FIG.1

[BLOCK DIAGRAM]

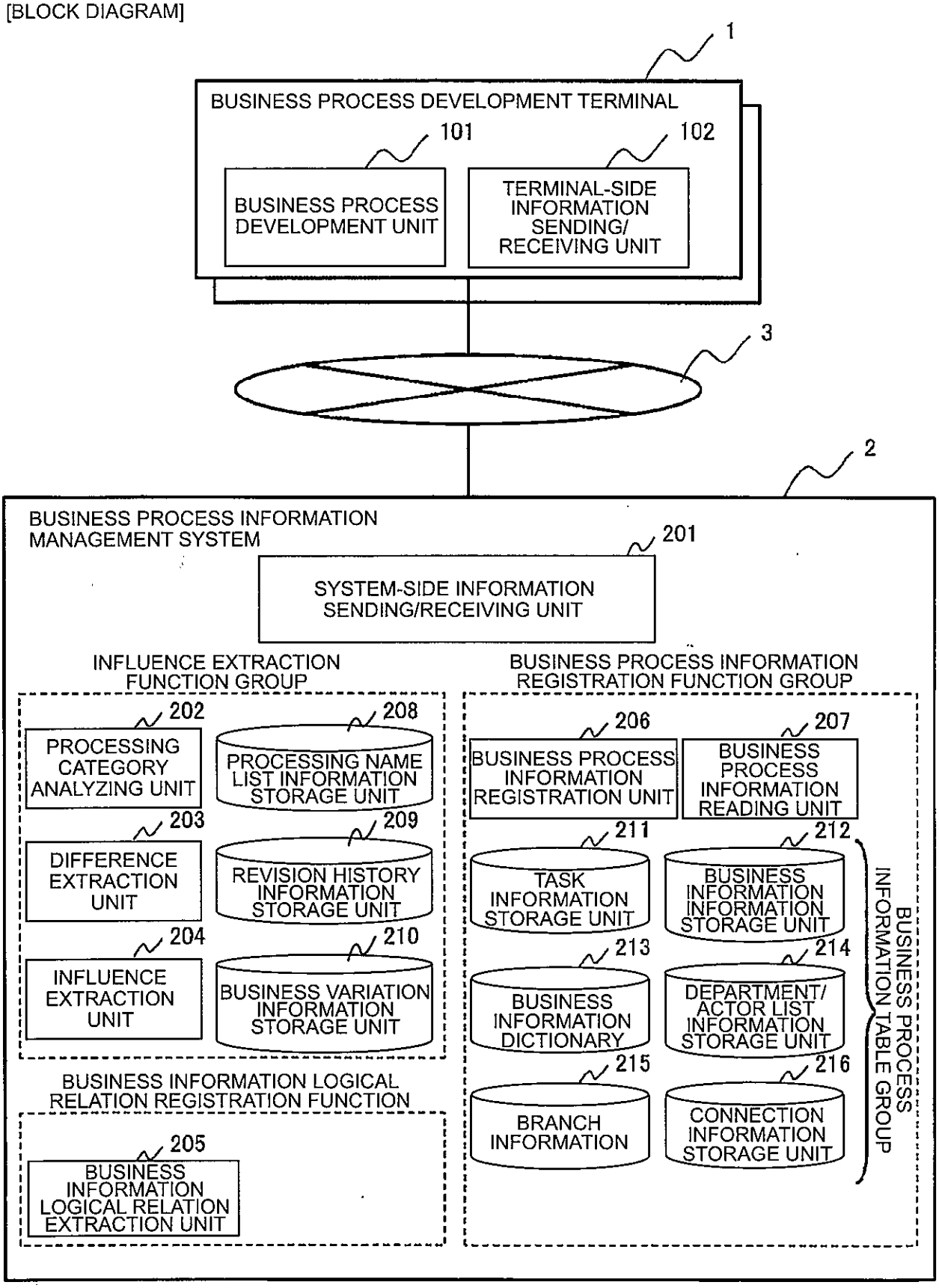


FIG.2

[HARDWARE CONFIGURATION]

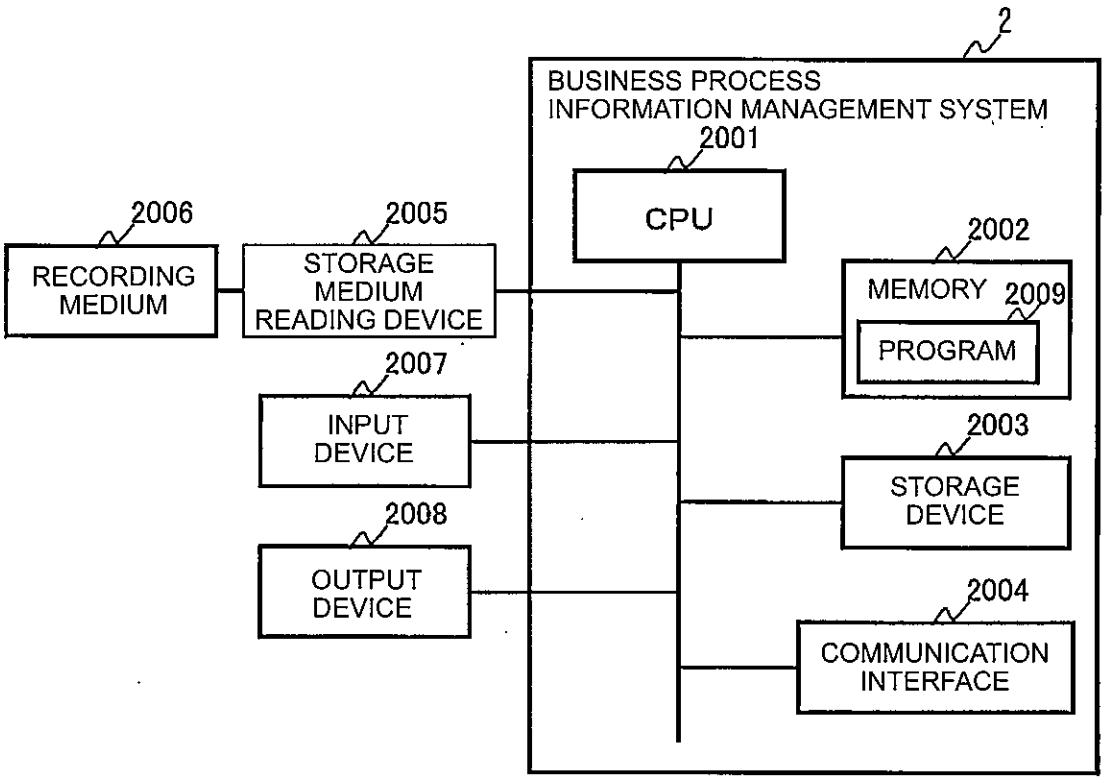


FIG.3

[OVERALL FLOW]

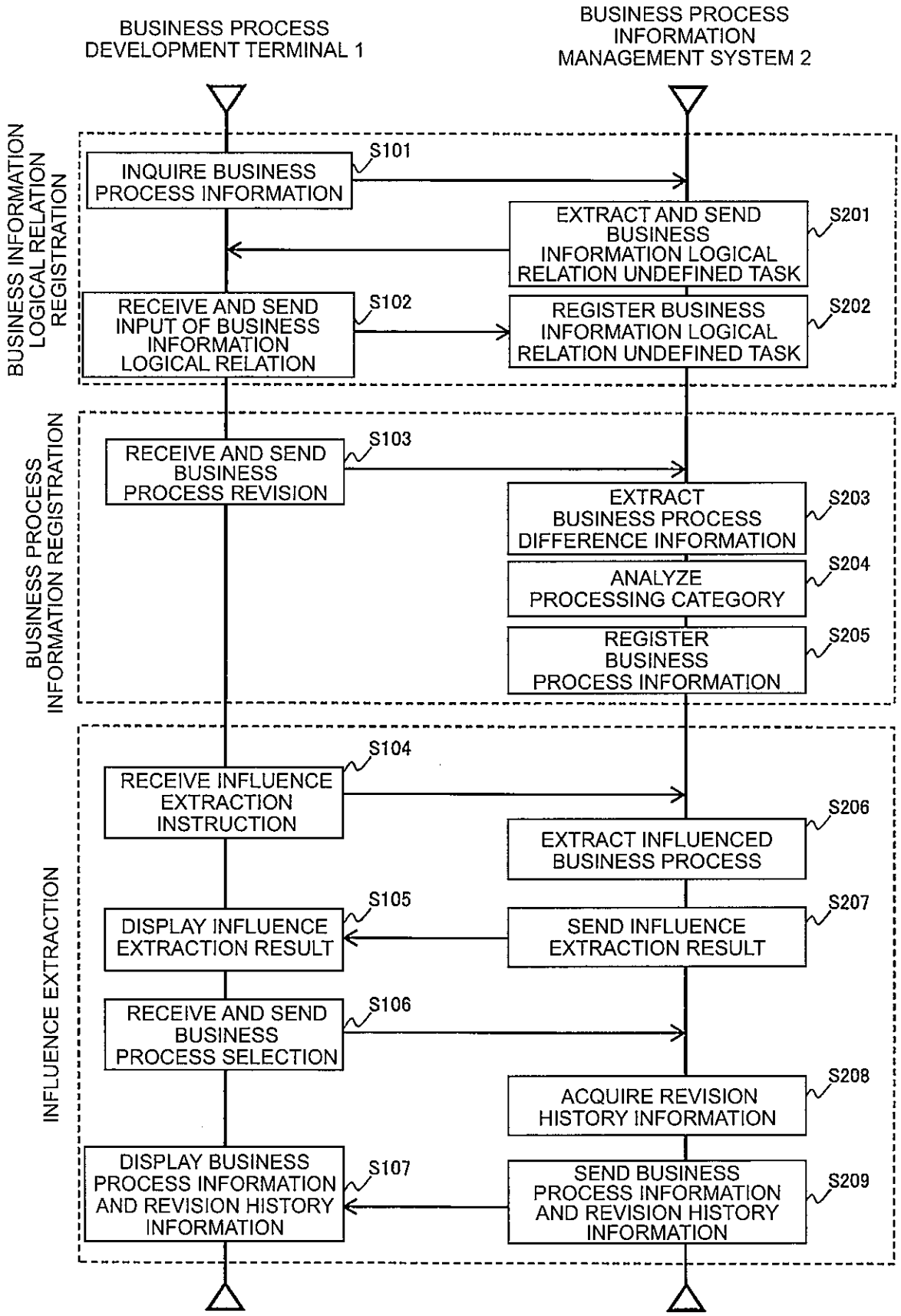


FIG.4

[BUSINESS PROCESS DIFFERENCE INFORMATION EXTRACTION FLOW S203]

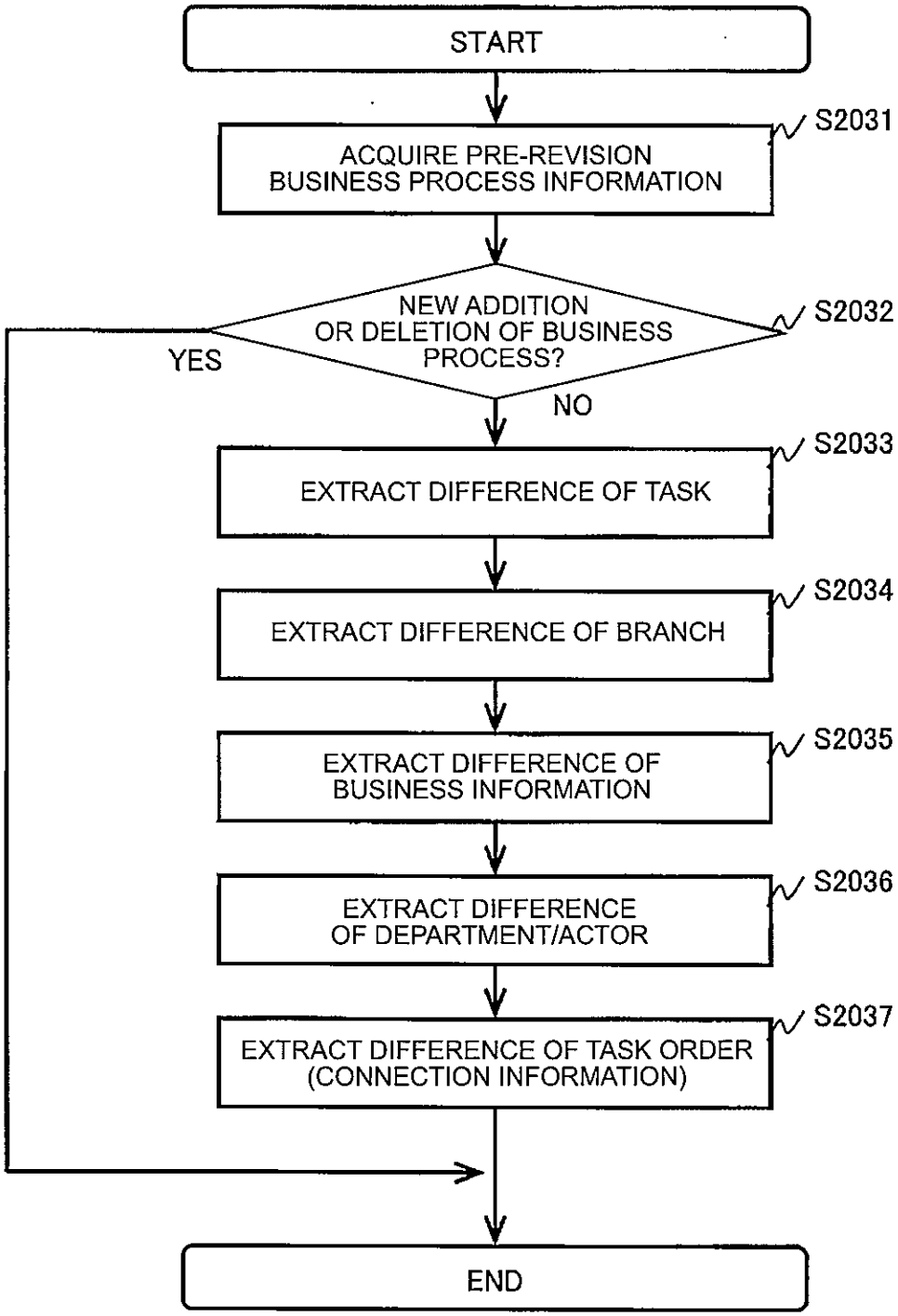


FIG.5

[PROCESSING CATEGORY ANALYSIS FLOW S204]

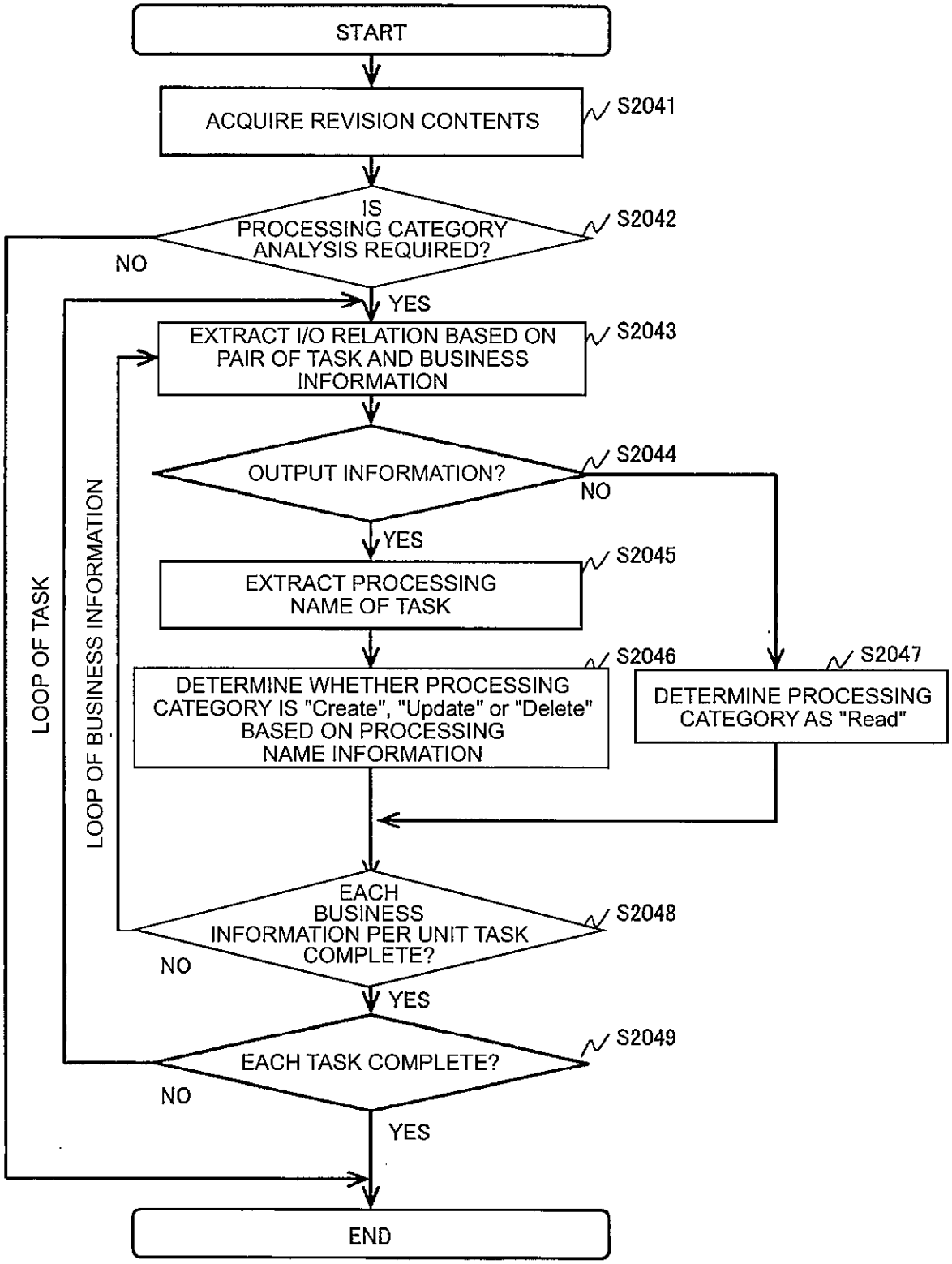


FIG.6

[INFLUENCED BUSINESS PROCESS EXTRACTION FLOW S206]

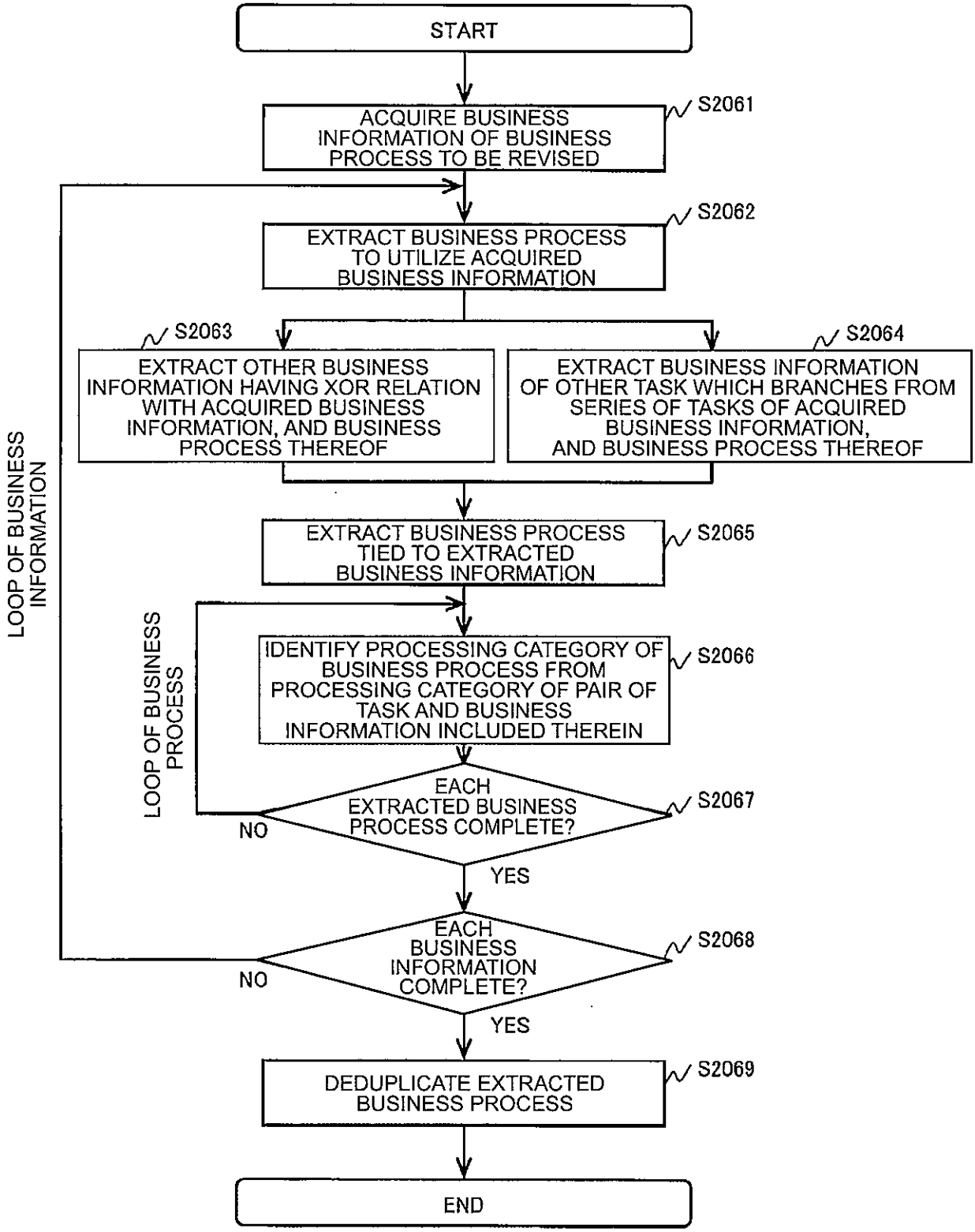


FIG.7

[TASK INFORMATION 211]

BUSINESS ID	GENERAL PROCESS	BUSINESS PROCESS	TASK	REFERENCE BUSINESS INFORMATION ID		REFERENCE DEPARTMENT ID	REFERENCE ACTOR ID
				INPUT INFORMATION ID	OUTPUT INFORMATION ID		
B1-1-1	NEW CONTRACT	CREATE APPLICATION FOR CONTRACT	ENTER BASIC CONTRACT INFORMATION	–	D001	CONTRACT-RELATED PARTIES	POLICY HOLDER
...			...	...	...	...	...
B1-2-1		CREATE NOTIFICATION	APPROVE NOTIFICATION METHOD	–	–	CONTRACT-RELATED PARTIES	PERSON INSURED
B1-2-2			ENTER PAST MEDICAL HISTORY INFORMATION	–	D002	CONTRACT-RELATED PARTIES	PERSON INSURED
B1-2-3			ENTER HEALTH CONDITION DETAILED INFORMATION	–	D002	CONTRACT-RELATED PARTIES	PERSON INSURED
B1-2-4			ENTER NOTIFICATION DATE AND INSURED PERSON INFORMATION	–	D002	CONTRACT-RELATED PARTIES	PERSON INSURED
B1-2-5			EXPLAIN NOTIFICATION METHOD	–	–	BRANCH OFFICE	SALES
B1-2-6			RECEIVE NOTIFICATION	–	–	BRANCH OFFICE	SALES
B1-2-7			CONFIRM NOTIFICATION INFORMATION	D002	–	BRANCH OFFICE	CLERK
...		...	...	...	...	...	...
B1-4-1		CREATE MEDICAL CERTIFICATE	RECEIVE MEDICAL EXAMINATION NOTICE	–	–	CONTRACT-RELATED PARTIES	PERSON INSURED
...		...	...	...	...	...	...
B1-5-1		MEDICAL SCREENING	REGISTER APPLICATION INFORMATION	D001 D002 D003	D004	BRANCH OFFICE	CLERK
B1-5-2			CONFIRM SCREENING NECESSITY INFORMATION	D002 D003	–	HEAD OFFICE	SCREENER
B1-5-3			REGISTER SCREENING INFORMATION	D002 D003	D004	HEAD OFFICE	MEDICAL OFFICER
B1-5-4			PROCESS SCREENING INFORMATION REGISTRATION	D001 D002 D003	D004	SYSTEM	CONTRACT SYSTEM
B1-5-5			REQUEST SCREENING	–	–	SYSTEM	CONTRACT SYSTEM
B1-5-6			PROCESS SCREENING INFORMATION REGISTRATION	D002 D003	D004	SYSTEM	CONTRACT SYSTEM
...		...	...	...	...	...	...

FIG.8

[BUSINESS INFORMATION INFORMATION 212]

BUSINESS ID	BUSINESS INFORMATION			PROCESSING CATEGORY (CRUD)
	LOGICAL RELATION	REFERENCE BUSINESS INFORMATION ID	I/O RELATION (I/O)	
...	...	...	...	...
B1-5-1	ESSENTIAL (AND)	D001	I	R
		D004	O	C
	OPTION (OR)	-	-	-
	EITHER-OR (XOR)	D002	I	R
		D003	I	R
...	...	...	...	...

FIG.9

[BUSINESS INFORMATION DICTIONARY 213]

BUSINESS INFORMATION ID	BUSINESS INFORMATION NAME
D001	CONTRACT INFORMATION
D002	NOTIFICATION INFORMATION
D003	DIAGNOSIS INFORMATION
D004	APPLICATION INFORMATION
...	...

FIG.10

[DEPARTMENT/ACTOR LIST INFORMATION 214]

DEPARTMENT ID	DEPARTMENT NAME	ACTOR ID	ACTOR NAME
P001	CONTRACT -RELATED PARTIES	L001	POLICY HOLDER
		L002	INSURED PERSON
P002	BRANCH OFFICE	L003	SALES
		L004	CLERK
P003	HEAD OFFICE	L005	SCREENER
		L006	MEDICAL OFFICER
P004	SYSTEM	L007	CONTRACT SYSTEM
...	...	...	...

FIG.11

[BRANCH INFORMATION 215]

BUSINESS PROCESS	BRANCH ID	BRANCH NAME	BRANCH CONDITIONS	TRANSITION CONNECTION FLOW ID
...	...	...	...	...
CREATE NOTIFICATION	G001	DETERMINE EXISTENCE OF DETAILS	DETAILS - NO	C004
			DETAILS - YES	C005
	...	...	...	...
...	...	...	...	...

FIG.12

[CONNECTION INFORMATION 216]

BUSINESS PROCESS	CONNECTION FLOW		CONNECTION SOURCE BUSINESS / BRANCH ID (From)	CONNECTION DESTINATION BUSINESS / BRANCH ID (To)
	CONNECTION FLOW ID	SEQUENCE (S) / MESSAGE (M)		
...	...	...	...	...
CREATE NOTIFICATION	C001	S	start	B1-2-1
	C002	M	B1-2-6	B1-2-1
	C003	S	B1-2-1	B1-2-2
	...	...	...	...
...	...	...	...	...

FIG.13

[PROCESSING NAME LIST INFORMATION 208]

PROCESSING NAME	PROCESSING CATEGORY
ENTER	Create
REGISTER	Create
PROCESS REGISTRATION	Create
ADD	Create
CONFIRM	Read
REFER	Read
CORRECT	Update
UPDATE	Update
DELETE	Delete
DISCARD	Delete
...	...

FIG.14

[REVISION HISTORY INFORMATION 209]

REVISION ID	BUSINESS PROCESS NAME	CHANGED ELEMENT	PRE-REVISION ATTRIBUTE	POST-REVISION ATTRIBUTE	REVISION OPE-RATION	DIFFERENCE EXTRACTION DATE/TIME
M001	CREATE NOTIFI-CATION	TASK	–	DELIVER NOTIFICATION (COPY)	ADD	2014-01-23 00:00:01
		TASK	–	CONFIRM NOTIFICATION (COPY)	ADD	2014-01-23 00:00:01
		BUSINESS INFOR-MATION	–	NOTIFICATION (COPY) INFORMATION	ADD	2014-01-23 00:00:01
		SEQUENCE FLOW	ENTER NOTIFICATION DATE AND INSURED PERSON INFORMATION→ END	ENTER NOTIFICATION DATE AND INSURED PERSON INFORMATION → CONFIRM NOTIFICATION(COPY)	CHANGE	2014-01-23 00:00:01
		SEQUENCE FLOW	–	CONFIRM NOTIFICATION (COPY) → END	ADD	2014-01-23 00:00:01
		SEQUENCE FLOW	RECEIVE NOTIFICATION → CONFIRM NOTIFICATION INFORMATION	RECEIVE NOTIFICATION → DELIVER NOTIFICATION(COPY)	CHANGE	2014-01-23 00:00:01
		SEQUENCE FLOW	–	DELIVER NOTIFICATION (COPY) → CONFIRM NOTIFICATION (COPY)	ADD	2014-01-23 00:00:01
		MESSAGE FLOW	–	DELIVER NOTIFICATION (COPY) → CONFIRM NOTIFICATION (COPY)	ADD	2014-01-23 00:00:01
		...	...	...	...	...
...	...	...	...	...	...	...

FIG.15

[BUSINESS VARIATION INFORMATION 210]

BUSINESS VARIATION ID	BUSINESS VARIATION	BUSINESS PURPOSE		
		UTILIZATION BUSINESS	BUSINESS INFORMATION	PROCESSING CATEGORY
V001	CREATE NOTIFICATION	MEDICAL SCREENING	NOTIFICATION INFORMATION	Read
	MEDICAL SCREENING	MEDICAL SCREENING	NOTIFICATION INFORMATION	Read
			DIAGNOSIS INFORMATION	Read
	CORRECT NOTIFICATION	MEDICAL SCREENING	NOTIFICATION INFORMATION	Update
	CREATE MEDICAL CERTIFICATE	MEDICAL SCREENING	DIAGNOSIS INFORMATION	Create
				Read
...	...	...	...	...

FIG.16

[BUSINESS PROCESS EDITING SCREEN 501]

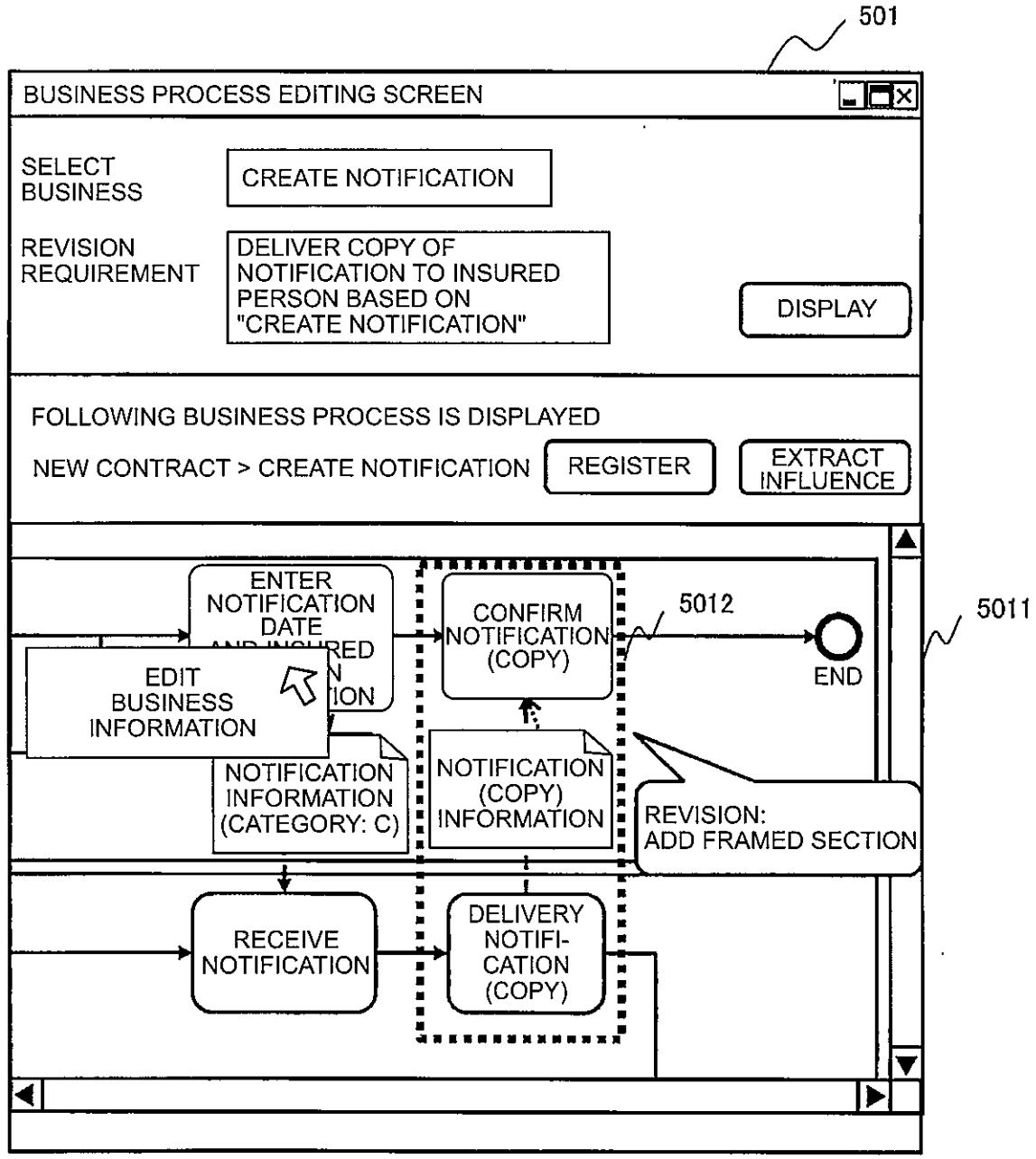


FIG.17

[BUSINESS INFORMATION EDITING SCREEN 502]

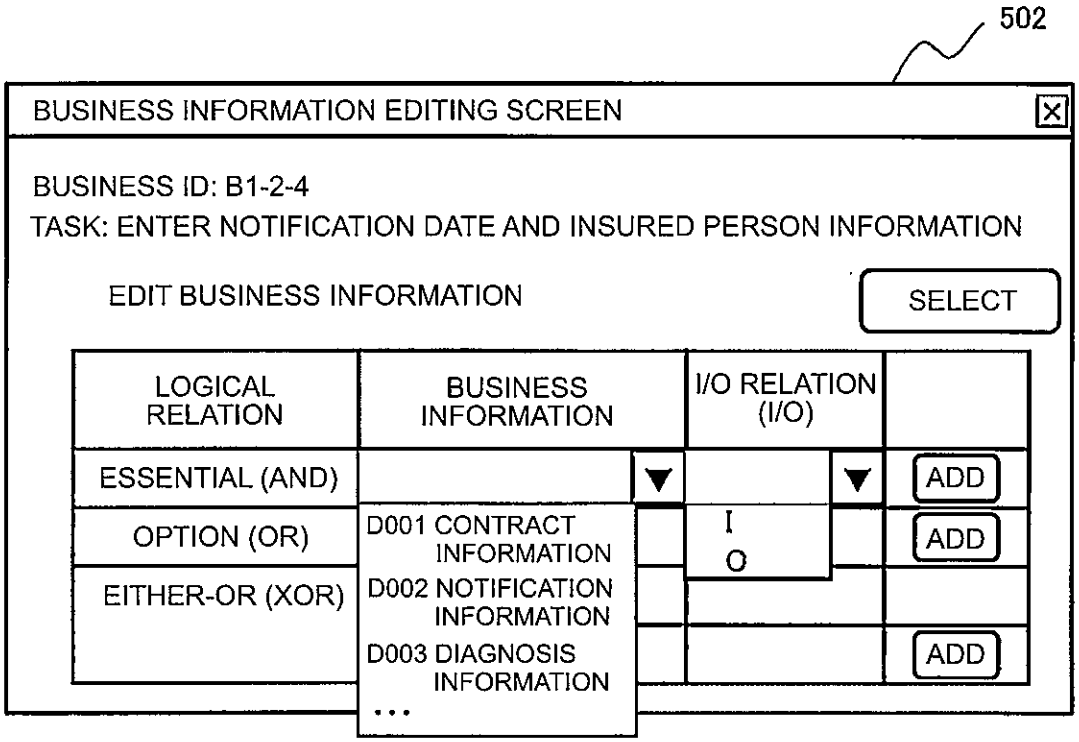


FIG.18

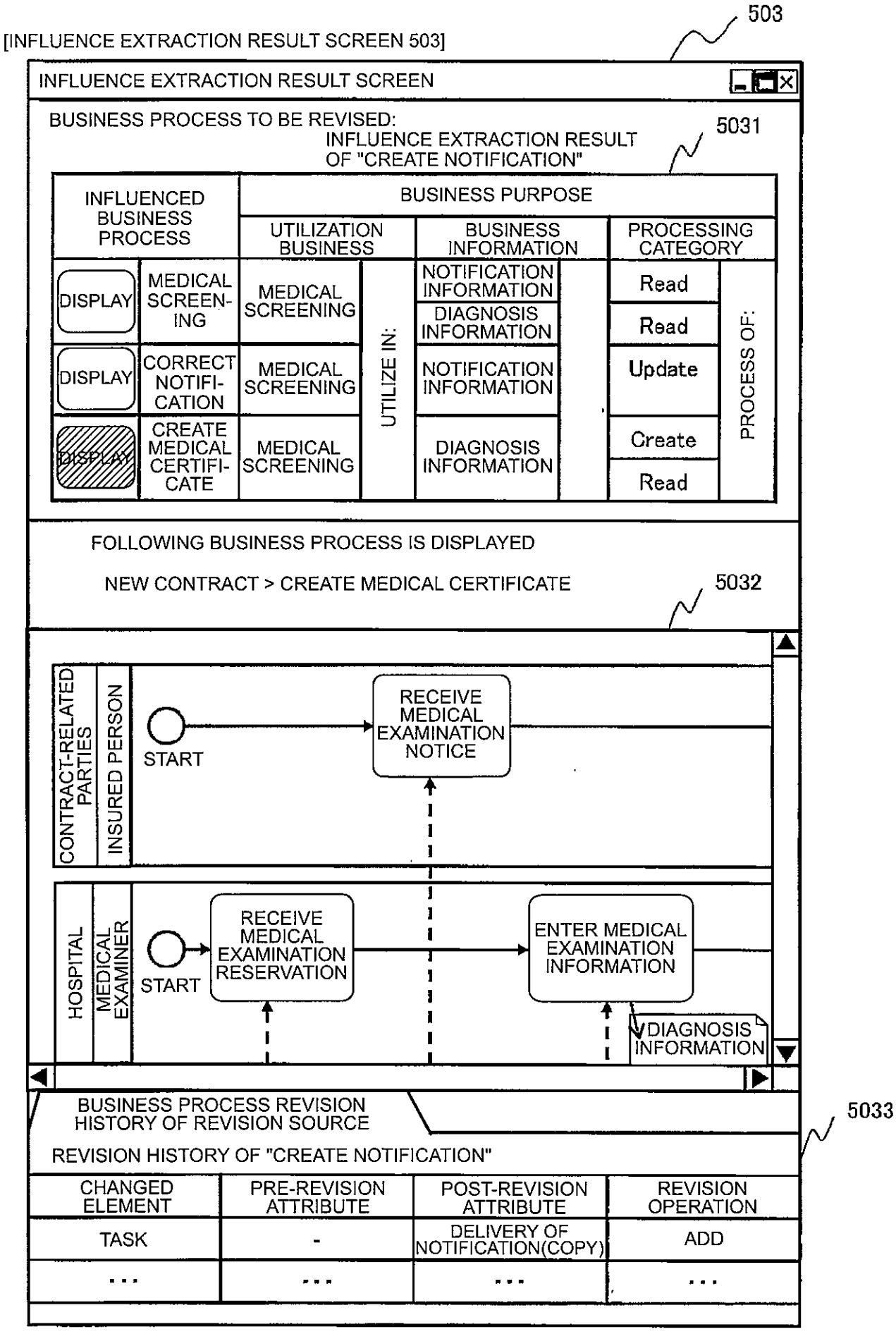

503
[INFLUENCE EXTRACTION RESULT SCREEN 503]
INFLUENCE EXTRACTION RESULT SCREEN
BUSINESS PROCESS TO BE REVISED:
INFLUENCE EXTRACTION RESULT OF "CREATE NOTIFICATION"
5031
INFLUENCED BUSINESS PROCESS
BUSINESS PURPOSE
UTILIZATION BUSINESS
BUSINESS INFORMATION
PROCESSING CATEGORY
DISPLAY
MEDICAL SCREEN-ING
MEDICAL SCREENING
NOTIFICATION INFORMATION
Read
DIAGNOSIS INFORMATION
Read
DISPLAY
CORRECT NOTIFI-CATION
MEDICAL SCREENING
NOTIFICATION INFORMATION
Update
DISPLAY
CREATE MEDICAL CERTIFI-CATE
MEDICAL SCREENING
DIAGNOSIS INFORMATION
Create
Read
UTILIZE IN:
PROCESS OF:
FOLLOWING BUSINESS PROCESS IS DISPLAYED
NEW CONTRACT > CREATE MEDICAL CERTIFICATE
5032
CONTRACT-RELATED PARTIES
INSURED PERSON
START
RECEIVE MEDICAL EXAMINATION NOTICE
HOSPITAL
MEDICAL EXAMINER
START
RECEIVE MEDICAL EXAMINATION RESERVATION
ENTER MEDICAL EXAMINATION INFORMATION
DIAGNOSIS INFORMATION
BUSINESS PROCESS REVISION HISTORY OF REVISION SOURCE
5033
REVISION HISTORY OF "CREATE NOTIFICATION"
CHANGED ELEMENT
PRE-REVISION ATTRIBUTE
POST-REVISION ATTRIBUTE
REVISION OPERATION
TASK
-
DELIVERY OF NOTIFICATION(COPY)
ADD
...
...
...
...

FIG.19

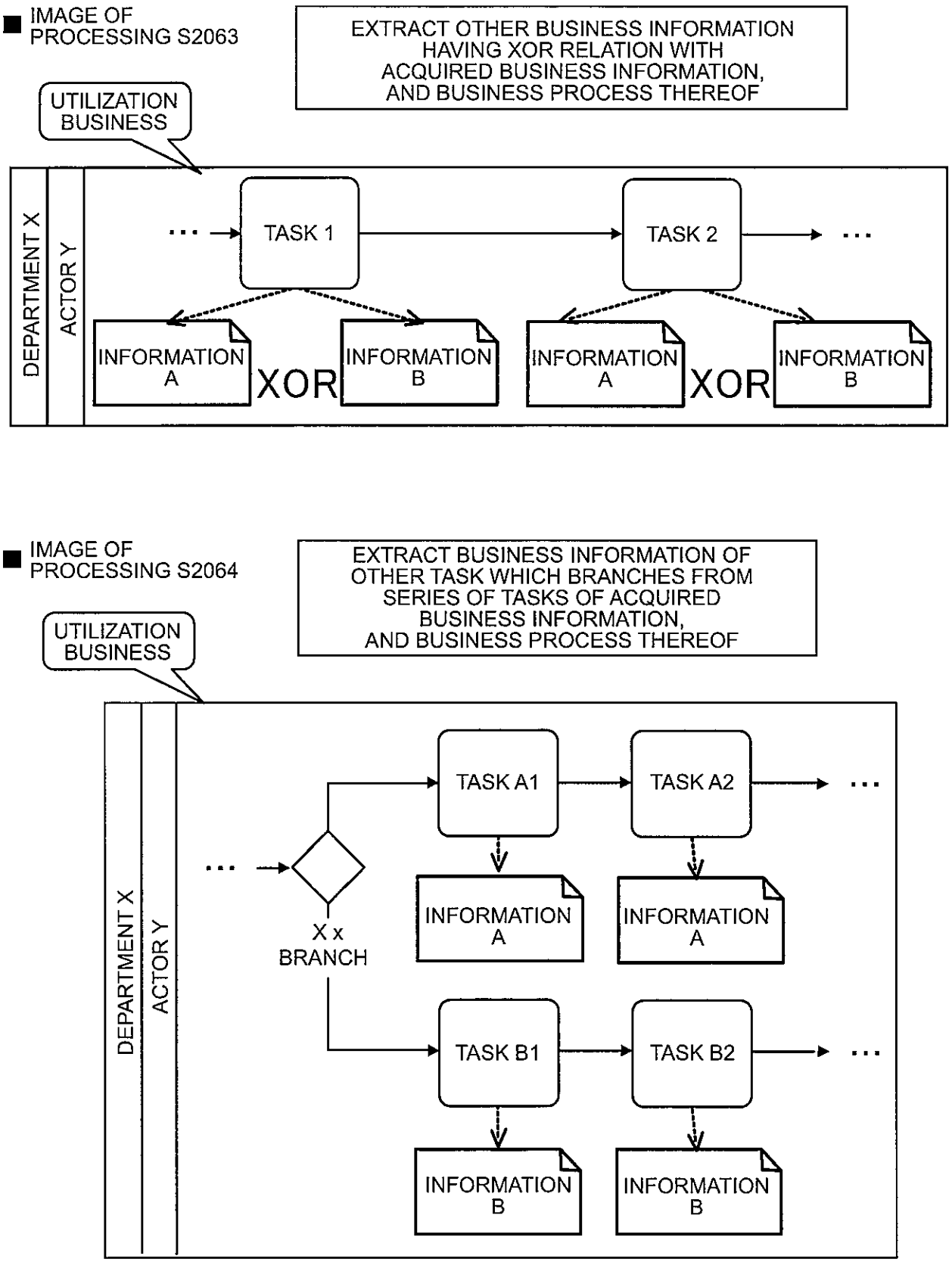

■ IMAGE OF PROCESSING S2063
EXTRACT OTHER BUSINESS INFORMATION HAVING XOR RELATION WITH ACQUIRED BUSINESS INFORMATION, AND BUSINESS PROCESS THEREOF
UTILIZATION BUSINESS
DEPARTMENT X
ACTOR Y
TASK 1
TASK 2
INFORMATION A
XOR
INFORMATION B
INFORMATION A
XOR
INFORMATION B
■ IMAGE OF PROCESSING S2064
EXTRACT BUSINESS INFORMATION OF OTHER TASK WHICH BRANCHES FROM SERIES OF TASKS OF ACQUIRED BUSINESS INFORMATION, AND BUSINESS PROCESS THEREOF
UTILIZATION BUSINESS
DEPARTMENT X
ACTOR Y
TASK A1
TASK A2
X x BRANCH
INFORMATION A
INFORMATION A
TASK B1
TASK B2
INFORMATION B
INFORMATION B

FIG.20

[GENERAL PROCESS: NEW CONTRACT]

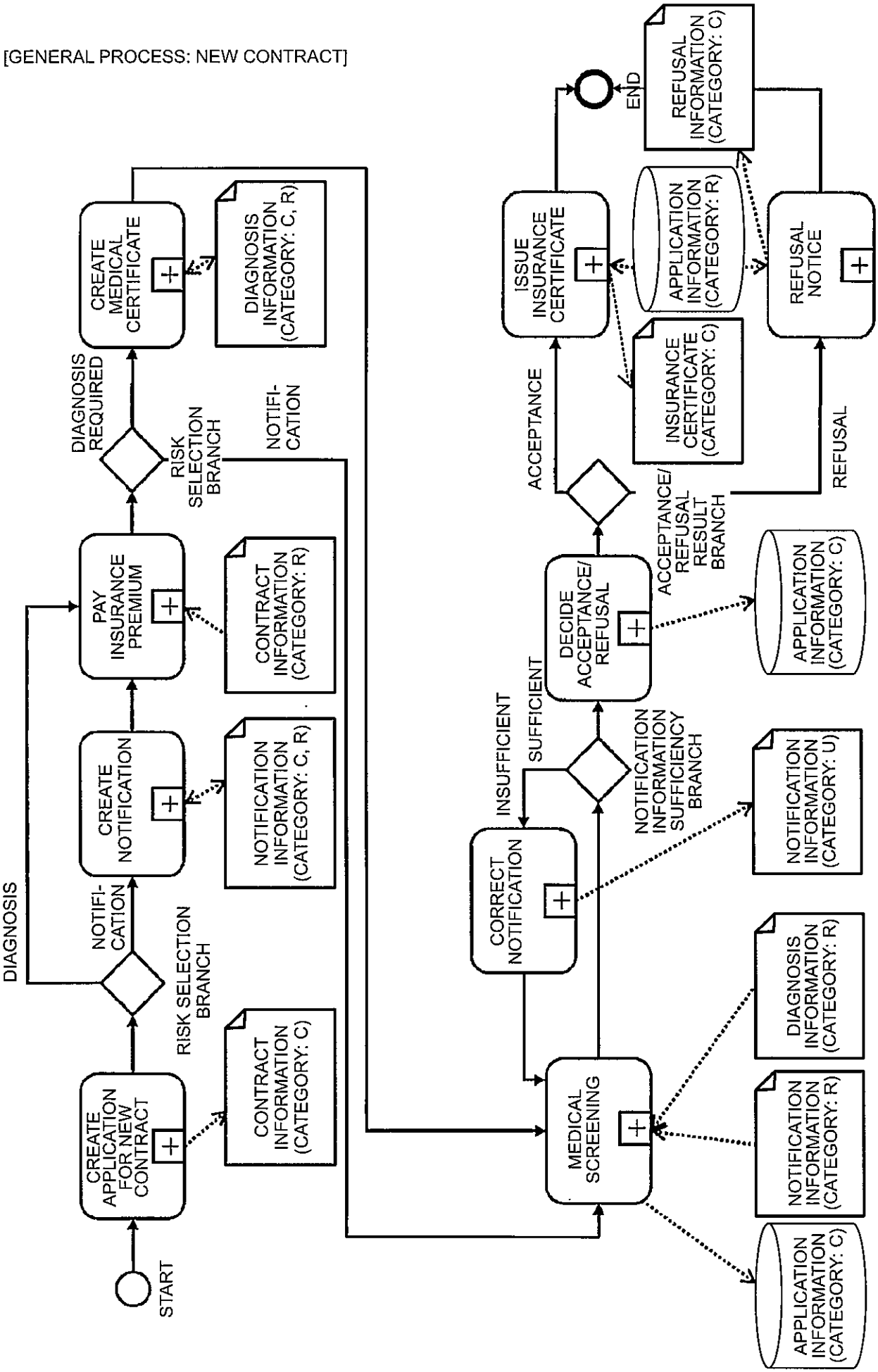


FIG.21

[BUSINESS PROCESS: CREATE NOTIFICATION]

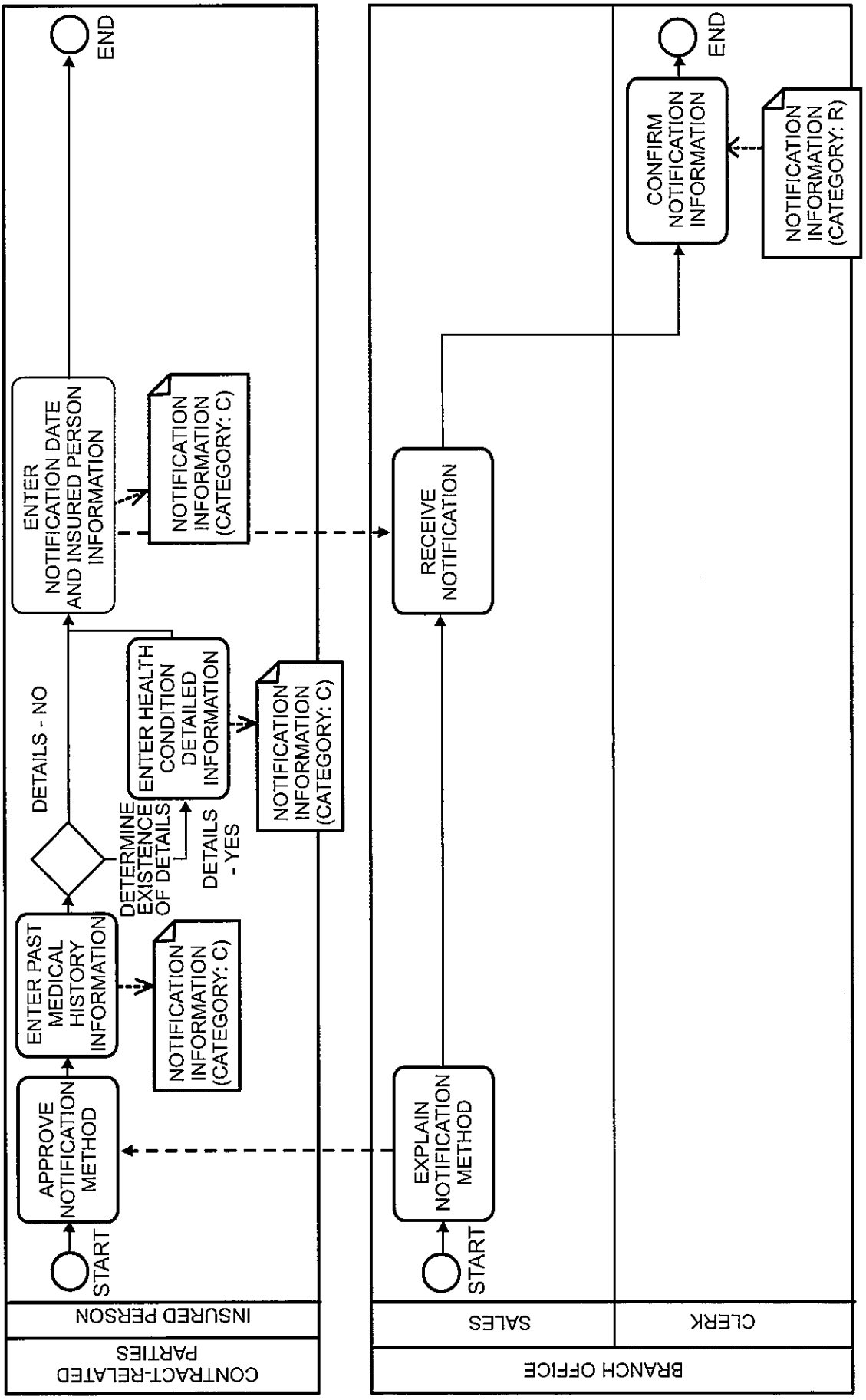


FIG.22

[BUSINESS PROCESS: CREATE MEDICAL CERTIFICATE]

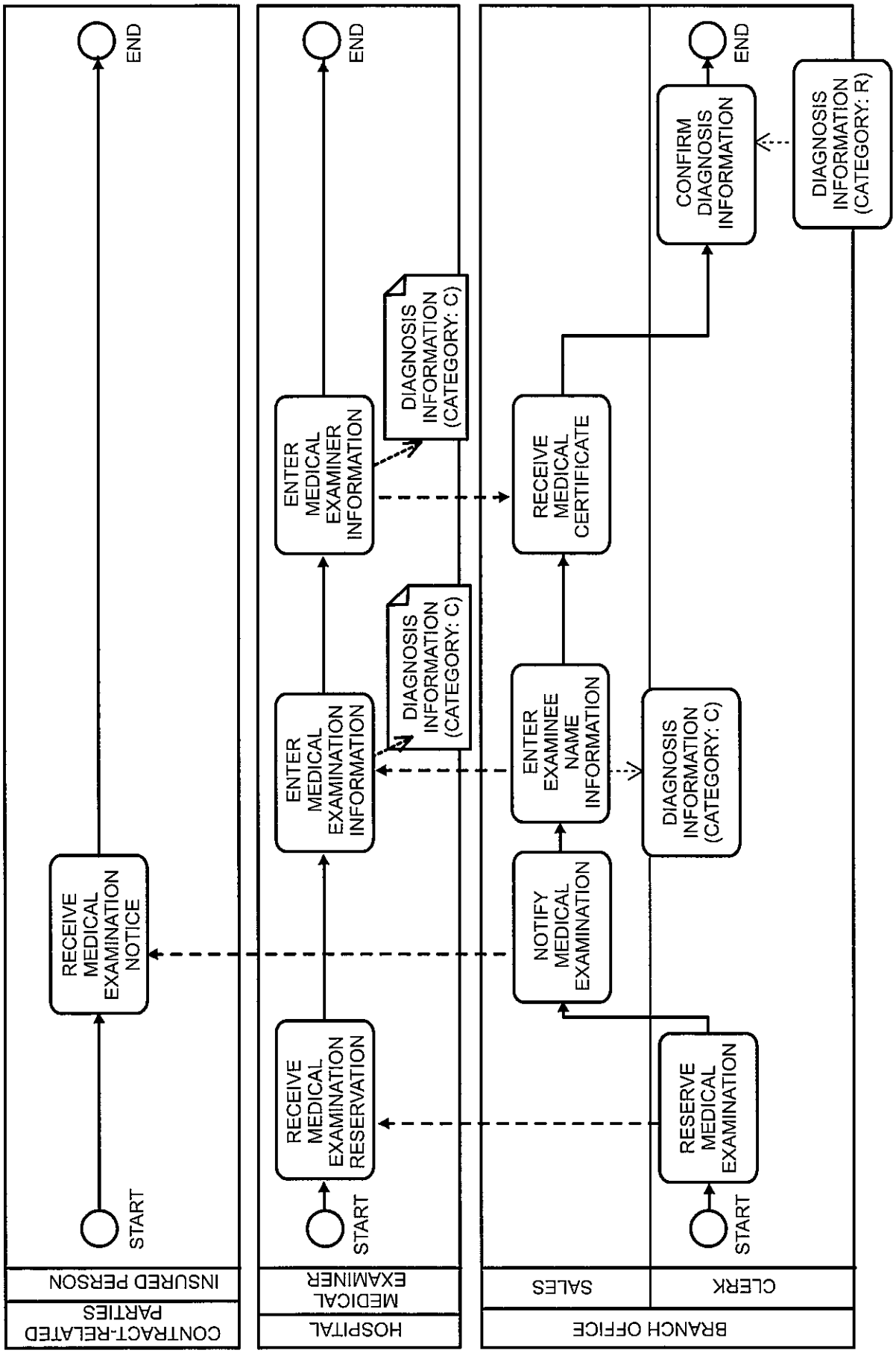


FIG.23

[BUSINESS PROCESS: MEDICAL SCREENING]

