

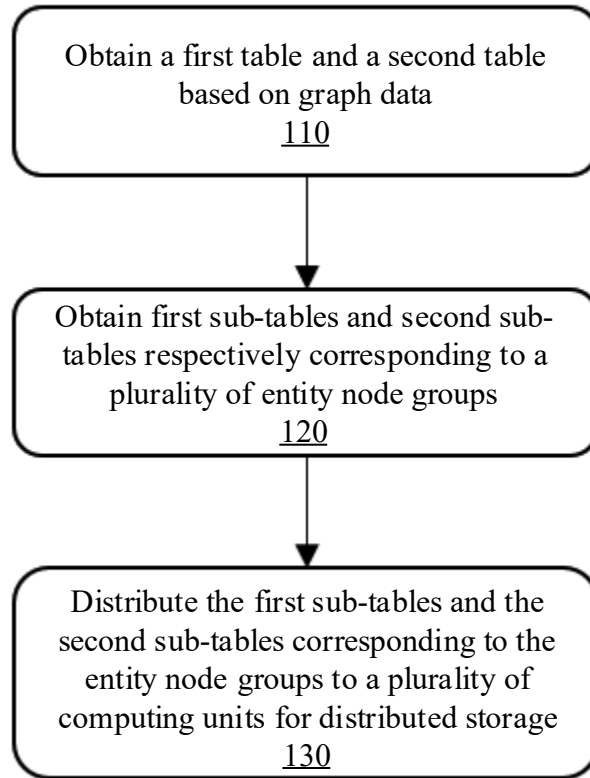
100

FIG. 1

Group identifier	Node type	Business field	City
Shop A	Shop	Catering	Chengdu
Ticket A	Voucher	Clothing	Shanghai
Ticket B	Voucher	Catering	Chengdu
Shop B	Shop	Clothing	Shanghai
Ticket C	Voucher	Catering	Chengdu
Ticket D	Voucher	Catering	Shanghai

FIG. 2

O	P	S
Shanghai	Voucher_city	Ticket A
Shanghai	Voucher_city	Ticket D
Shanghai	City_city	Shop B
Chengdu	Shop_city	Shop A
Chengdu	Voucher_city	Ticket B
Chengdu	Voucher_city	Ticket C
Clothing	Voucher_business field	Ticket A
Clothing	Shop_business field	Shop B
Catering	Shop_business field	Shop A
Catering	Voucher_business field	Ticket B
Catering	Voucher_business field	Ticket C
Catering	Voucher_business field	Ticket D

FIG. 3

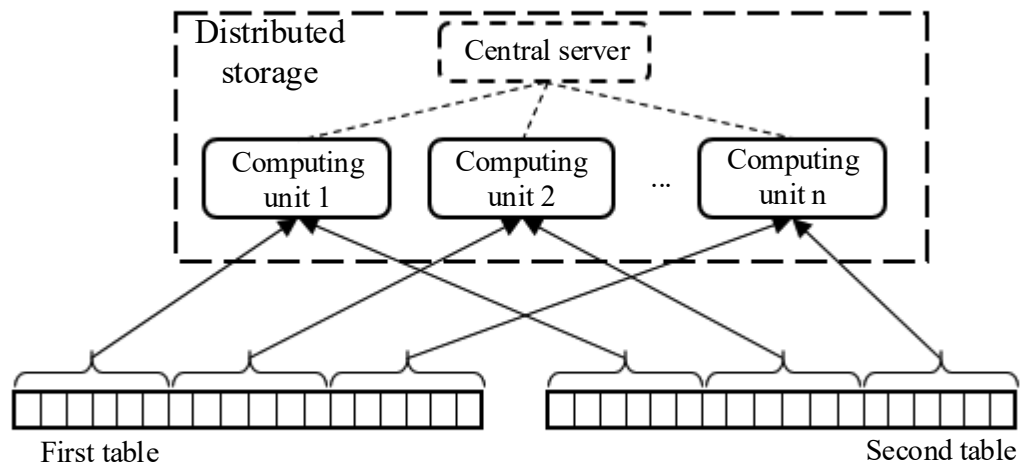


FIG. 4

500

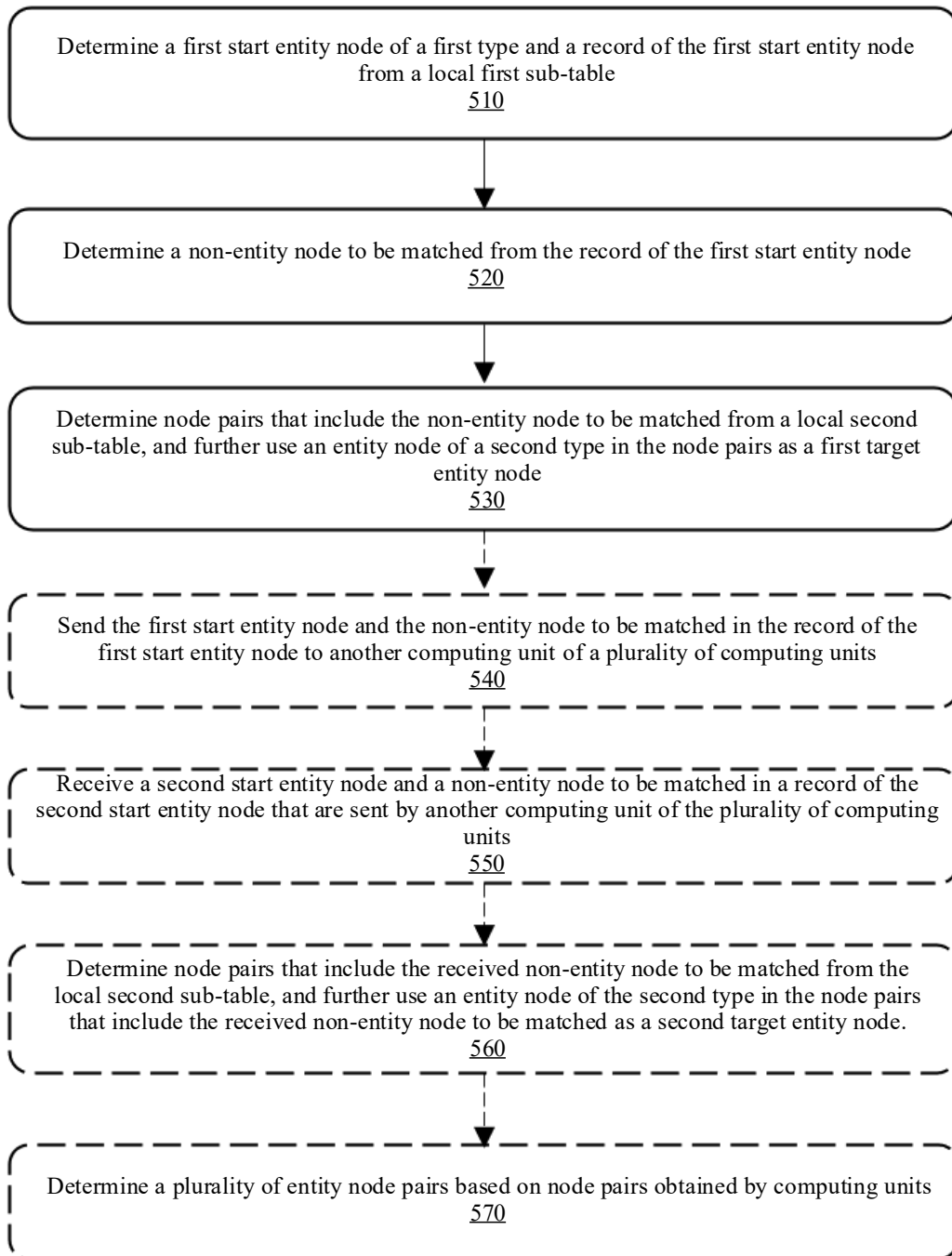


FIG. 5

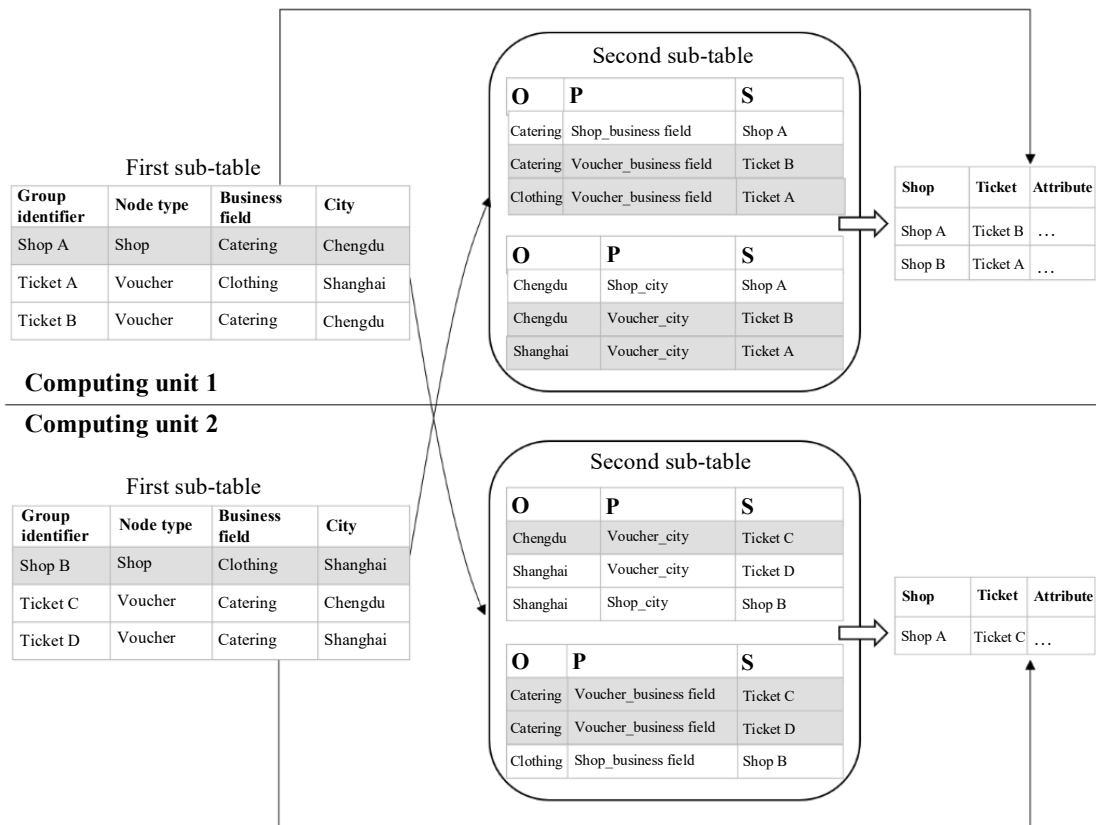


FIG. 6

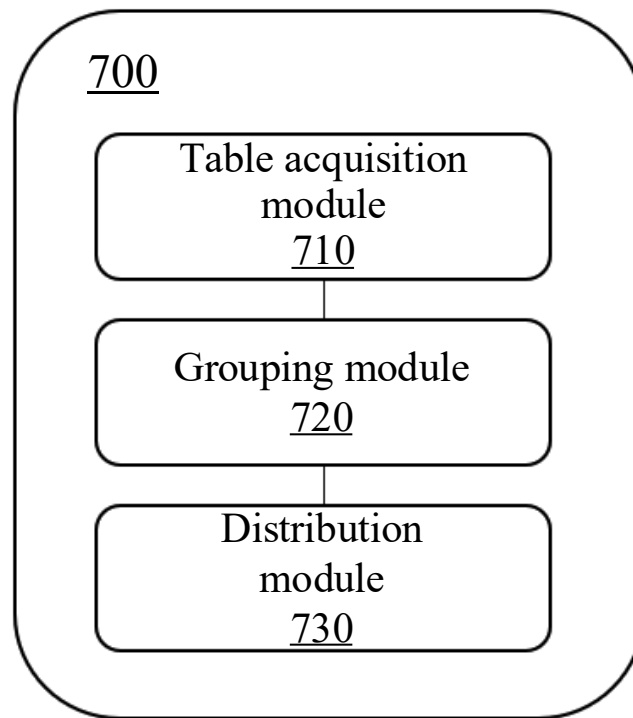


FIG. 7

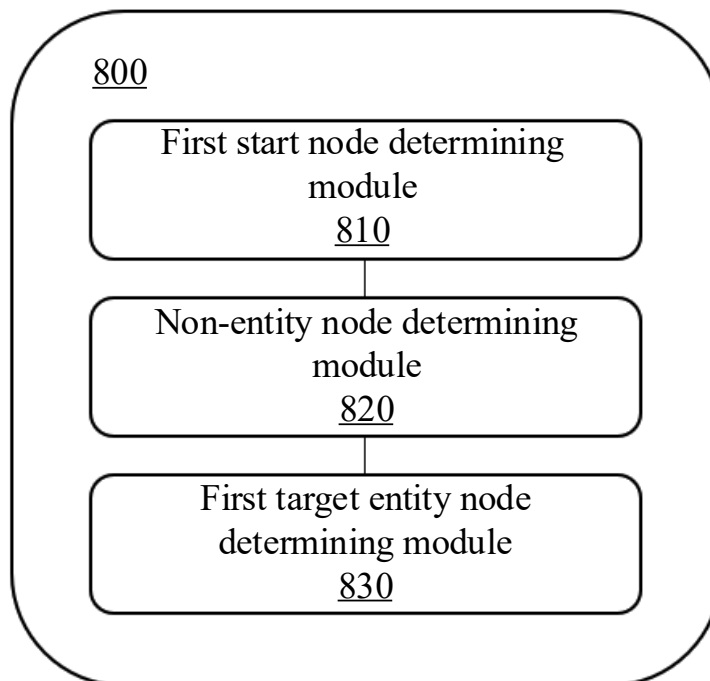


FIG. 8