

FIG. 1A

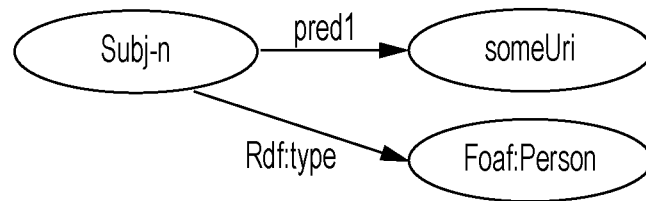


FIG. 1B

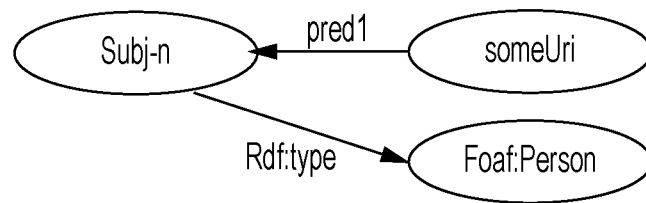


FIG. 2

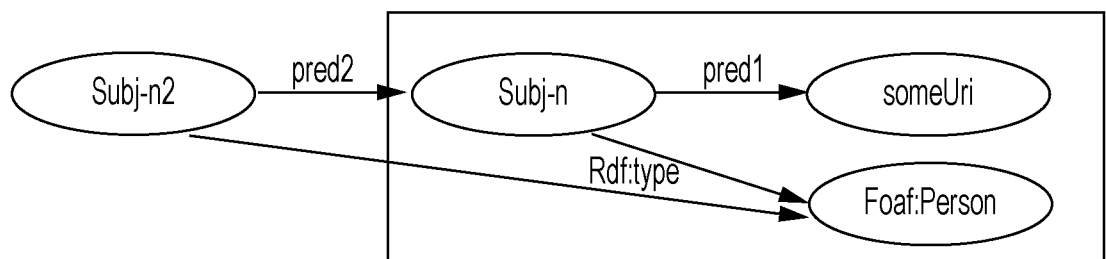


FIG. 3

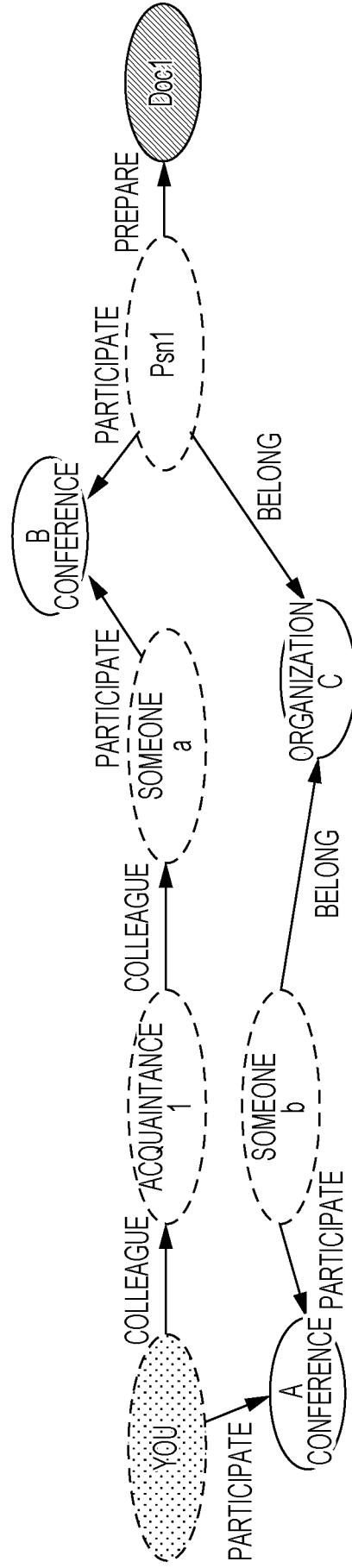


FIG. 4

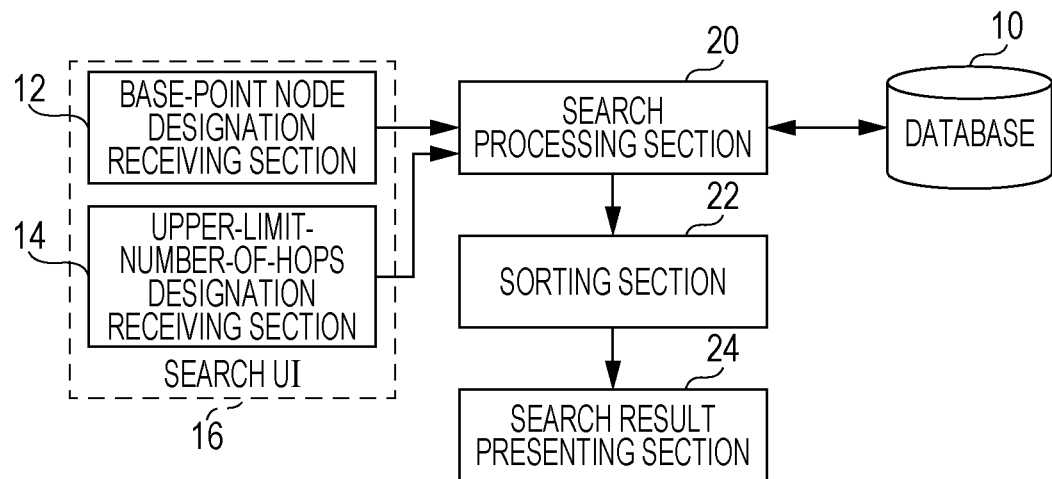


FIG. 5

SUBJECT (NODE)	PREDICATE (LINK)	OBJECT (NODE)
YOU	BE COLLEAGUE OF	ACQUAINTANCE ₁
YOU	PARTICIPATE IN	A CONFERENCE
ACQUAINTANCE ₁	BE COLLEAGUE OF	SOMEONE _a
SOMEONE _a	PARTICIPATE IN	B CONFERENCE
Psn1	PARTICIPATE IN	B CONFERENCE
Psn1	PREPARE	Doc1
Psn1	BELONG TO	ORGANIZATION C
SOMEONE _b	BELONG TO	ORGANIZATION C
SOMEONE _b	PARTICIPATE IN	A CONFERENCE
YOU	Rdf:type (BE MEMBER OF CLASS OF...)	Foaf:Person (PERSON)
ACQUAINTANCE ₁	Rdf:type (BE MEMBER OF CLASS OF...)	Foaf:Person (PERSON)
SOMEONE _a	Rdf:type (BE MEMBER OF CLASS OF...)	Foaf:Person (PERSON)
⋮	⋮	⋮

FIG. 6

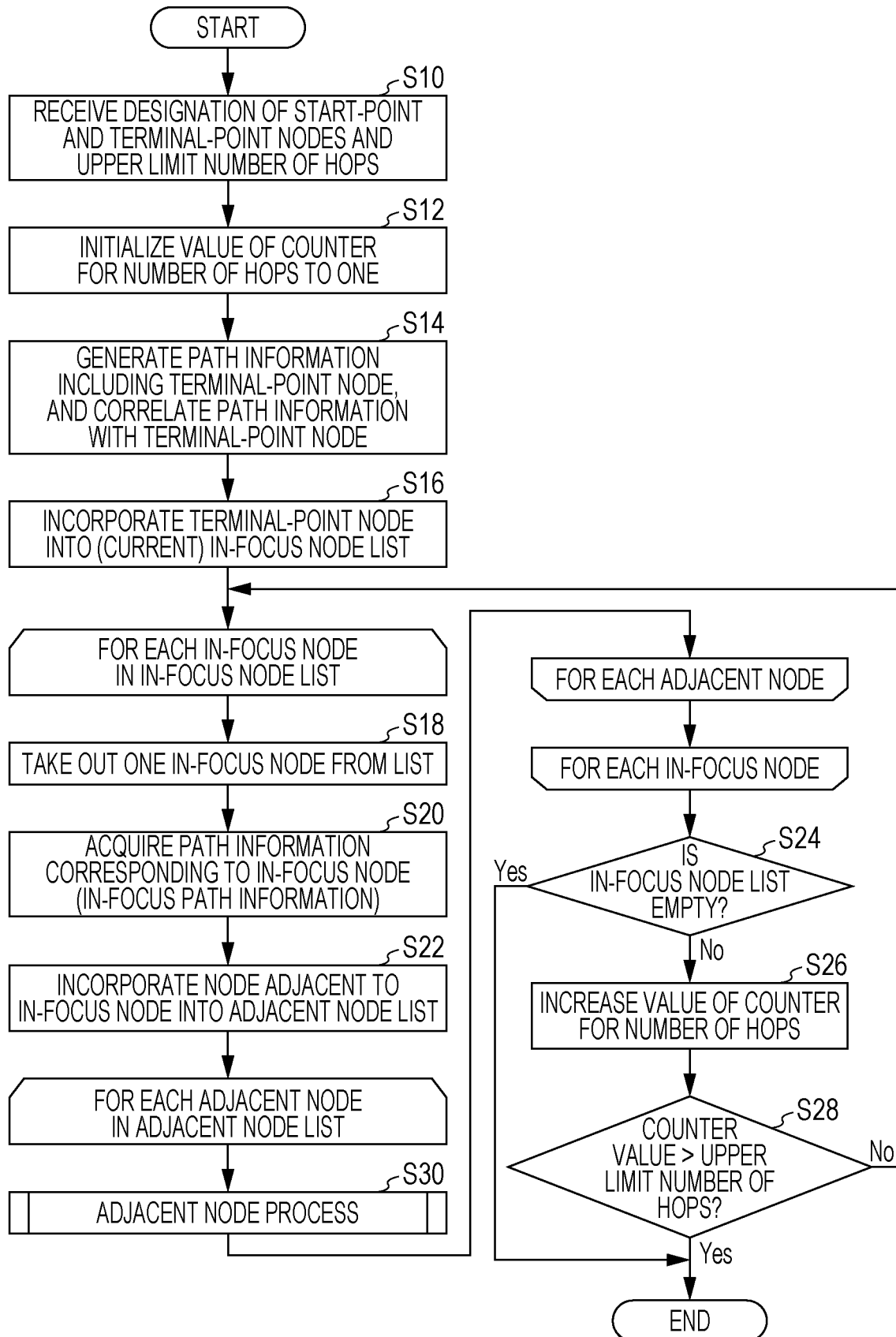


FIG. 7

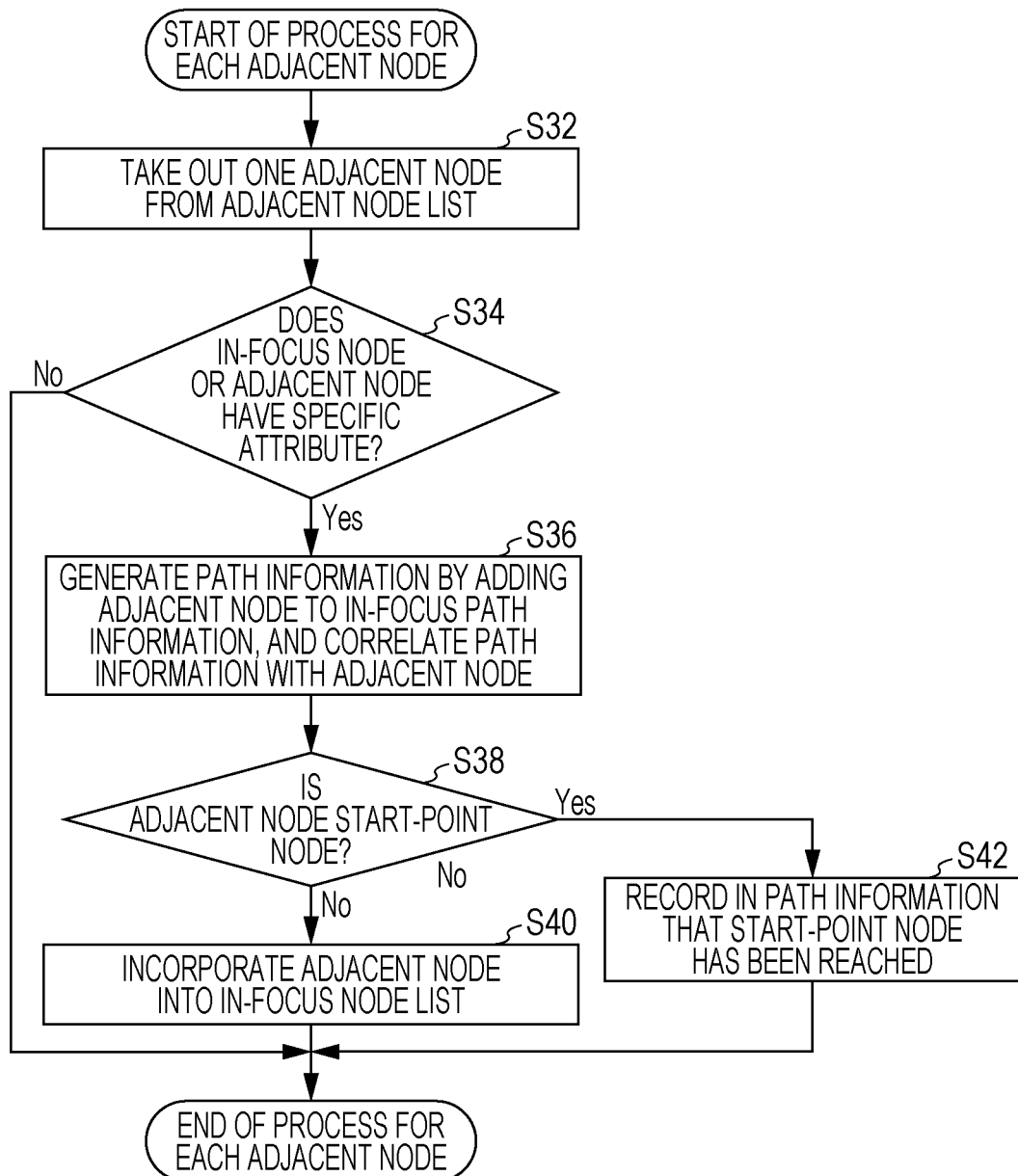


FIG. 8

ARRIVAL FLAG	NUMBER OF HOPS	PATH FROM TERMINAL-POINT NODE
REACHED	5	Doc1, <u>PREPARE</u> , Psn1, <u>PARTICIPATE</u> , B CONFERENCE, <u>PARTICIPATE</u> , SOMEONE a, <u>COLLEAGUE</u> , <u>ACQUAINTANCE</u> 1, COLLEAGUE, YOU
REACHED	5	Doc1, <u>PREPARE</u> , Psn1, <u>BELONG</u> , ORGANIZATION C, <u>BELONG</u> , SOMEONE b, <u>PARTICIPATE</u> , A CONFERENCE, <u>PARTICIPATE</u> , YOU
UNREACHED	2	Doc1, COMMENT, Psn2, <u>PARTICIPATE</u> , D CONFERENCE
⋮	⋮	⋮

FIG. 9

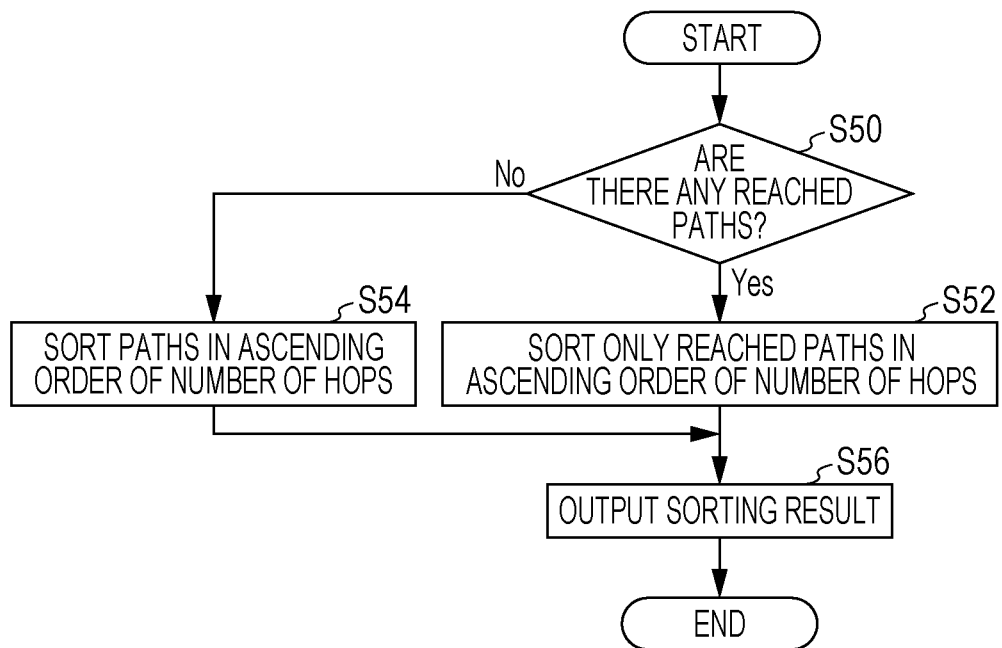


FIG. 10

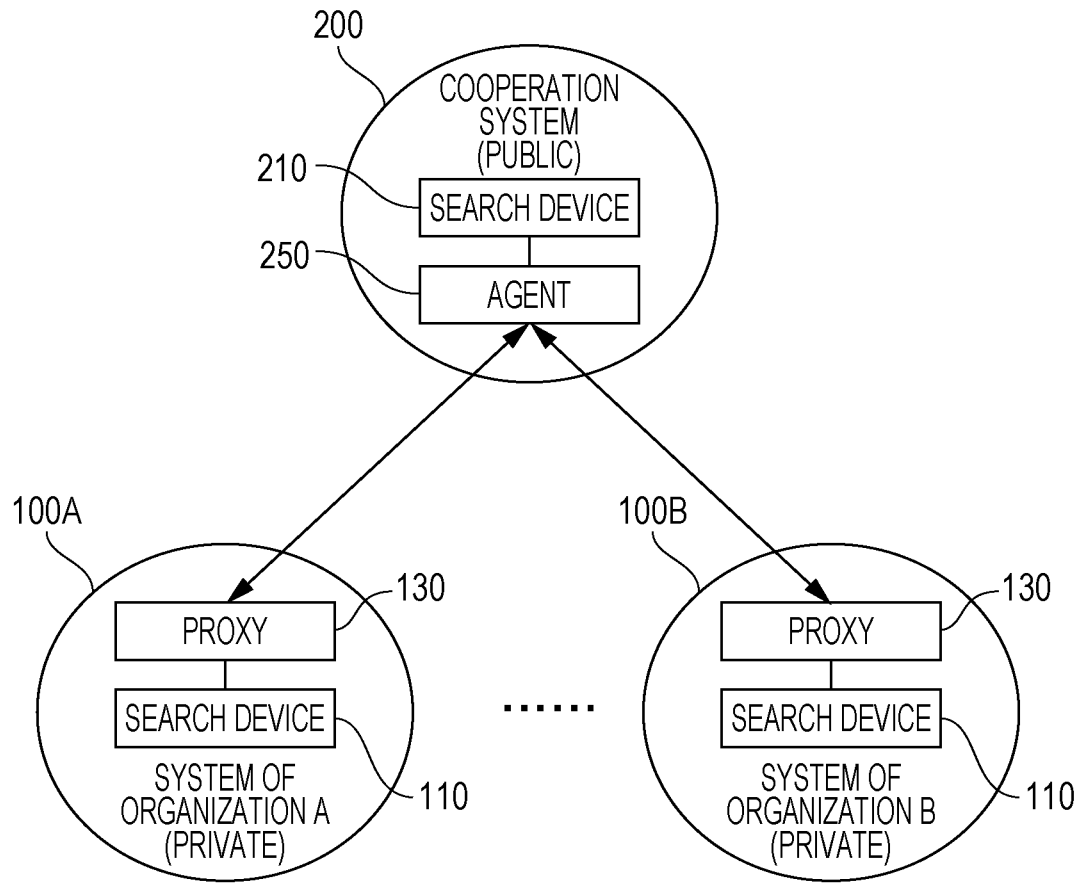


FIG. 11

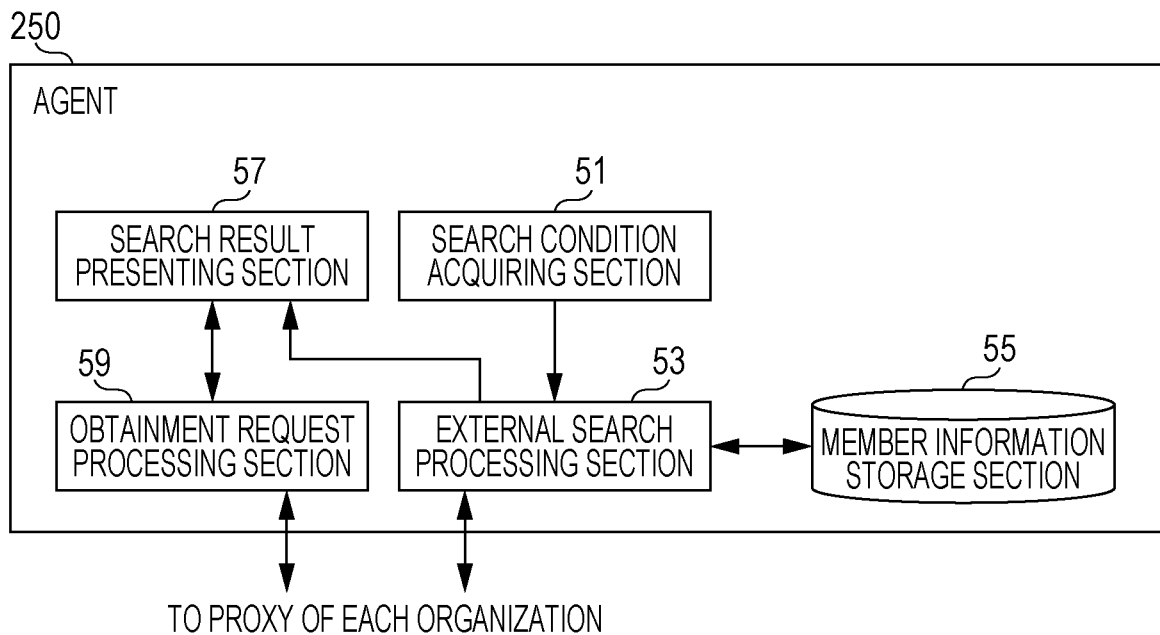


FIG. 12

USER ID IN COOPERATION SYSTEM	USER NAME	ORGANIZATION USER BELONGS TO	USER ID IN ORGANIZATION USER BELONGS TO
00001	A-a	A	12345678
00002	B-b	B	abcde
00003	C-c	C	ABCDEFGH
⋮	⋮	⋮	⋮

FIG. 13

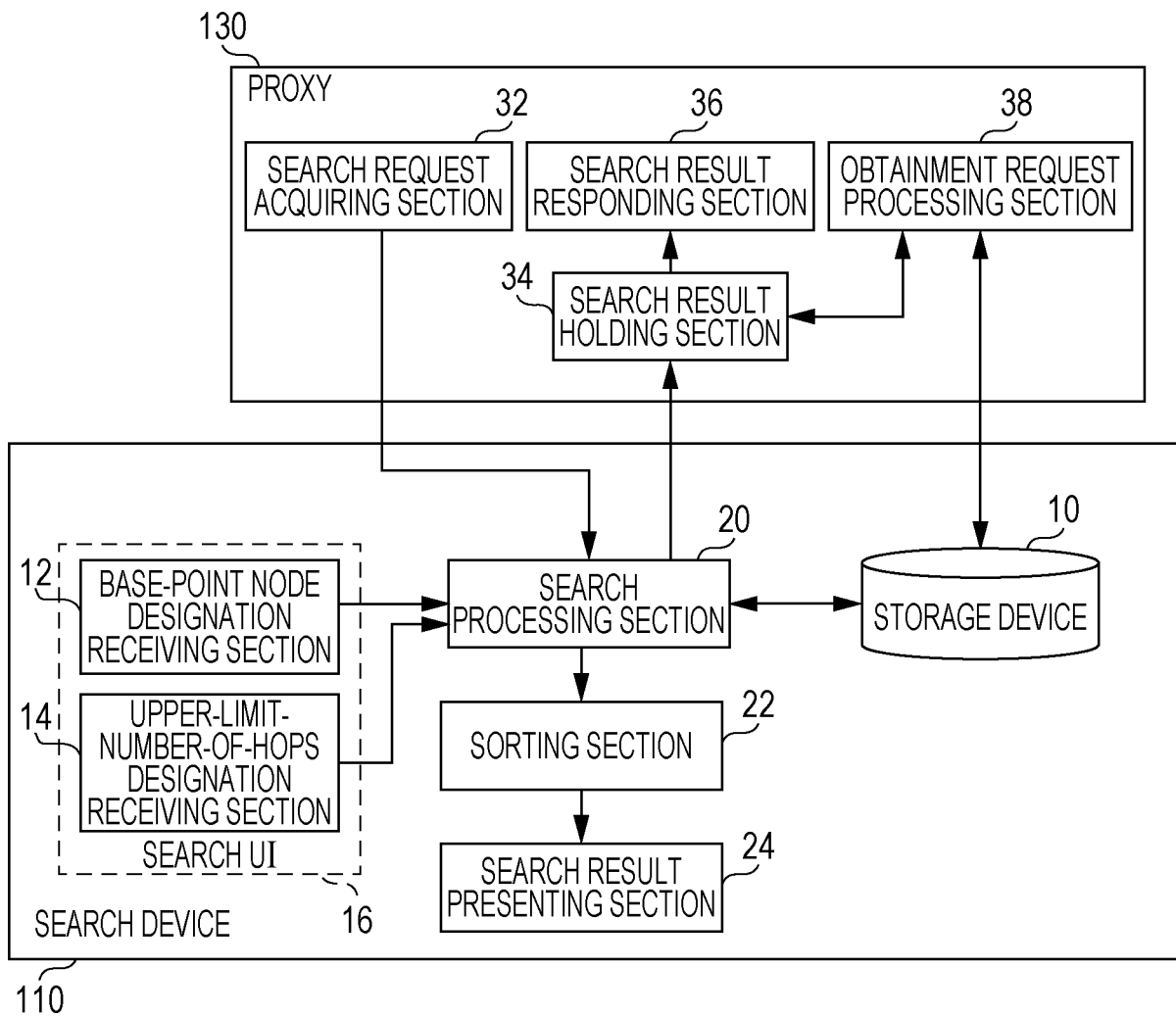


FIG. 14

SEARCH RESULT ID	DATA ELEMENT RETRIEVED	REQUESTED ENTITY CANDIDATE	LINK CHAIN (PATH) INFORMATION
010001	Doc1	A-a	(1) Doc1, PREPARE, Psn1, <u>PARTICIPATE</u> , B CONFERENCE, PARTICIPATE, SOMEONE a, COLLEAGUE, ACQUAINTANCE 1, COLLEAGUE, A-a (2) Doc1, PREPARE, Psn1, BELONG, C CONFERENCE, BELONG, SOMEONE b, <u>PARTICIPATE</u> , A CONFERENCE, PARTICIPATE, A-a
010002	Doc1	A-b	Doc1, PREPARE, Psn3, PARTICIPATE, A-b
010003	Doc1	A-f	Doc1, COMMENT, Psn2, <u>PARTICIPATE</u> , A-f

FIG. 15

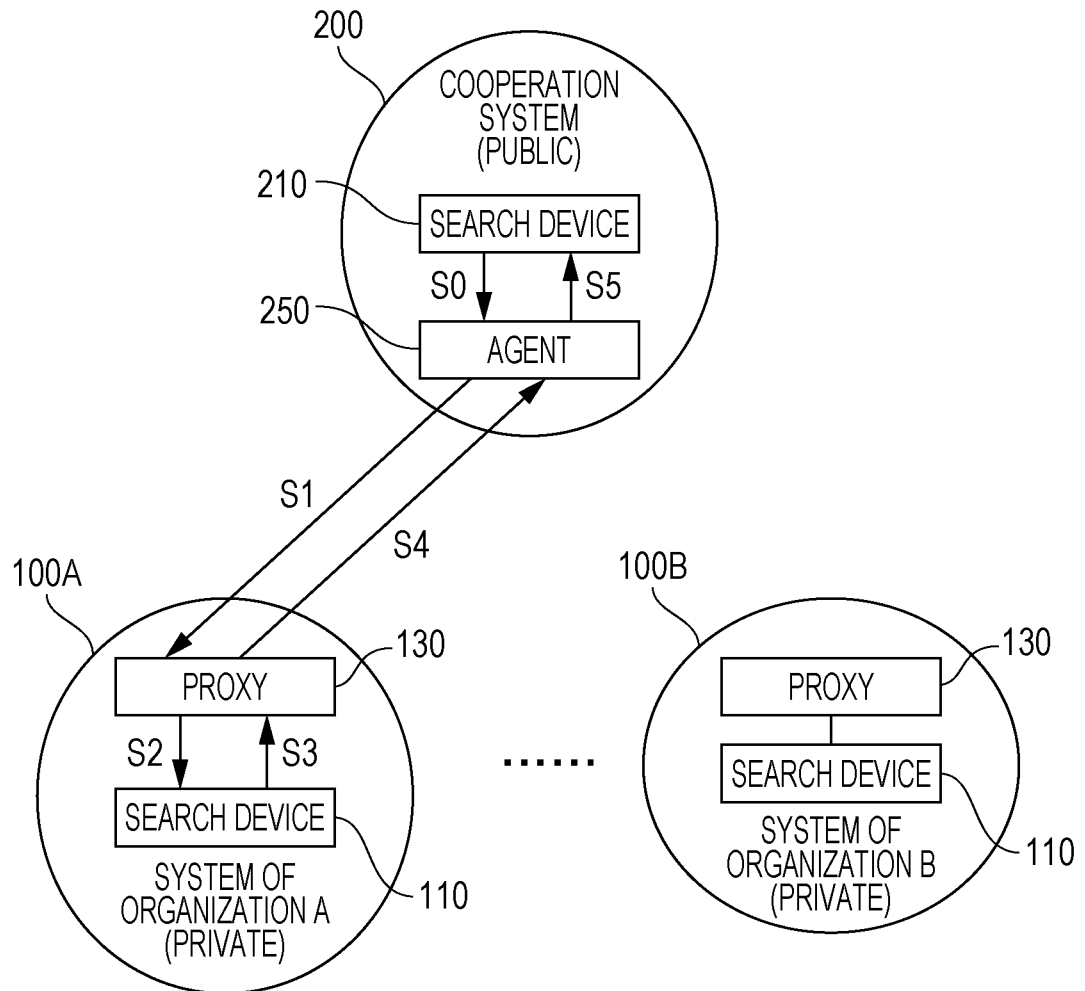


FIG. 16

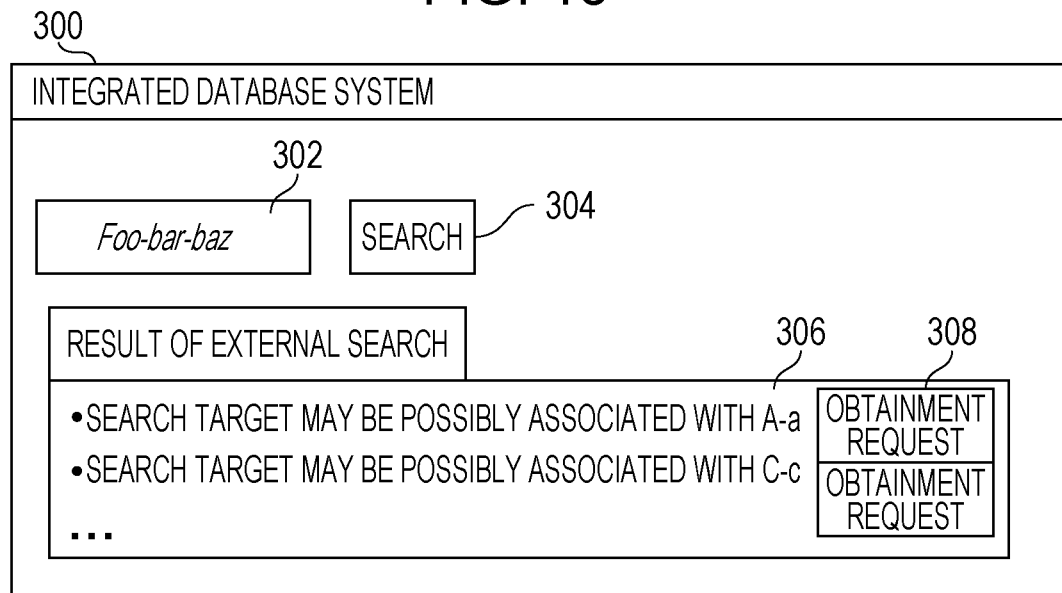


FIG. 17

400

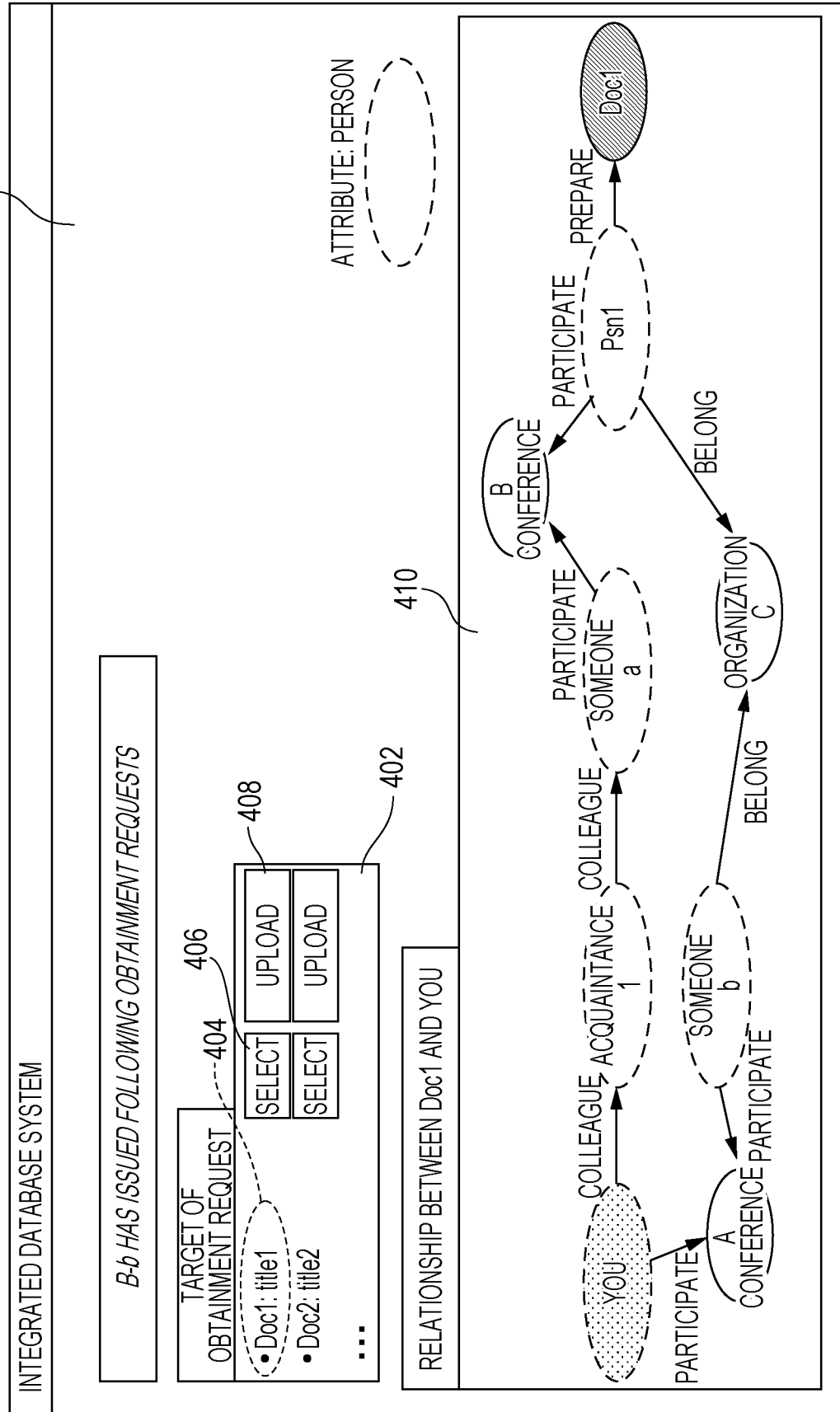


FIG. 18

