

1/22

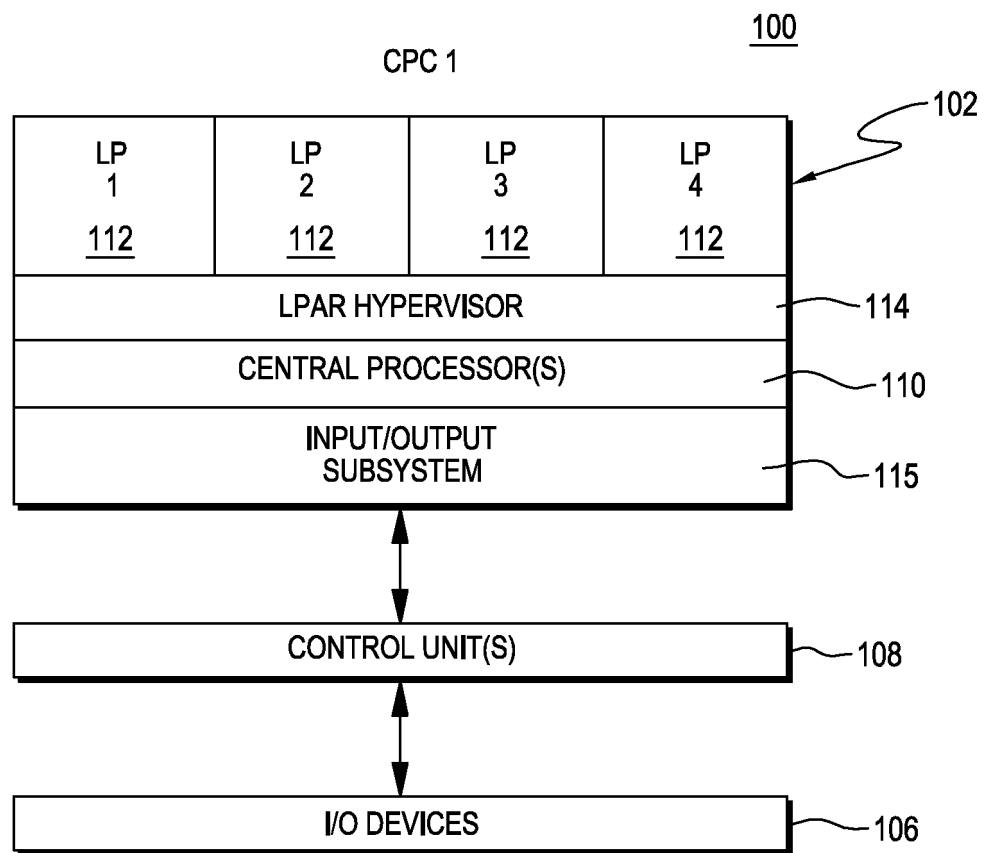


FIG. 1

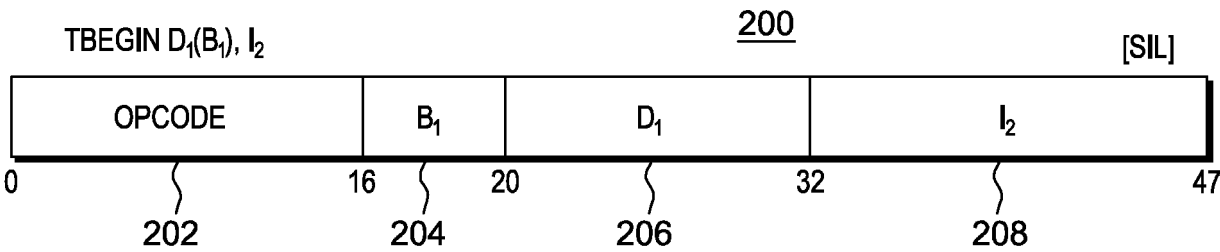


FIG. 2A

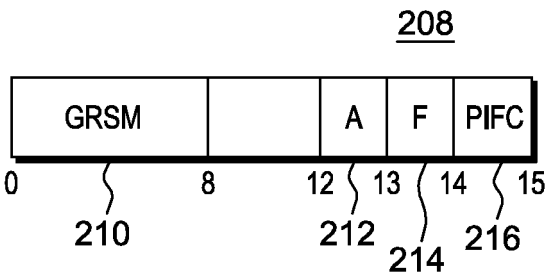


FIG. 2B

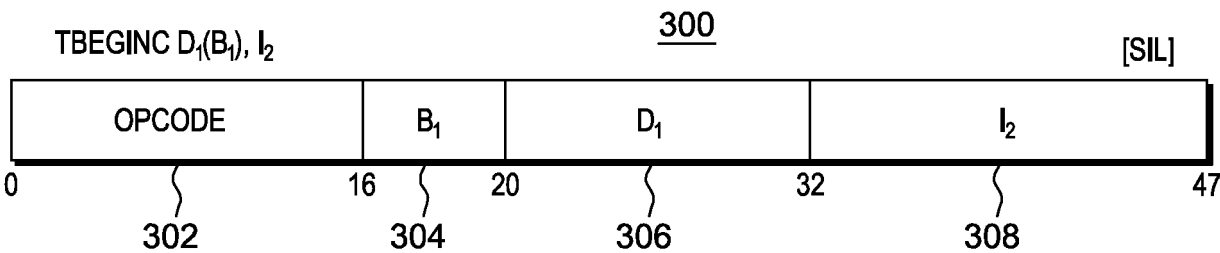


FIG. 3A

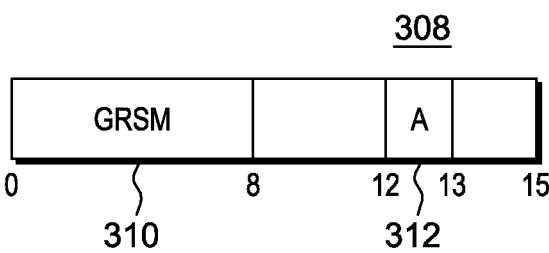


FIG. 3B

3/22

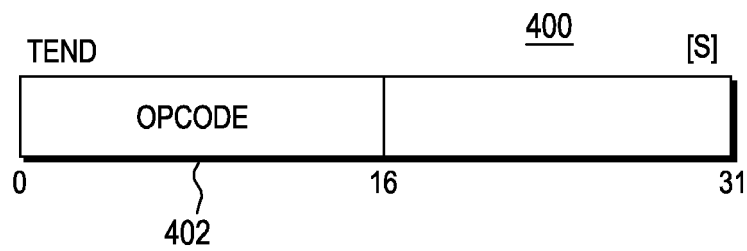


FIG. 4

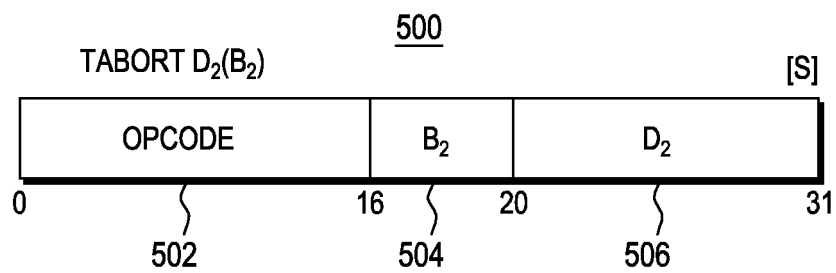


FIG. 5

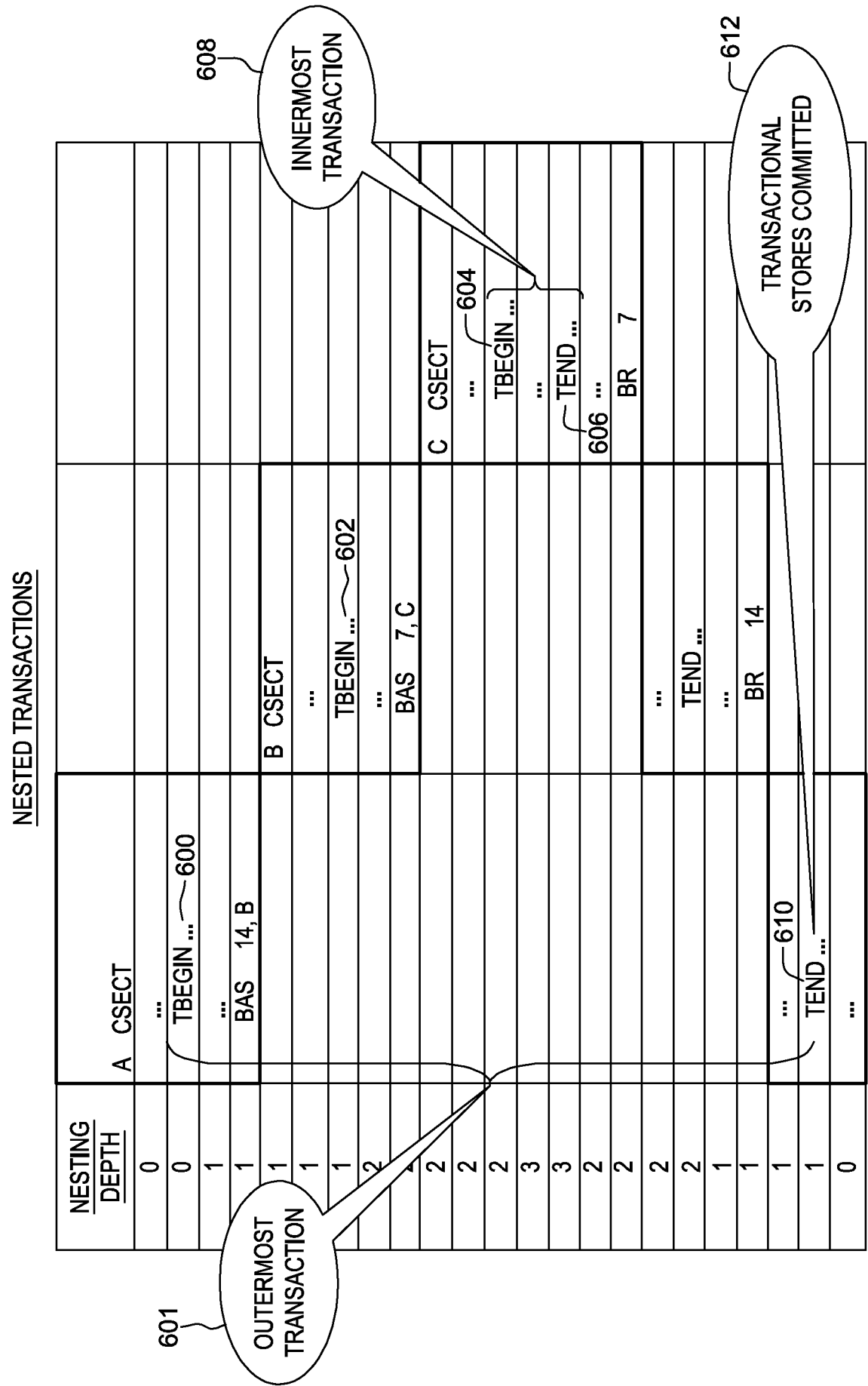


FIG. 6

5/22

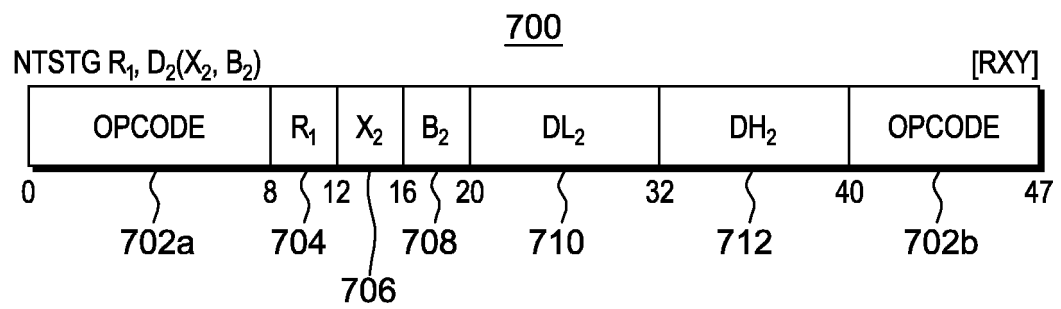


FIG. 7

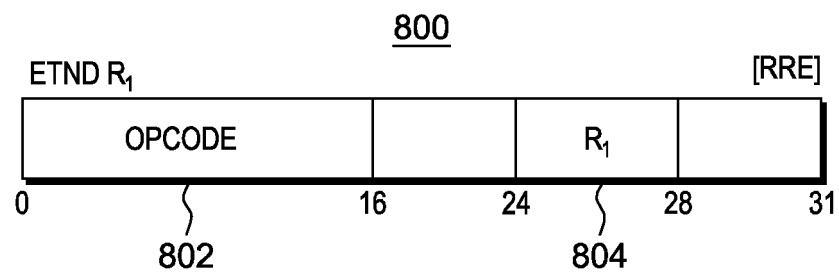


FIG. 8

6/22

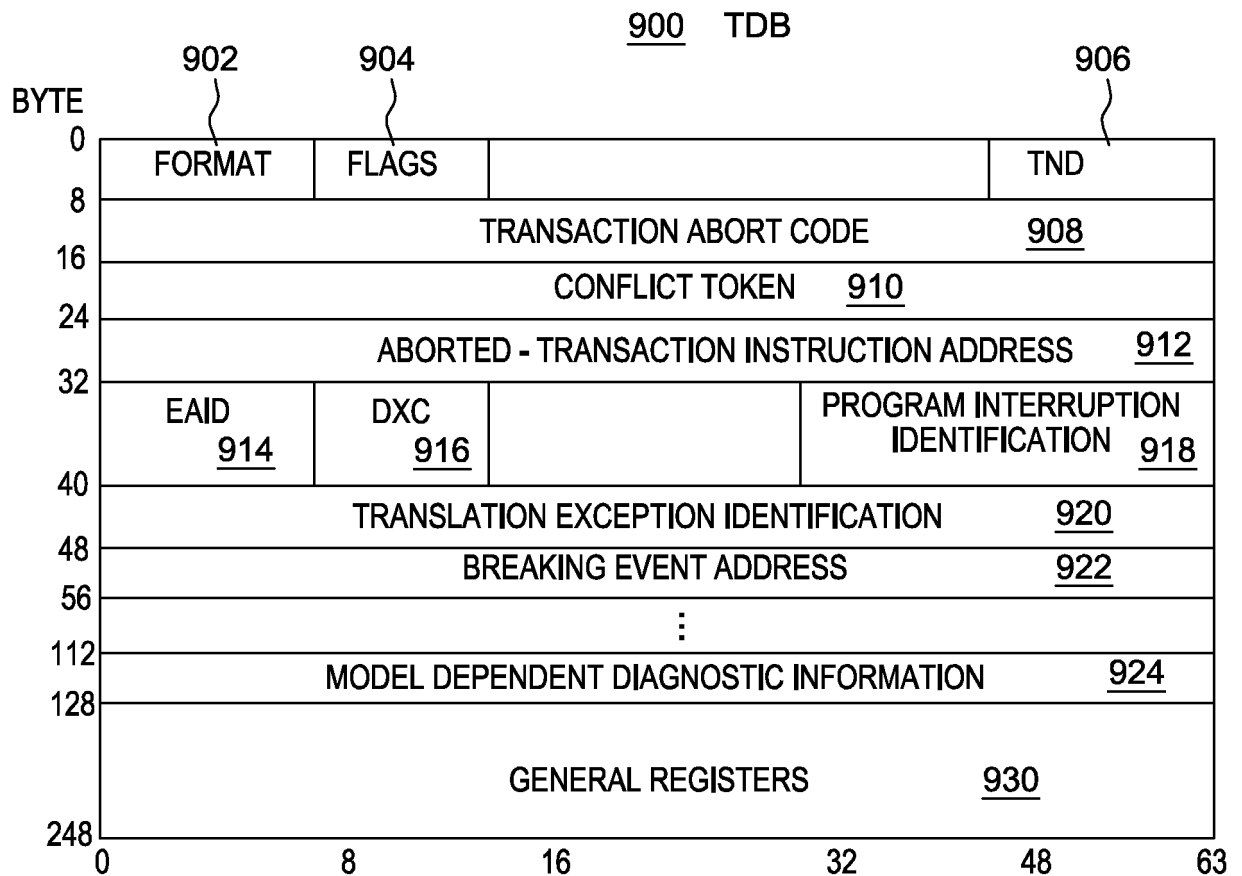


FIG. 9

7/22

CODE	REASON FOR ABORT	CC SET
2	EXTERNAL INTERRUPTION	2
4	PROGRAM INTERRUPTION (UNFILTERED)	2 OR 3 +
5	MACHINE - CHECK INTERRUPTION	2
6	I/O INTERRUPTION	2
7	FETCH OVERFLOW	2 OR 3
8	STORE OVERFLOW	2 OR 3
9	FETCH CONFLICT	2
10	STORE CONFLICT	2
11	RESTRICTED INSTRUCTION	3
12	PROGRAM EXCEPTION CONDITION (FILTERED)	3
13	NESTING DEPTH EXCEEDED	3
14	CACHE FETCH RELATED	2 OR 3
15	CACHE STORE RELATED	2 OR 3
16	CACHE OTHER	2 OR 3
255	MISCELLANEOUS CONDITION	2 OR 3
>255	TABORT INSTRUCTION	2 OR 3
‡	CANNOT BE DETERMINED; NO TDB STORED	1
EXPLANATION: + CONDITION CODE IS BASED ON INTERRUPTION CODE ‡ THIS SITUATION OCCURS WHEN A TRANSACTION ABORTS, BUT THE TDB HAS BECOME INACCESSIBLE SUBSEQUENT TO THE SUCCESSFUL EXECUTION OF THE OUTERMOST TBEGIN INSTRUCTION. NO TBEGIN SPECIFIED TDB IS STORED, AND THE CONDITION CODE IS SET TO 1.		

FIG. 10

8/22

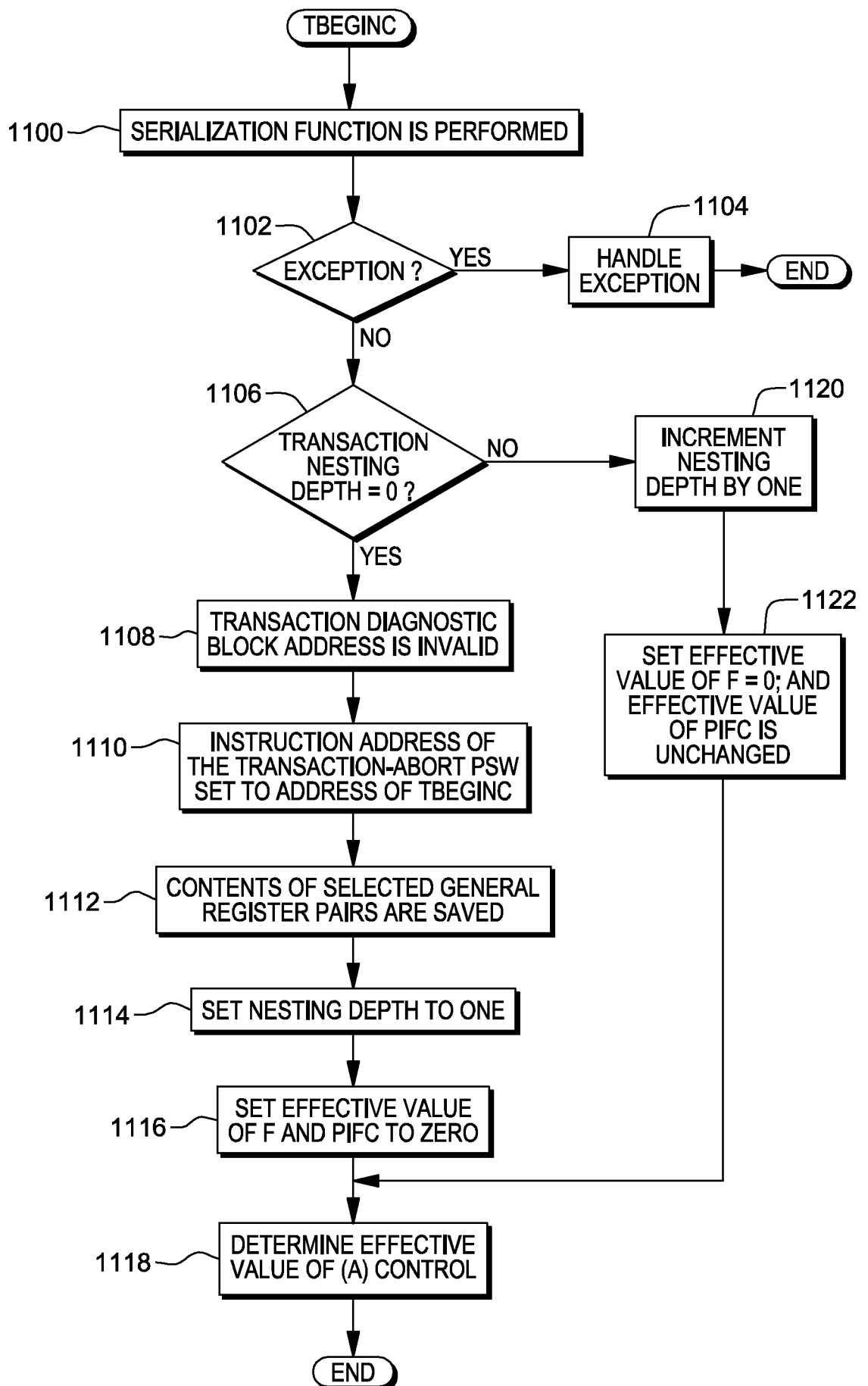


FIG. 11

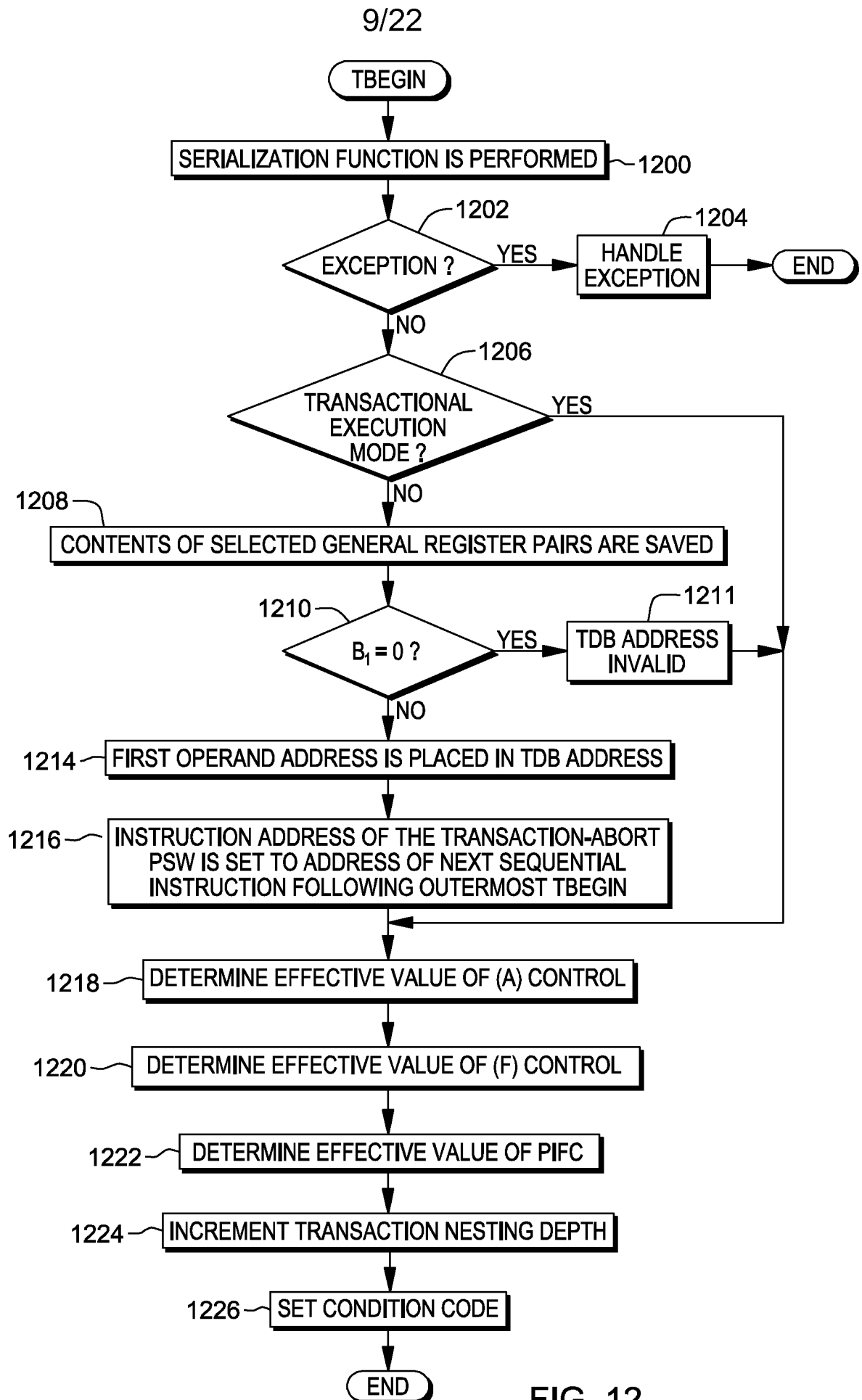


FIG. 12

10/22

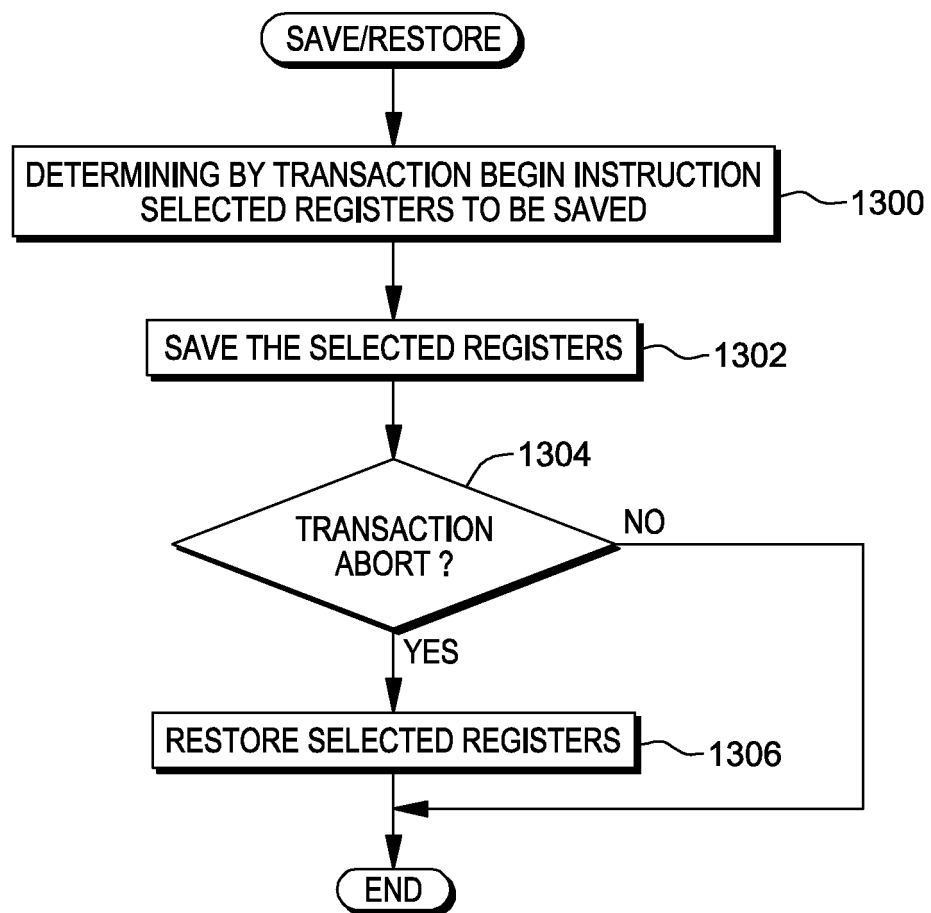


FIG. 13A

11/22

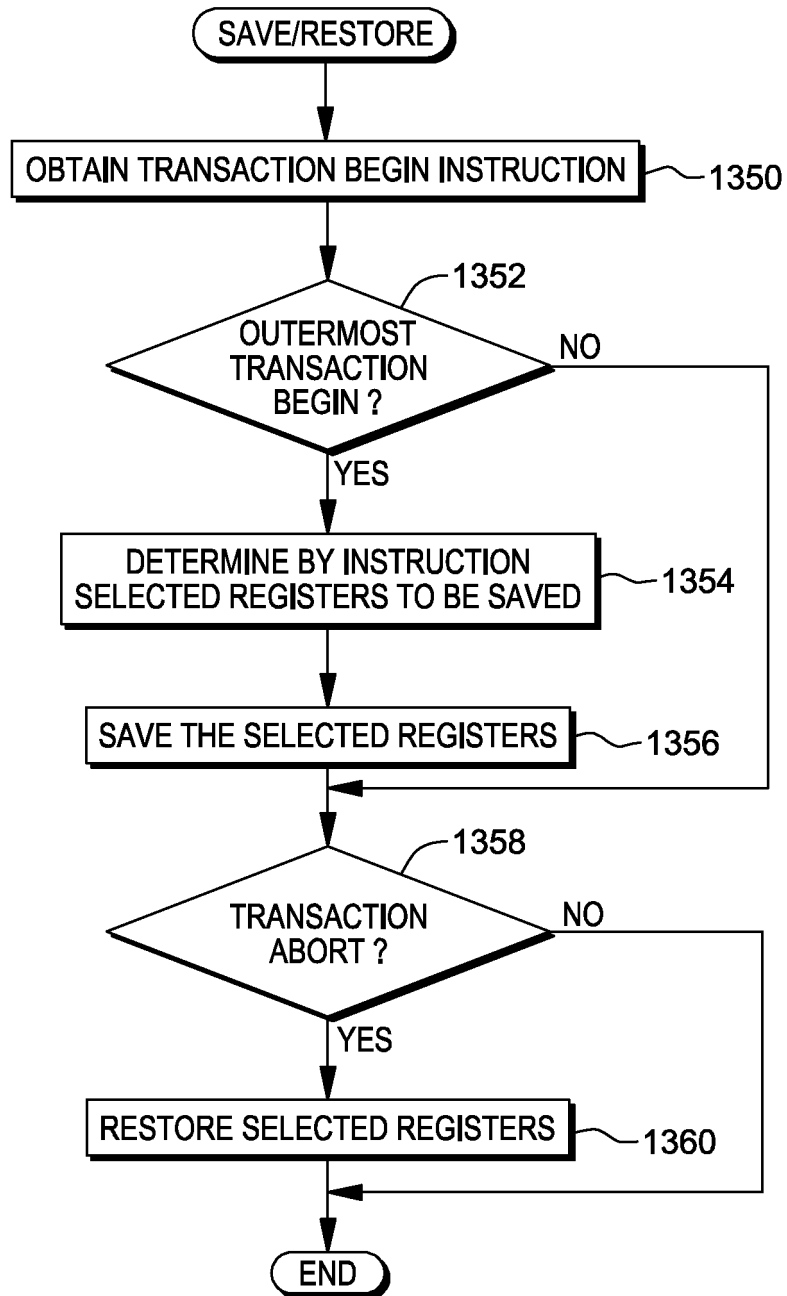


FIG. 13B

INSERTING AN ELEMENT INTO A DOUBLY-LINKED LIST (BEFORE)

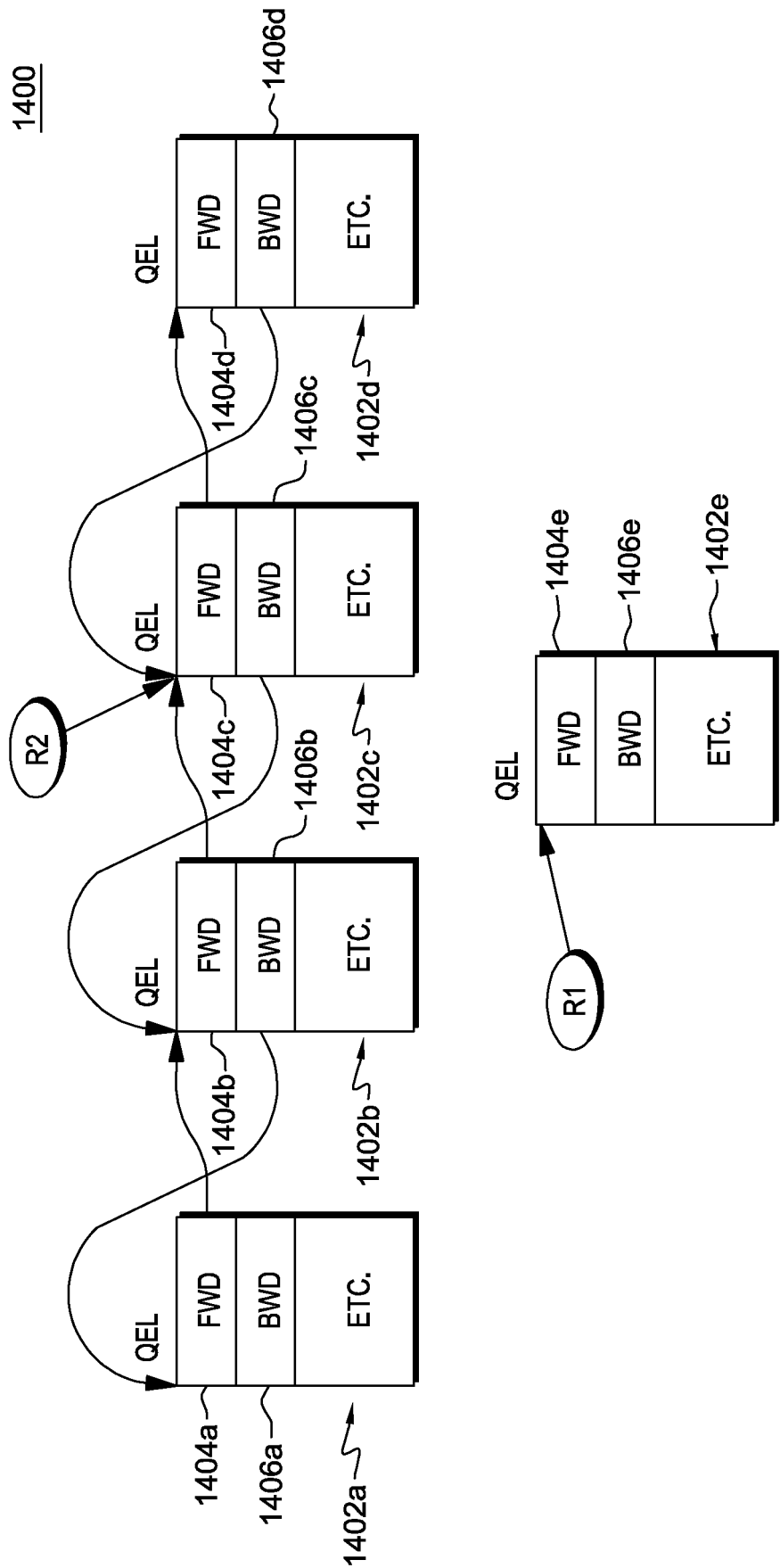


FIG. 14A

INSERTING AN ELEMENT INTO A DOUBLY-LINKED LIST (AFTER)

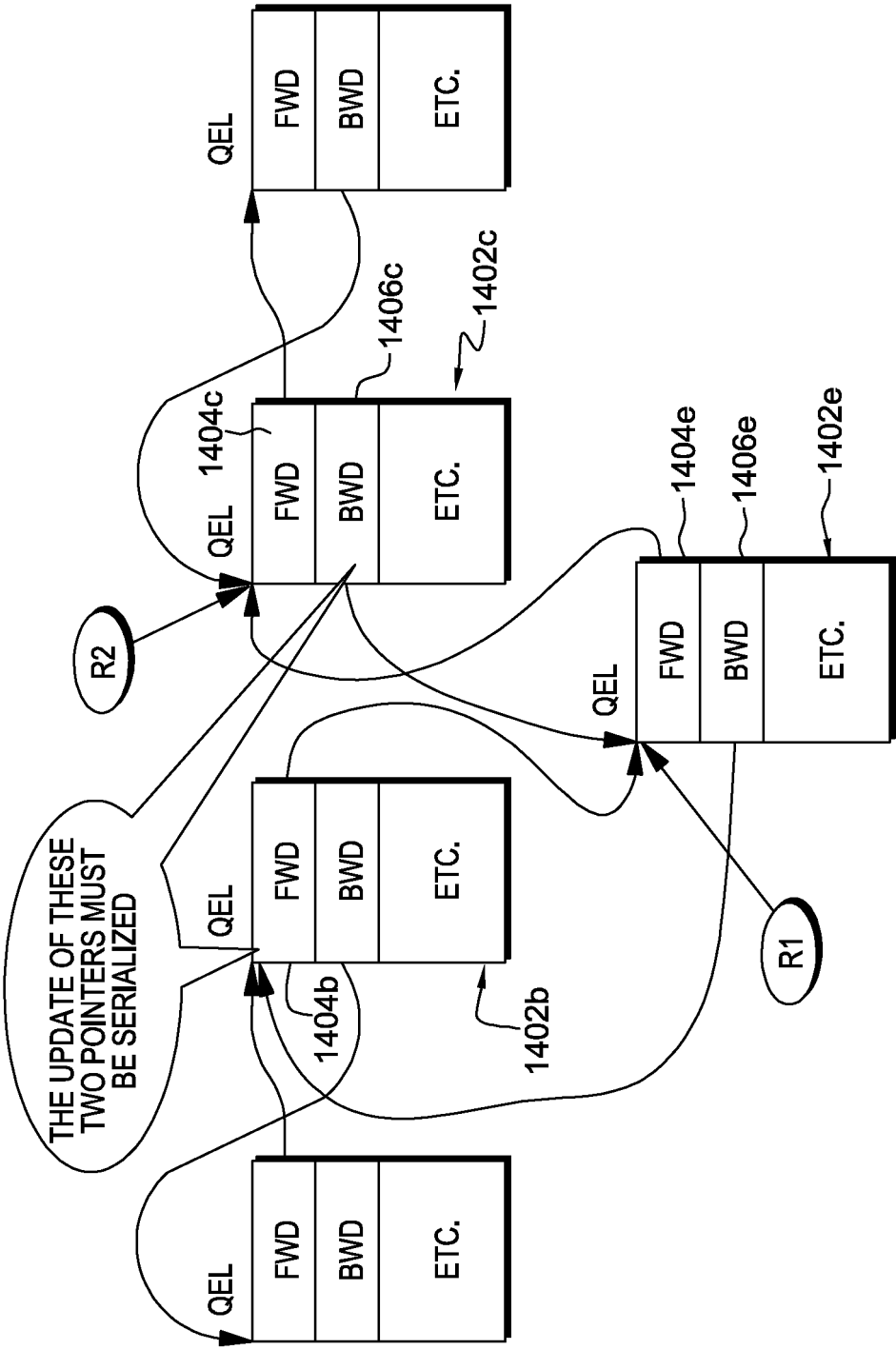


FIG. 14B

14/22

COMPUTER
PROGRAM
PRODUCT
1500

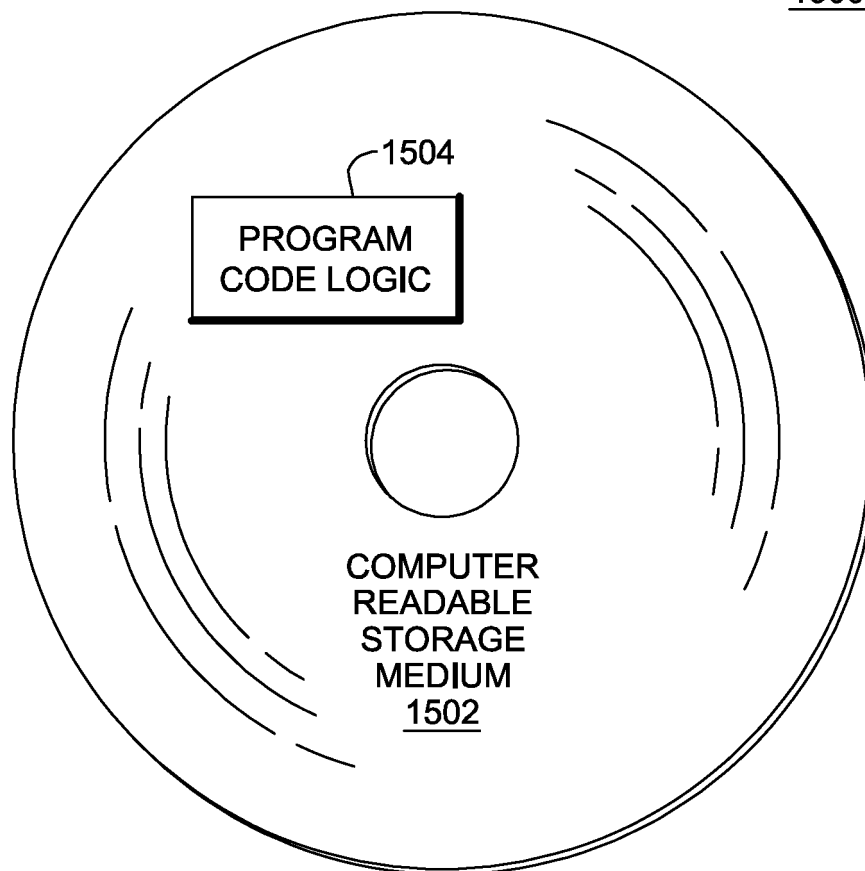


FIG. 15

15/22

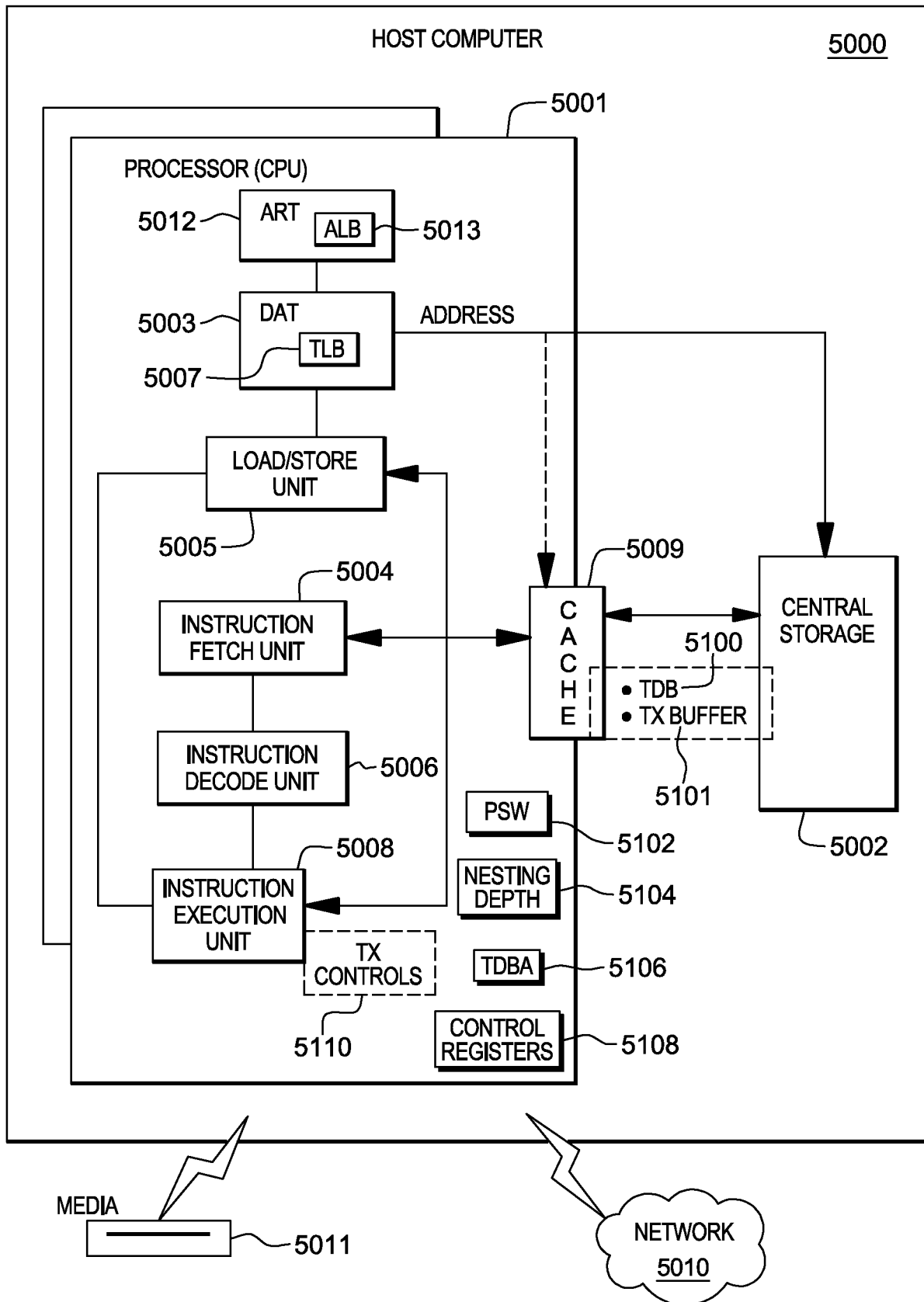


FIG. 16

16/22

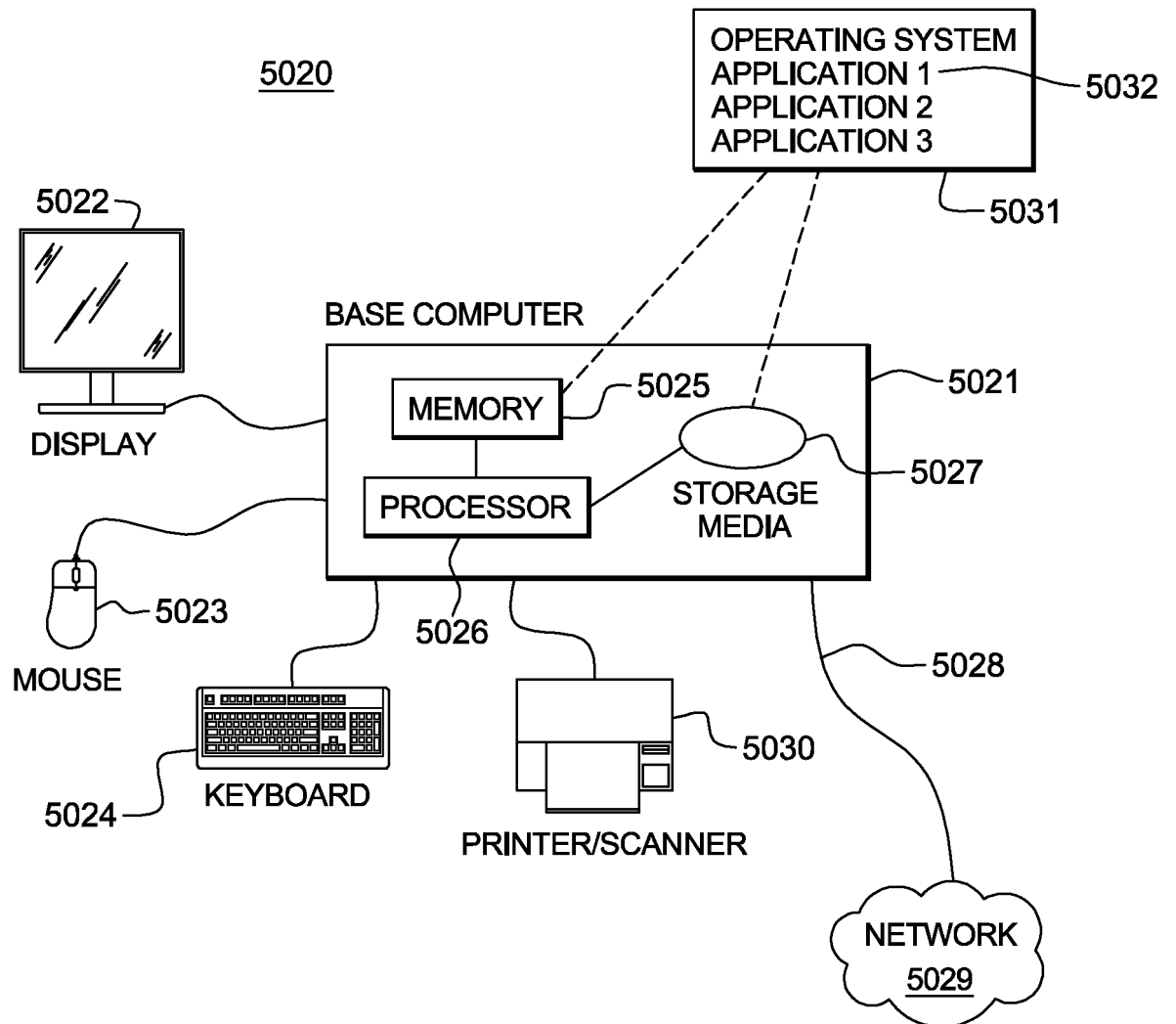


FIG. 17

17/22

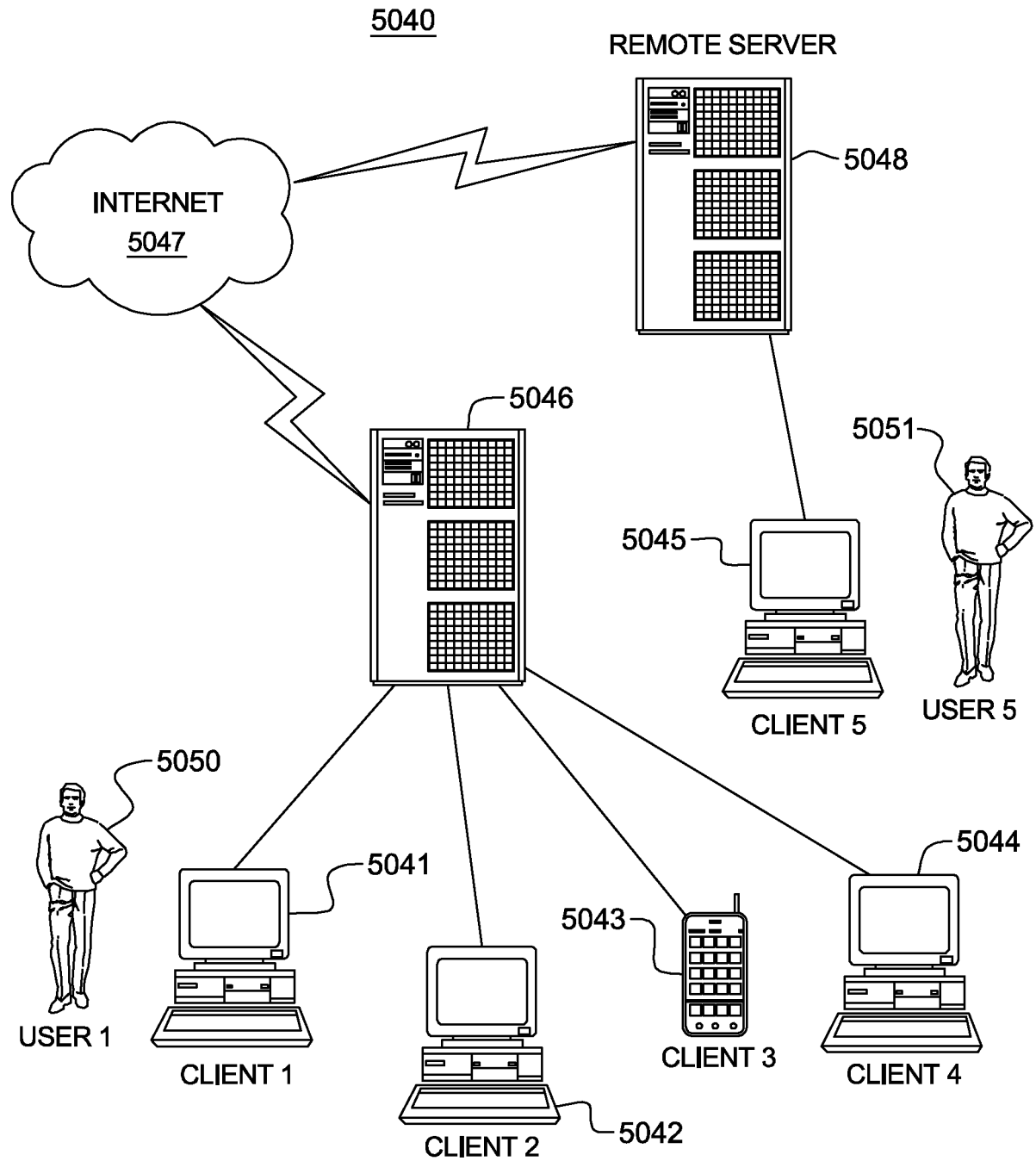


FIG. 18

18/22

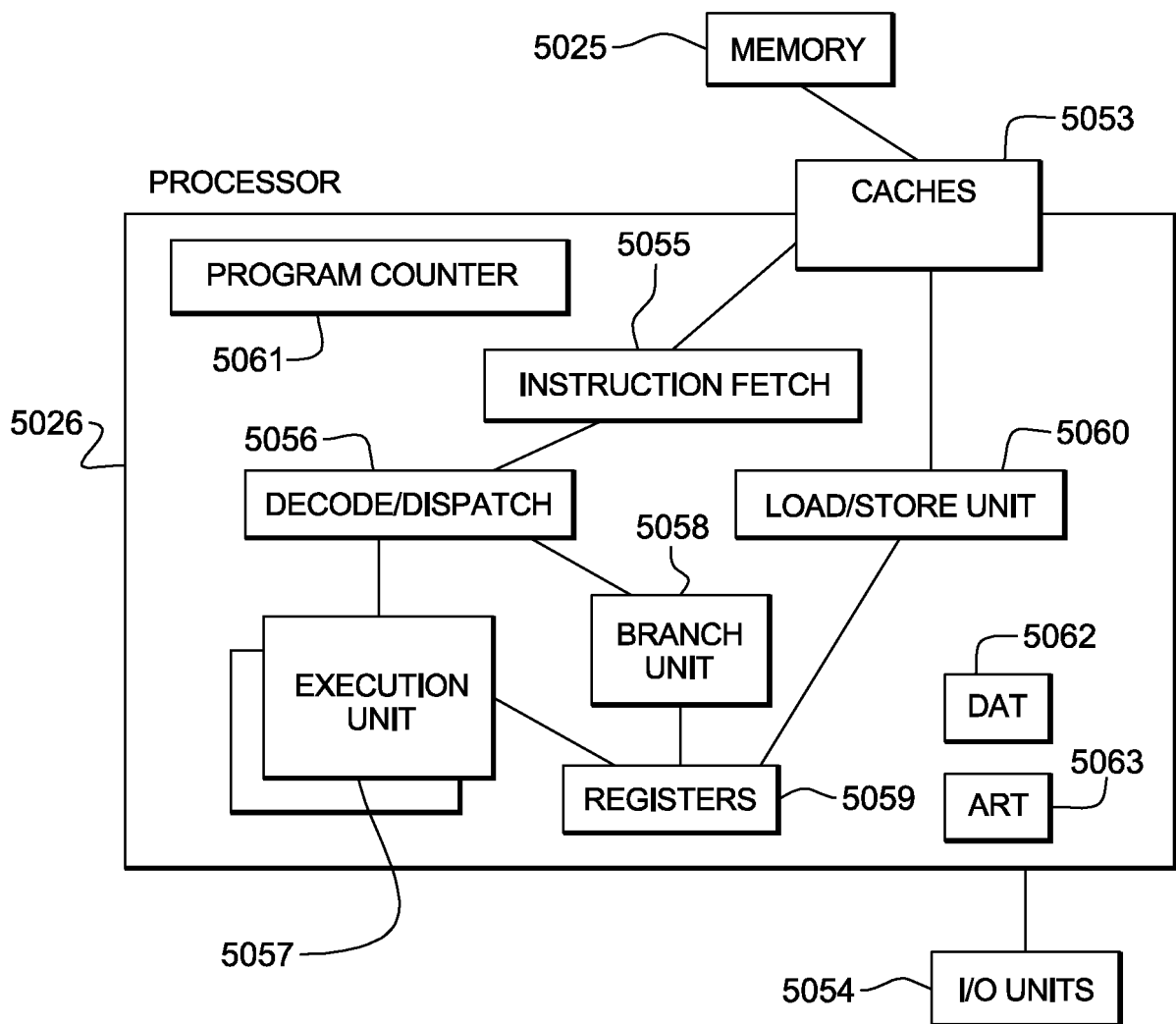


FIG. 19

19/22

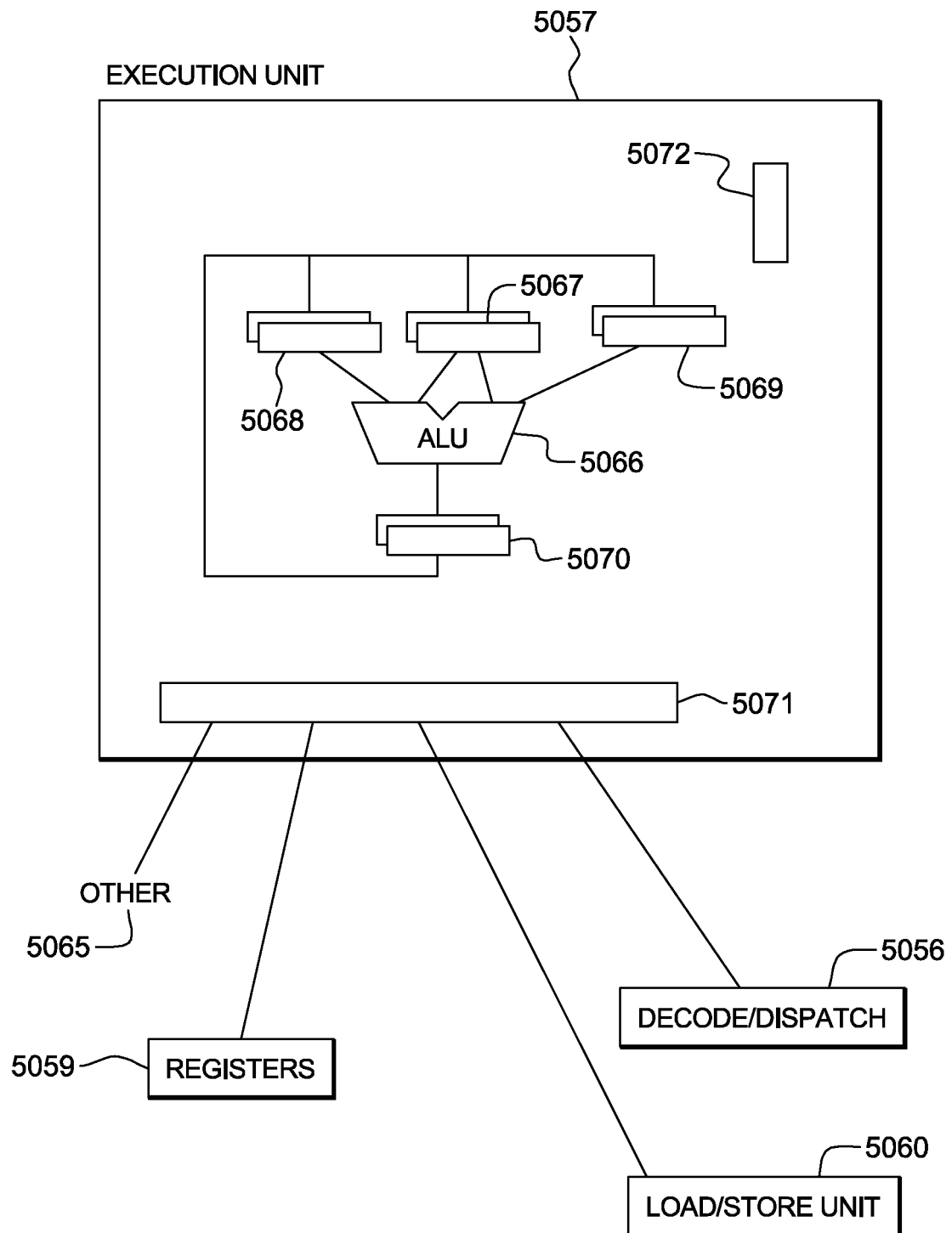


FIG. 20A

20/22

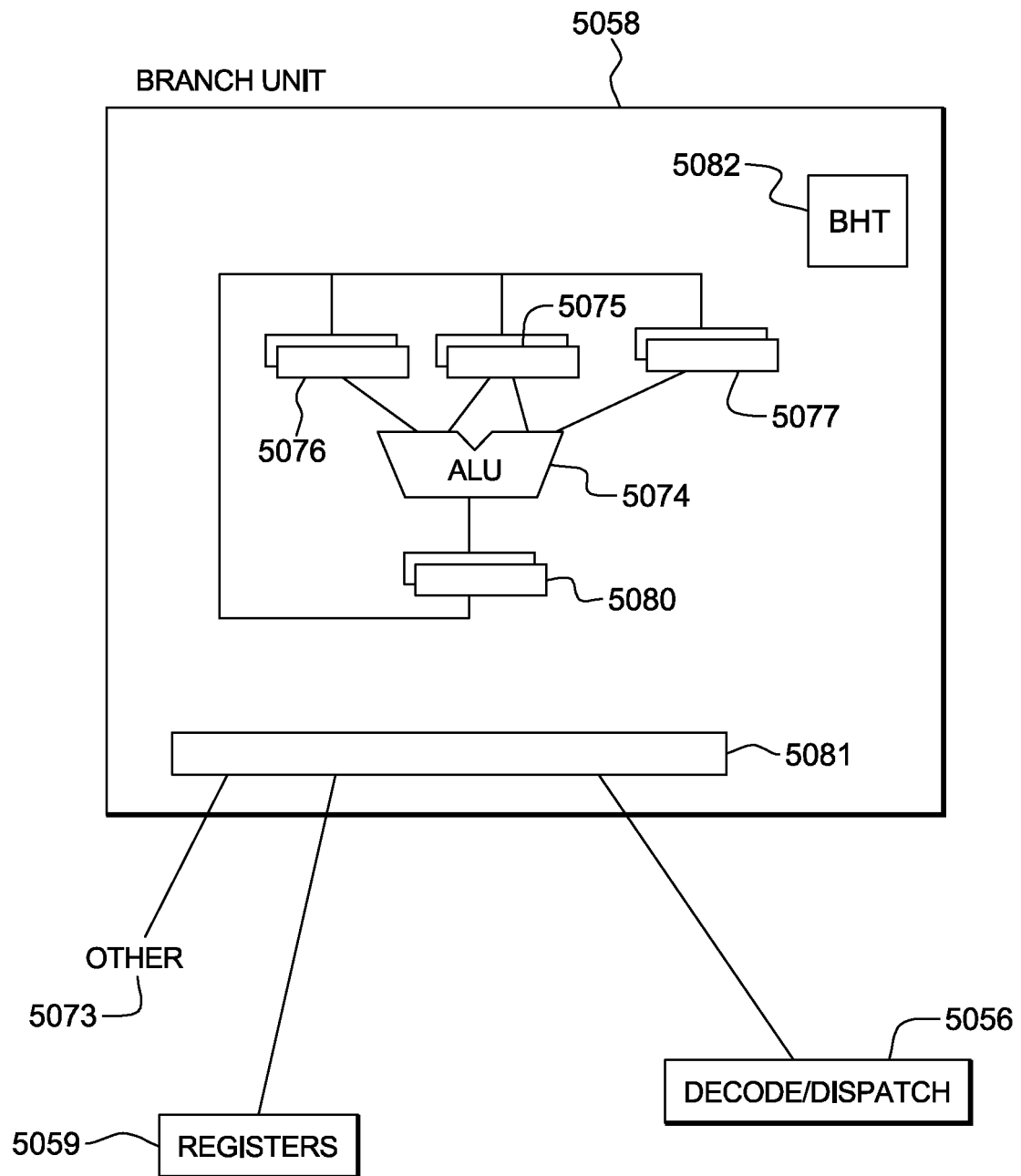


FIG. 20B

21/22

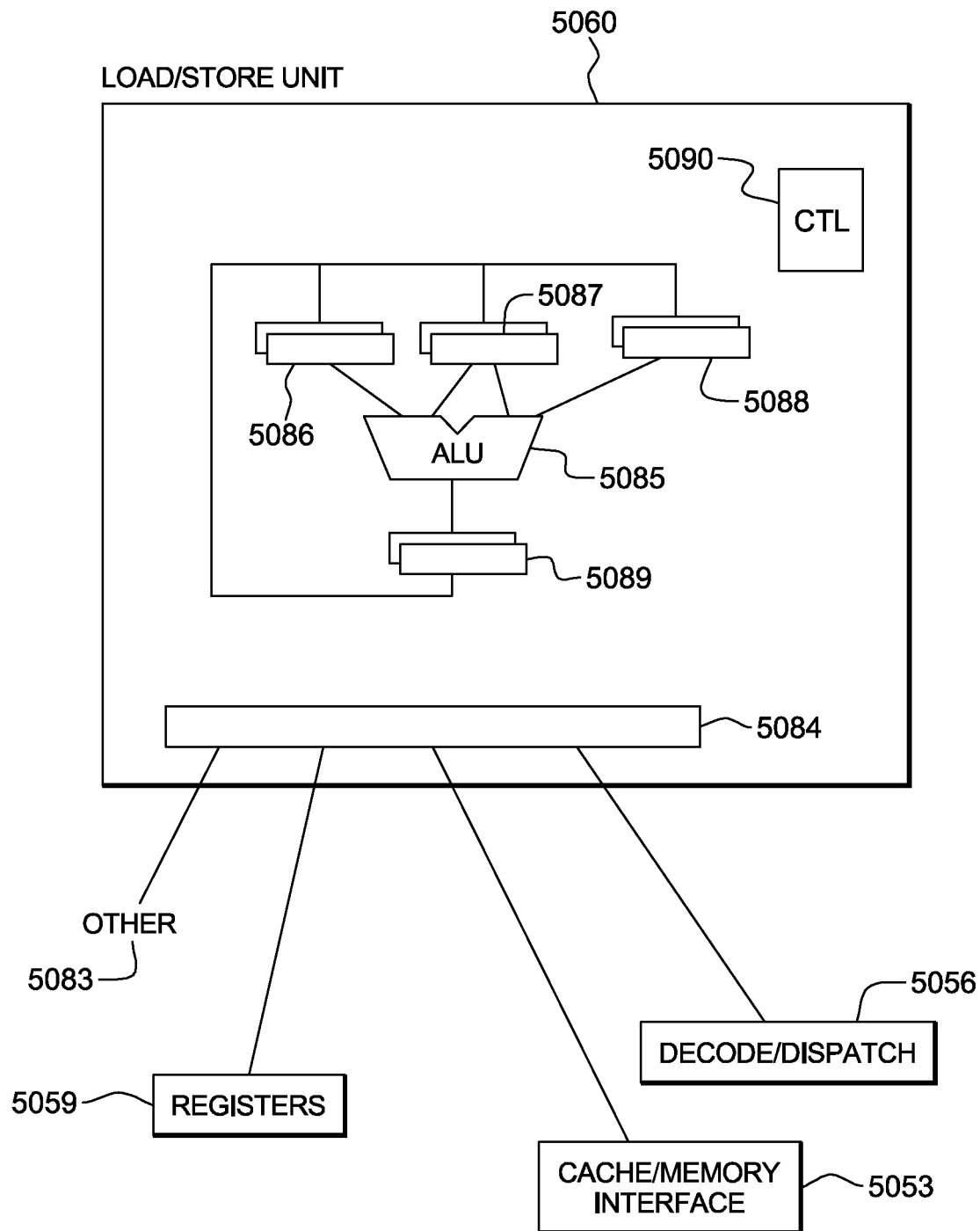


FIG. 20C

22/22

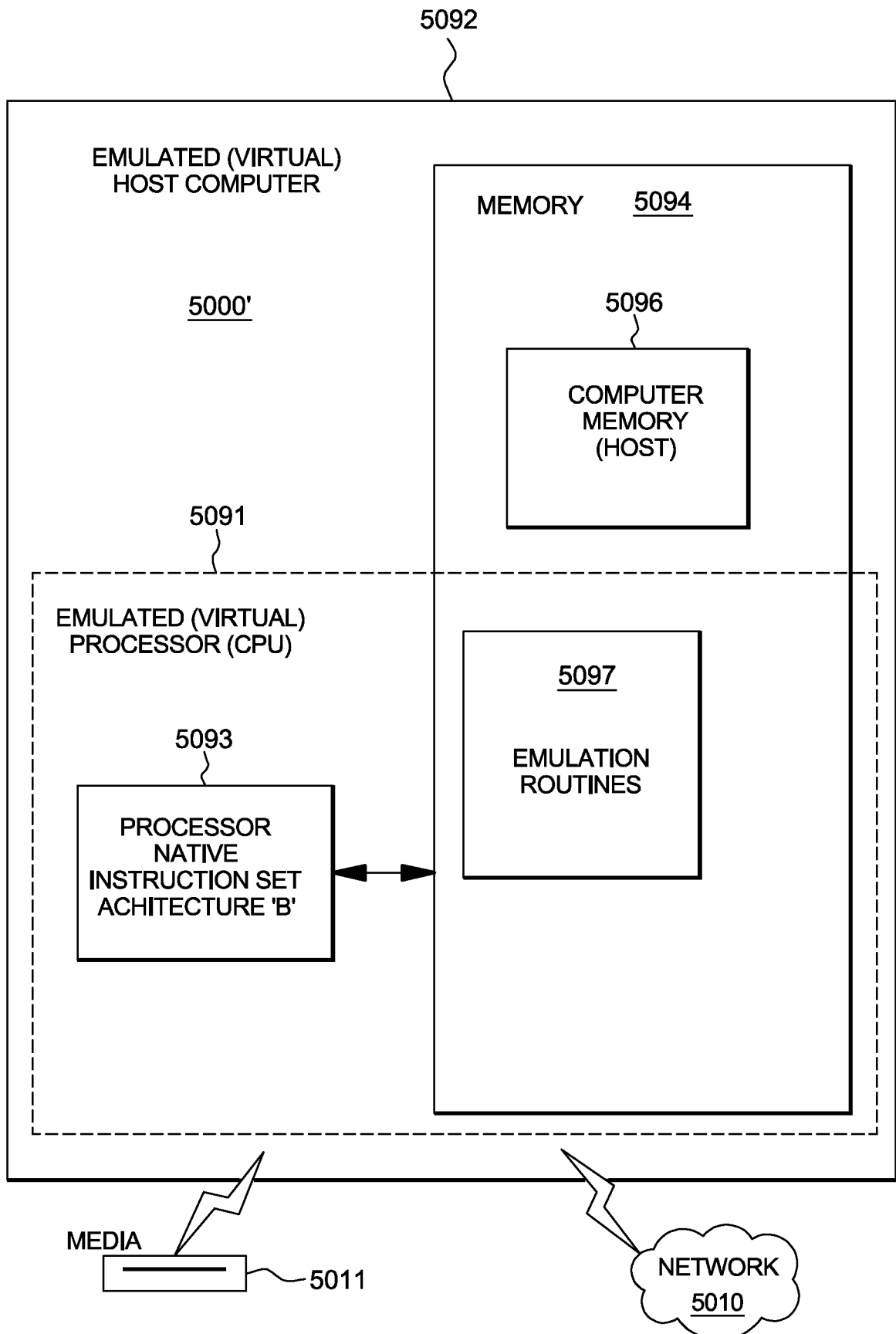


FIG. 21