-CURRENCY IS PROVIDED FROM NTS TO FOREIGNER

FIG. 6


START
GENERATE FIRST CRYPTO-CURRENCY TRADING DATA IN WHICH SUBJECT TO GET TAX REFUND IS DESIGNATED TO BE DIFFERENT ACCORDING TO CONDITIONS
S201
WHEN FIRST CRYPTO-CURRENCY TRADING DATA IS SIGNED WITH PRIVATE KEY OF TAX REFUND SHOP, GENERATE SECOND CRYPTO-CURRENCY TRADING DATA IN WHICH CUSTOMHOUSE IS RECIPIENT
S202
TRANSMIT SECOND CRYPTO-CURRENCY TRADING DATA TO NODE DEVICE OF CUSTOMHOUSE
S203
S204
SECOND CRYPTO-CURRENCY TRADING DATA IS SIGNED WITH PRIVATE KEY OF CUSTOMHOUSE?
YES
NO
GENERATE THIRD CRYPTO-CURRENCY TRADING DATA FOR PROVIDING CRYPTO-CURRENCY TO FOREIGNER
S205
BROADCAST THIRD CRYPTO-CURRENCY TRADING DATA TO NODE DEVICES OF P2P NETWORK
S206
GENERATE FOURTH CRYPTO-CURRENCY TRADING DATA TO PROVIDE CRYPTO-CURRENCY TO NTS
S207
BROADCAST FOURTH CRYPTO-CURRENCY TRADING DATA TO NODE DEVICES OF P2P NETWORK
S208
END