

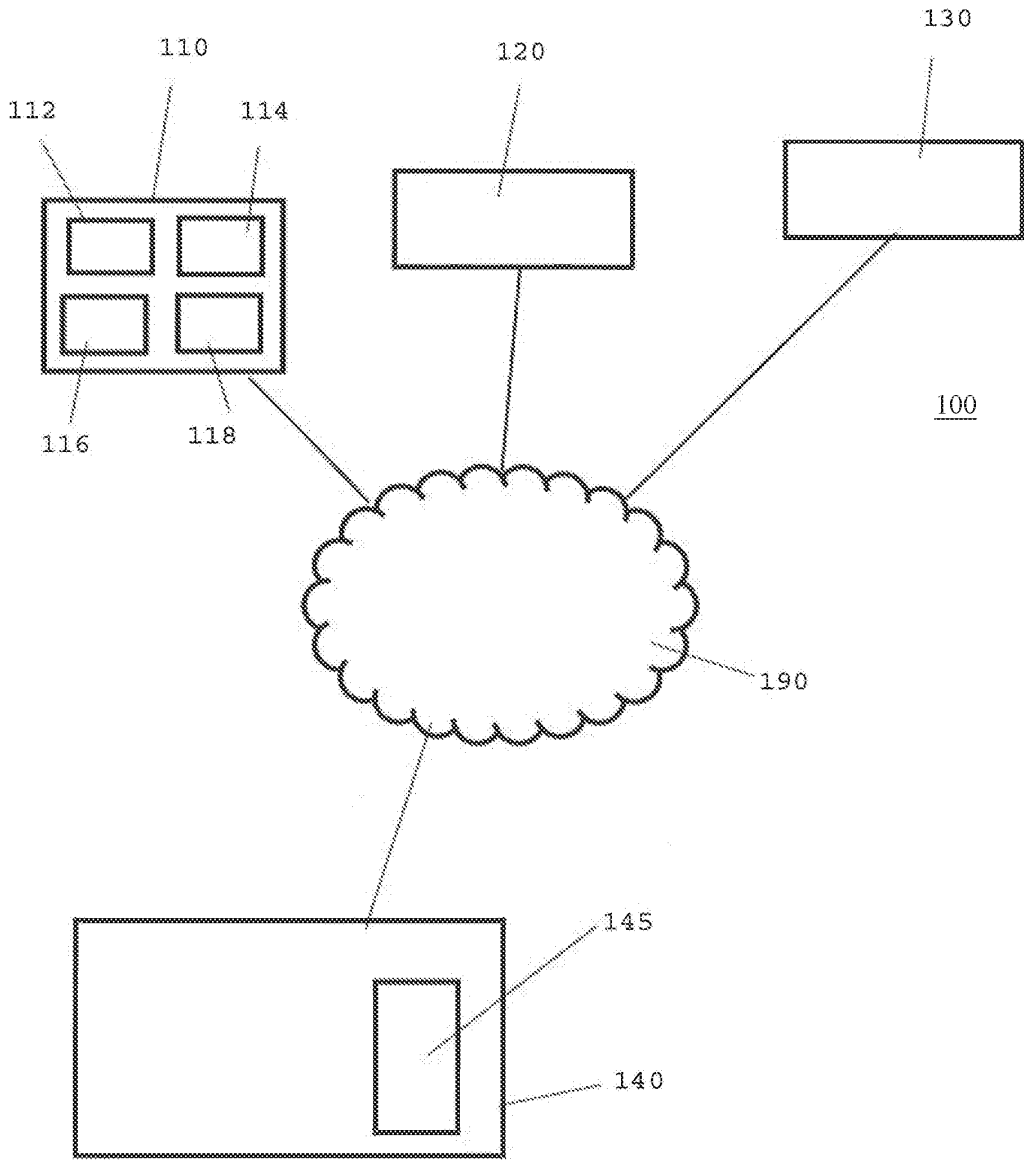


FIG. 1

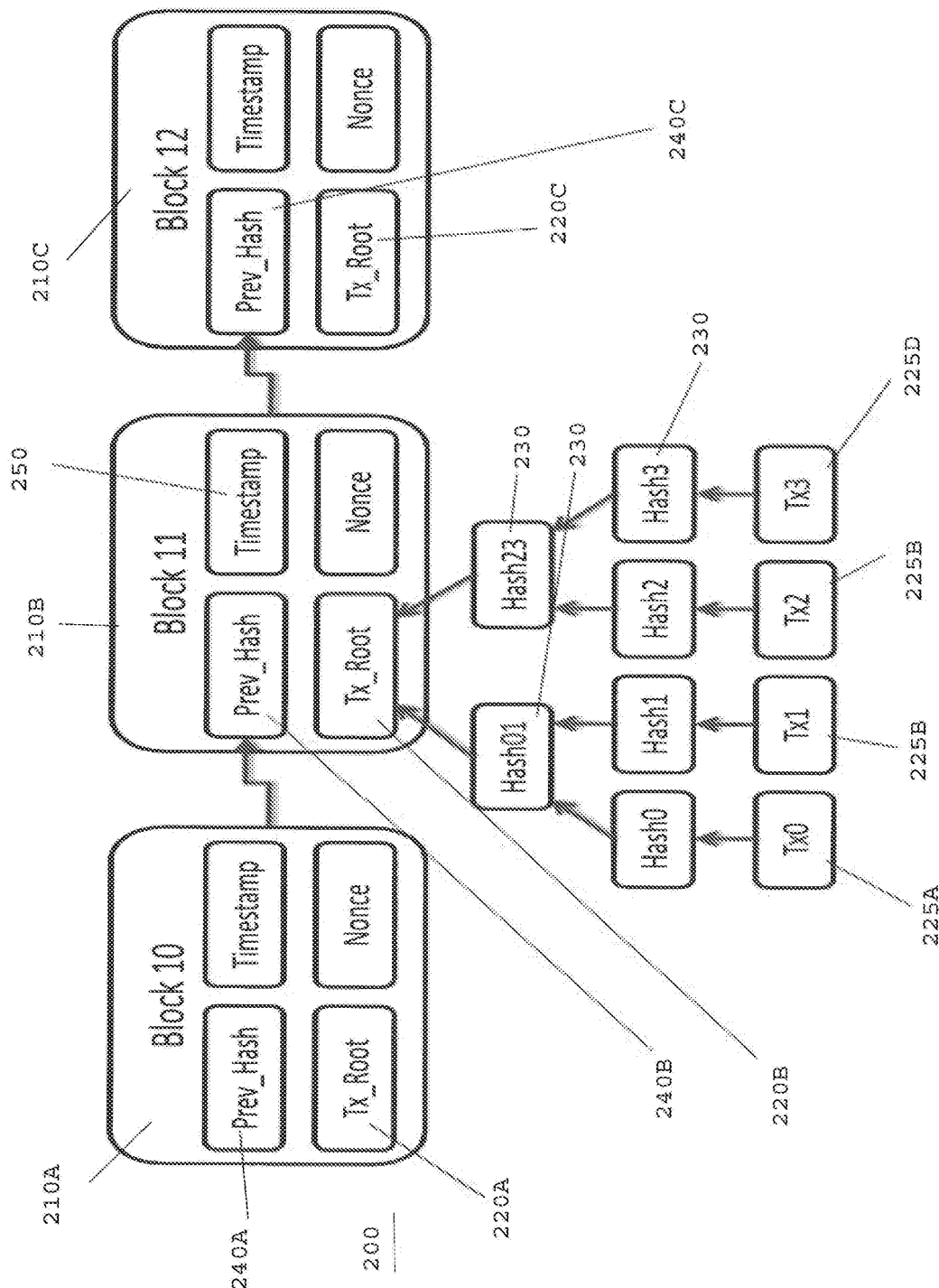


FIG. 2

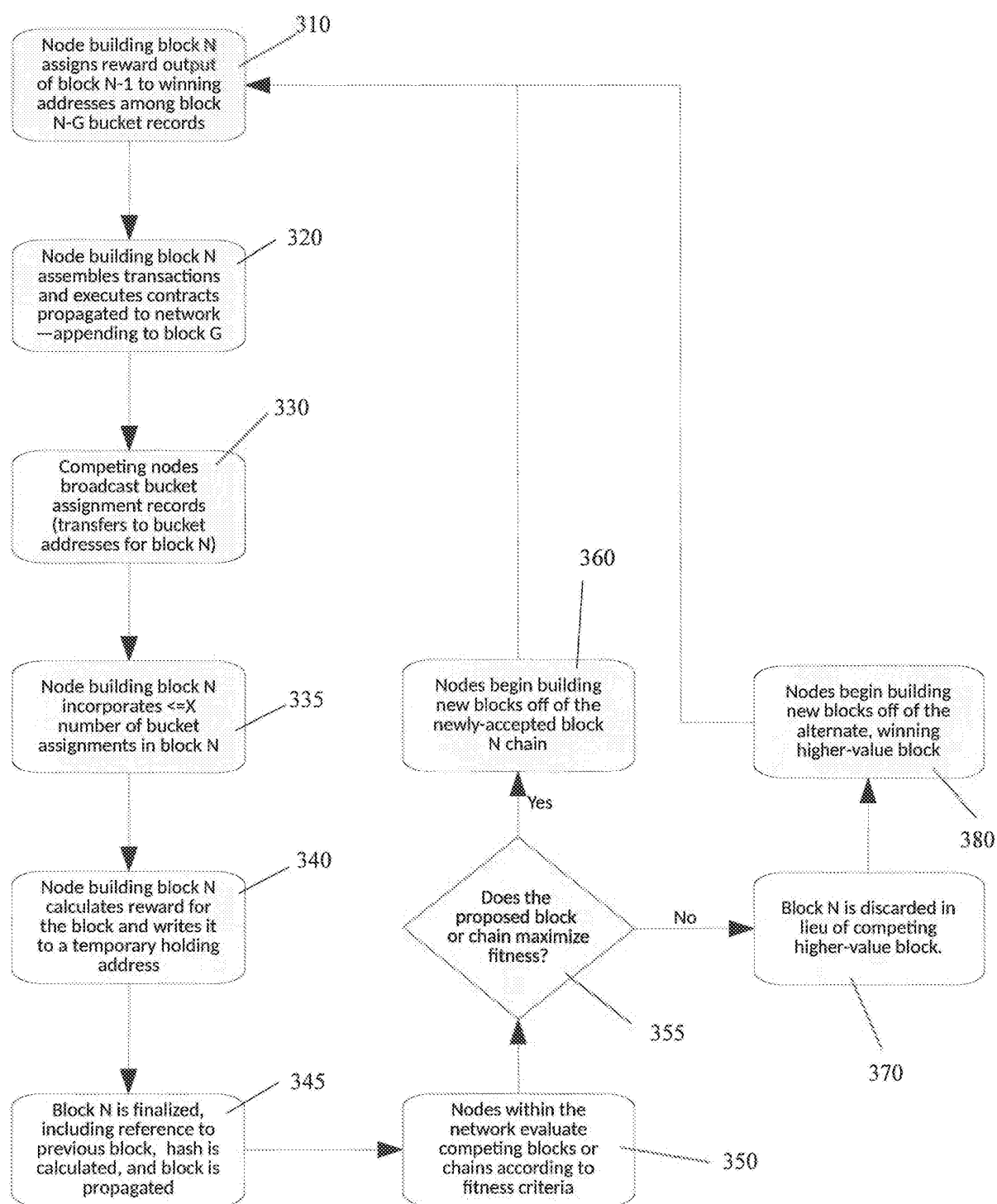
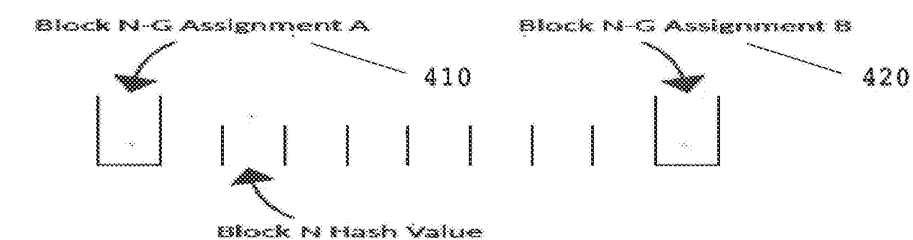


FIG. 3



440

00000000	00000000
00000001	00000000
00000002	00000000
00000003	00000000
...	
FFFFFFFFC	00000000
FFFFFFFFD	00000000
FFFFFFFFE	00000000
FFFFFFFFF	00000000

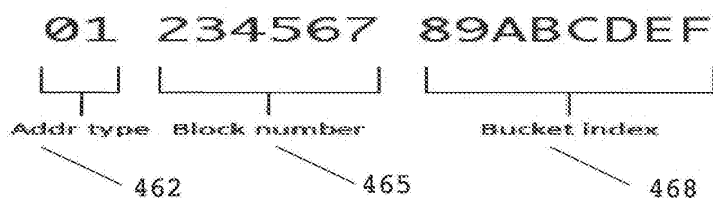


FIG. 4A

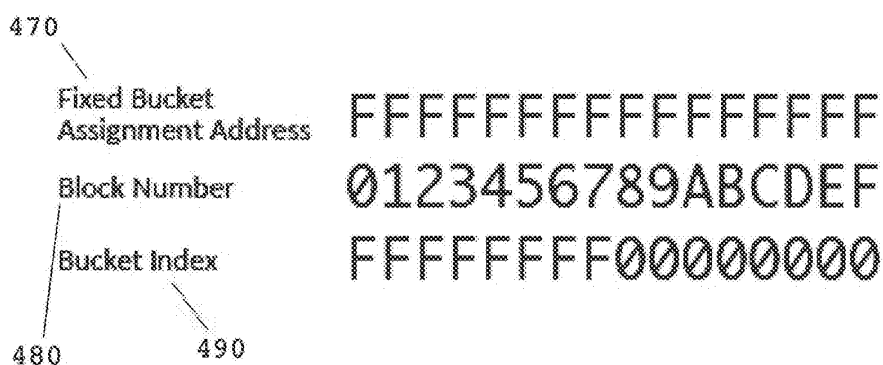


FIG. 4B

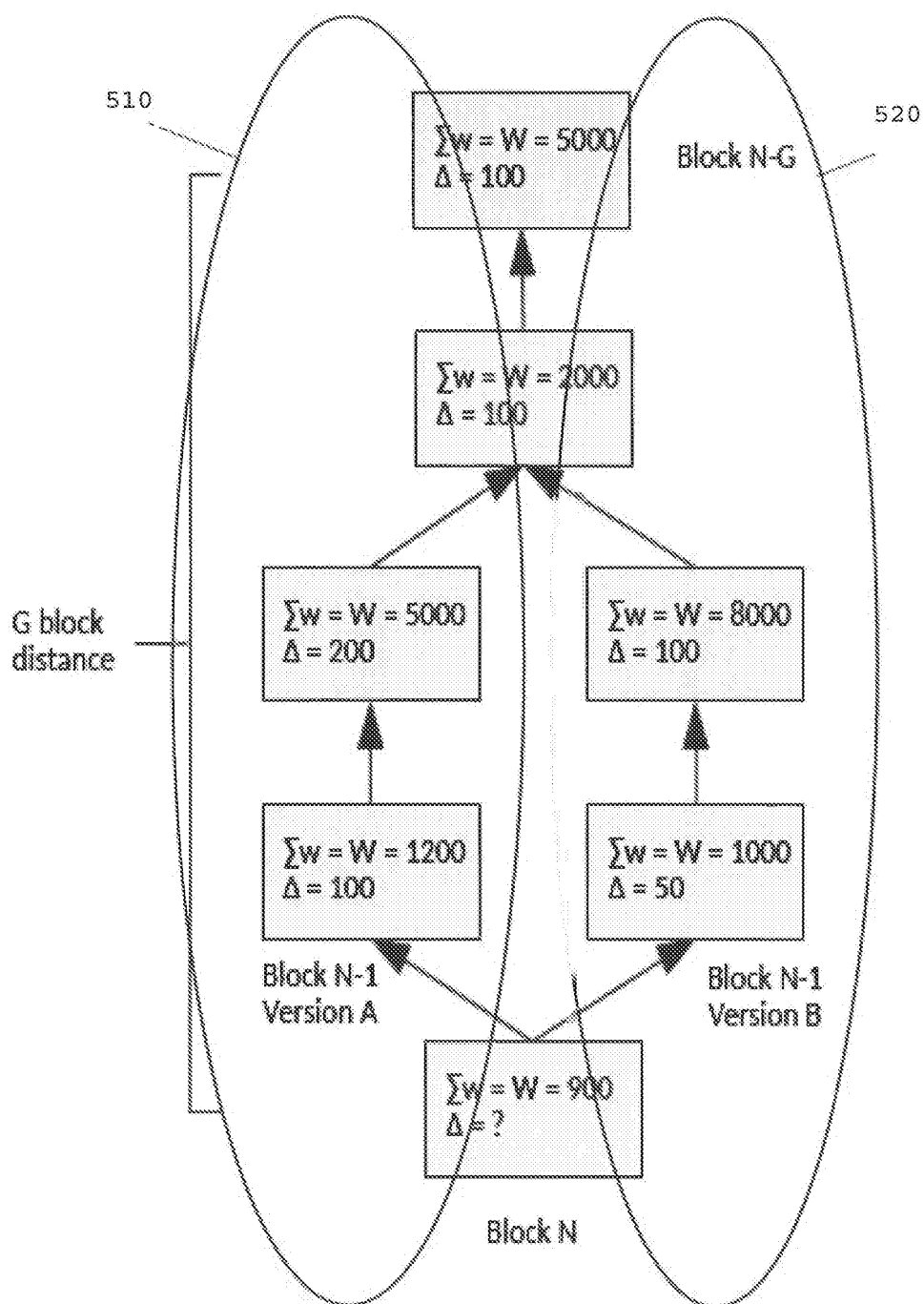


FIG. 5

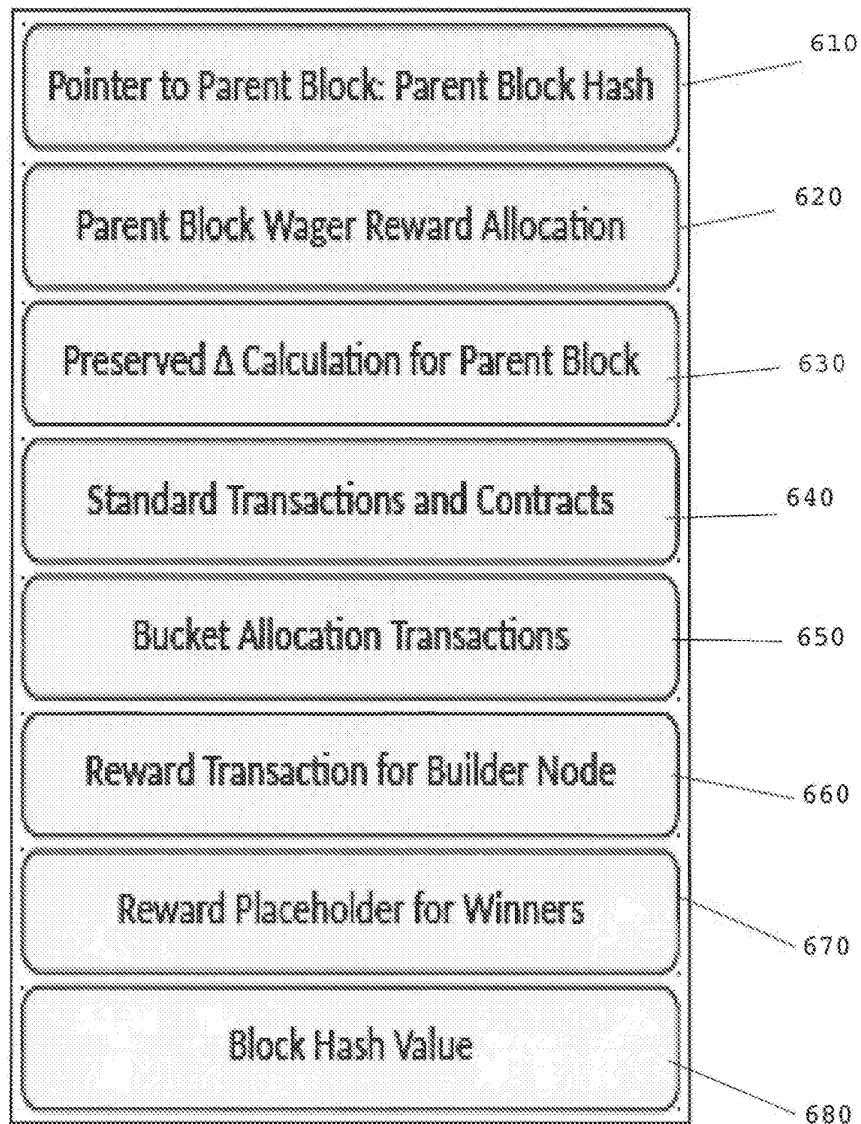
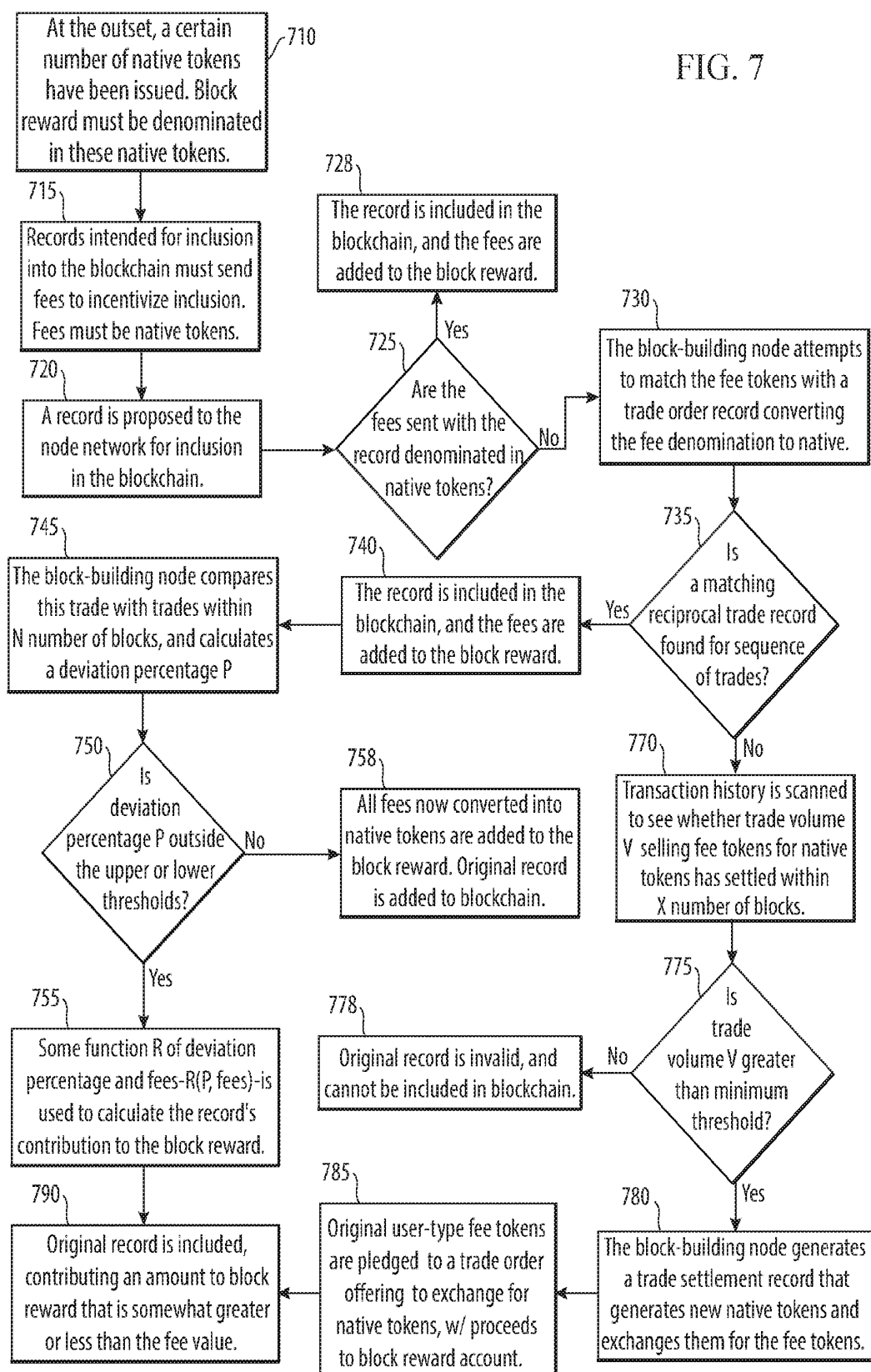


FIG. 6

FIG. 7



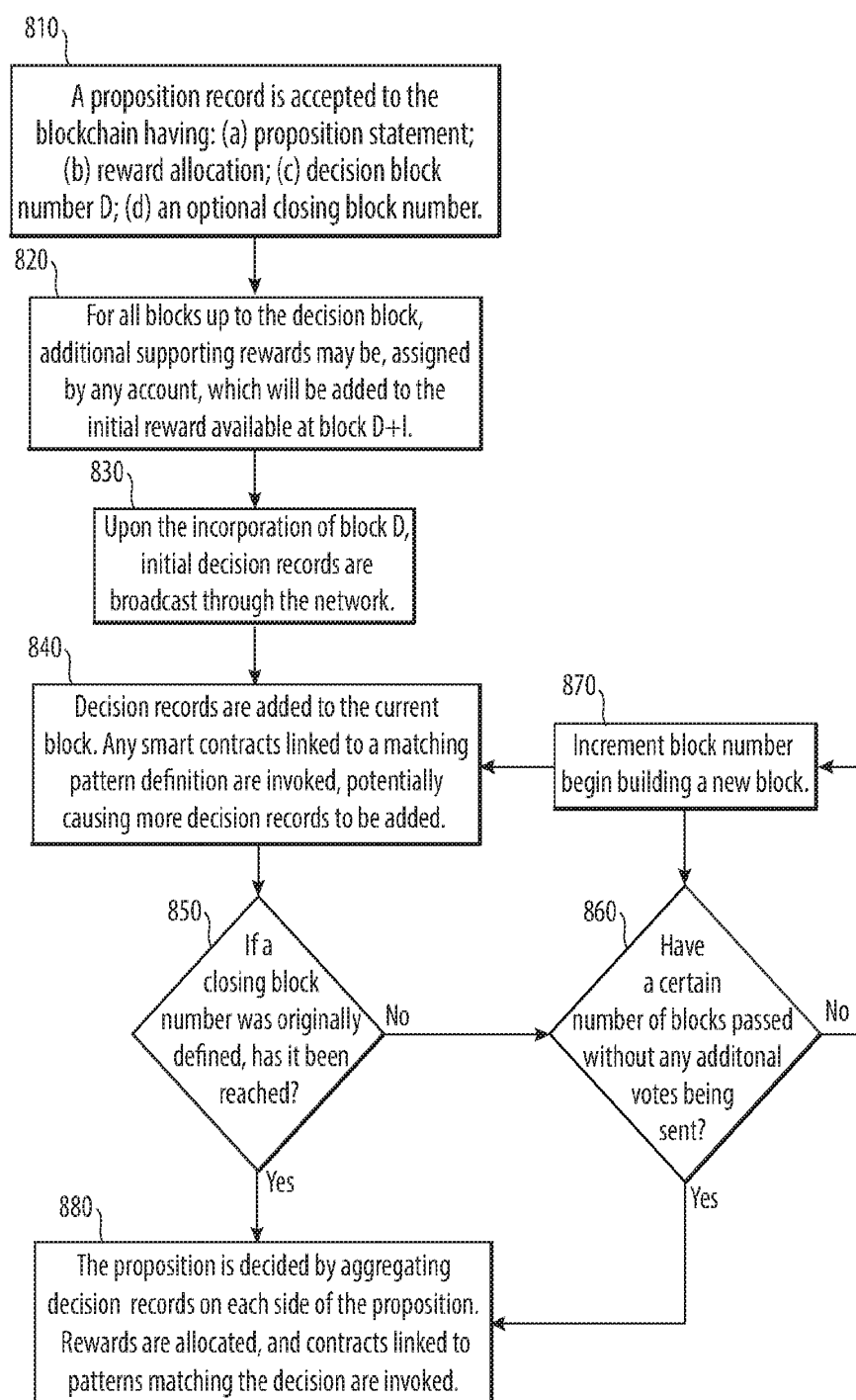


FIG. 8

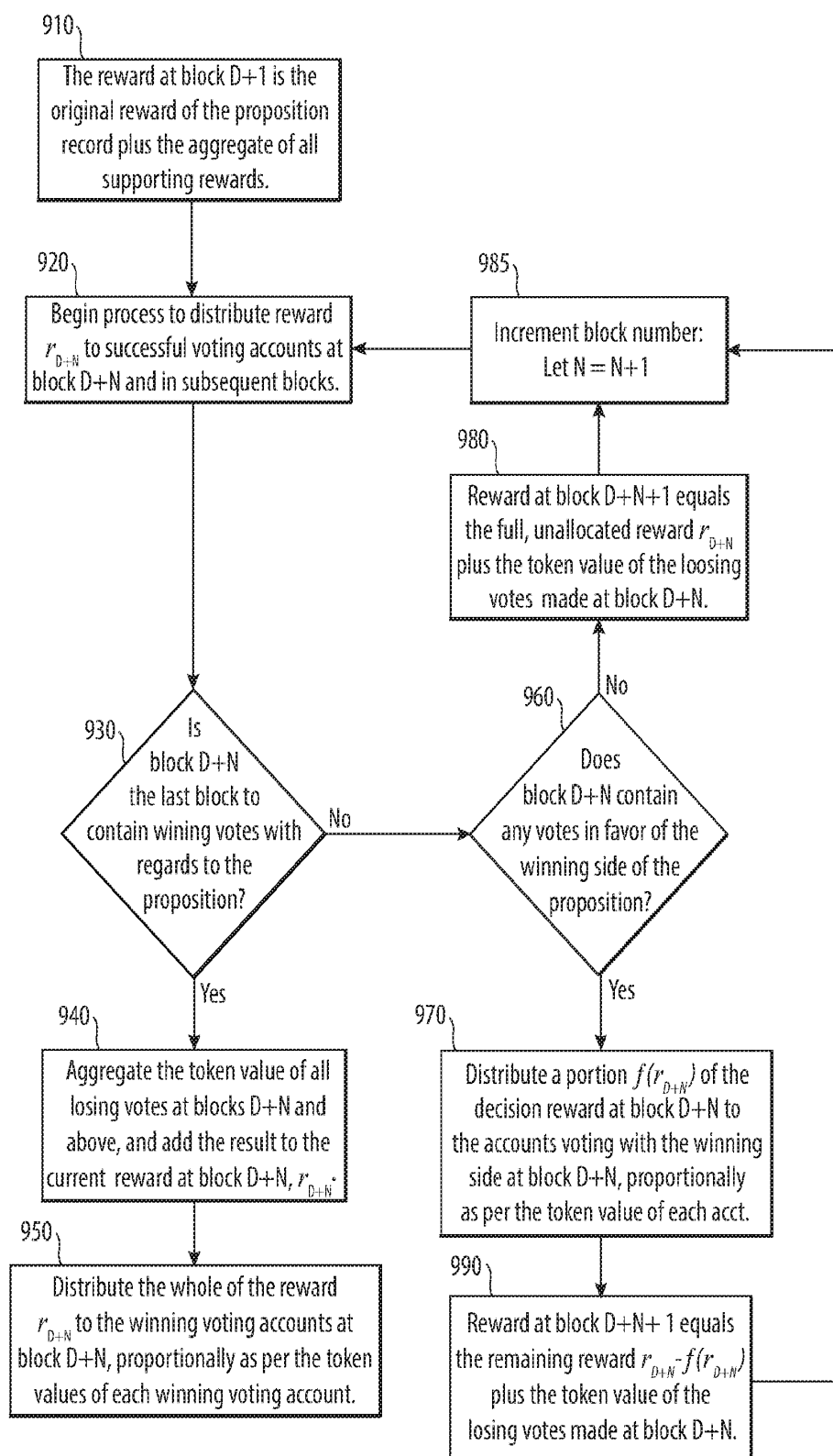


FIG. 9

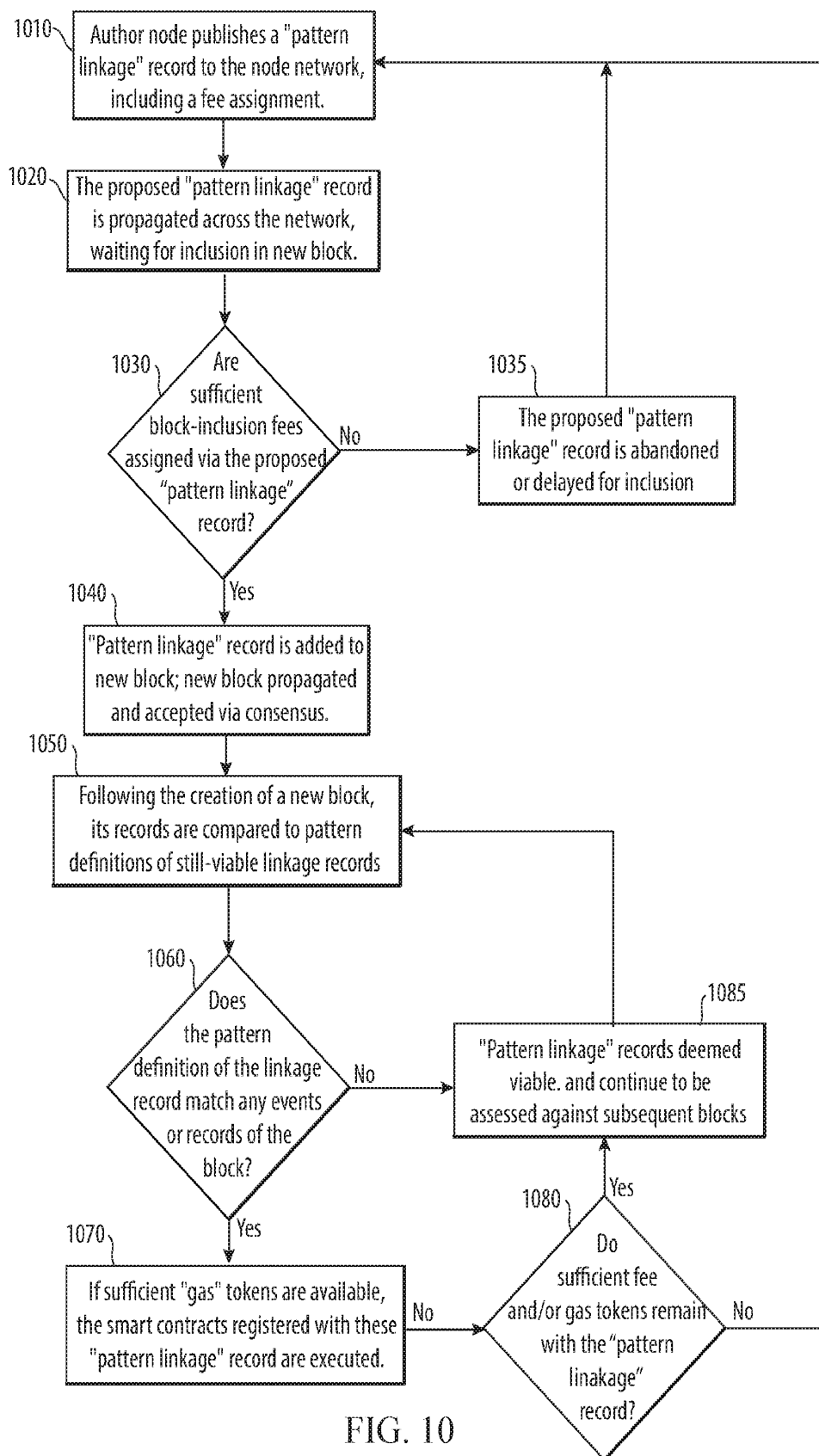


FIG. 10

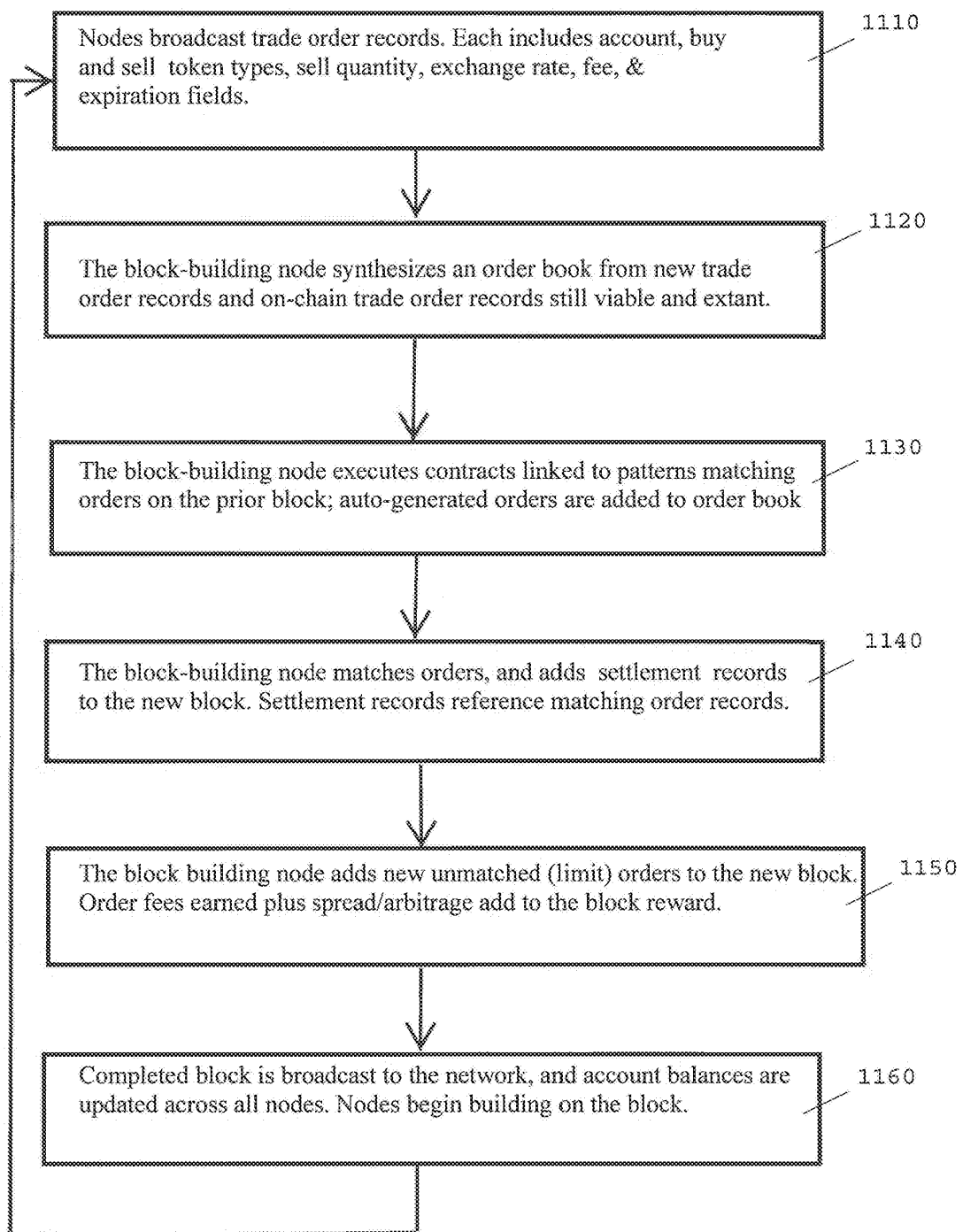


FIG. 11

12/14

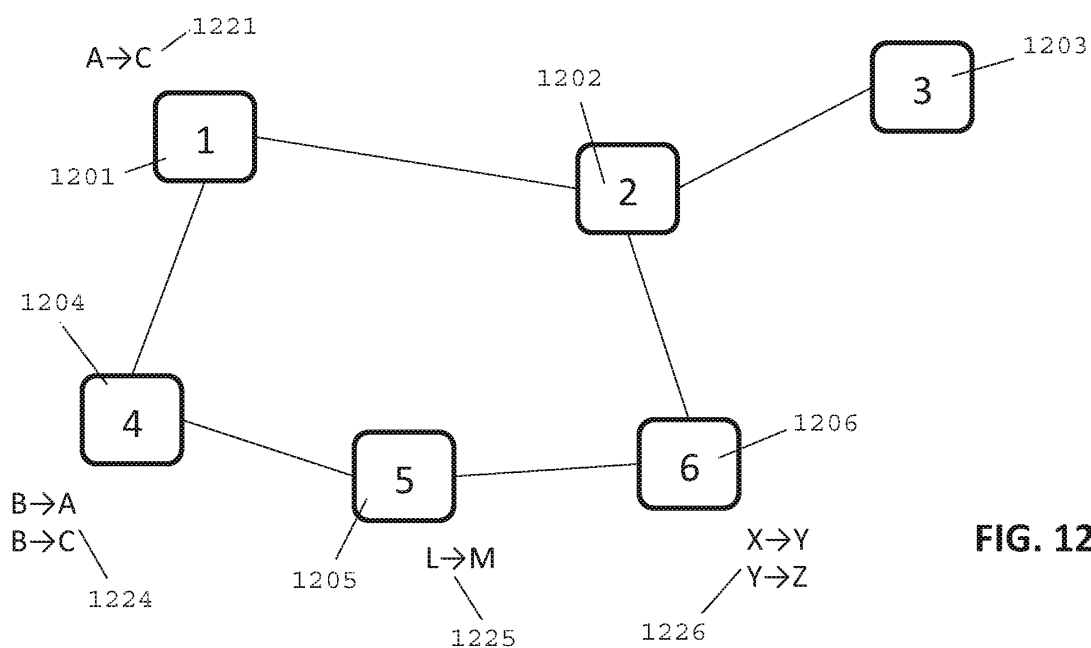


FIG. 12A

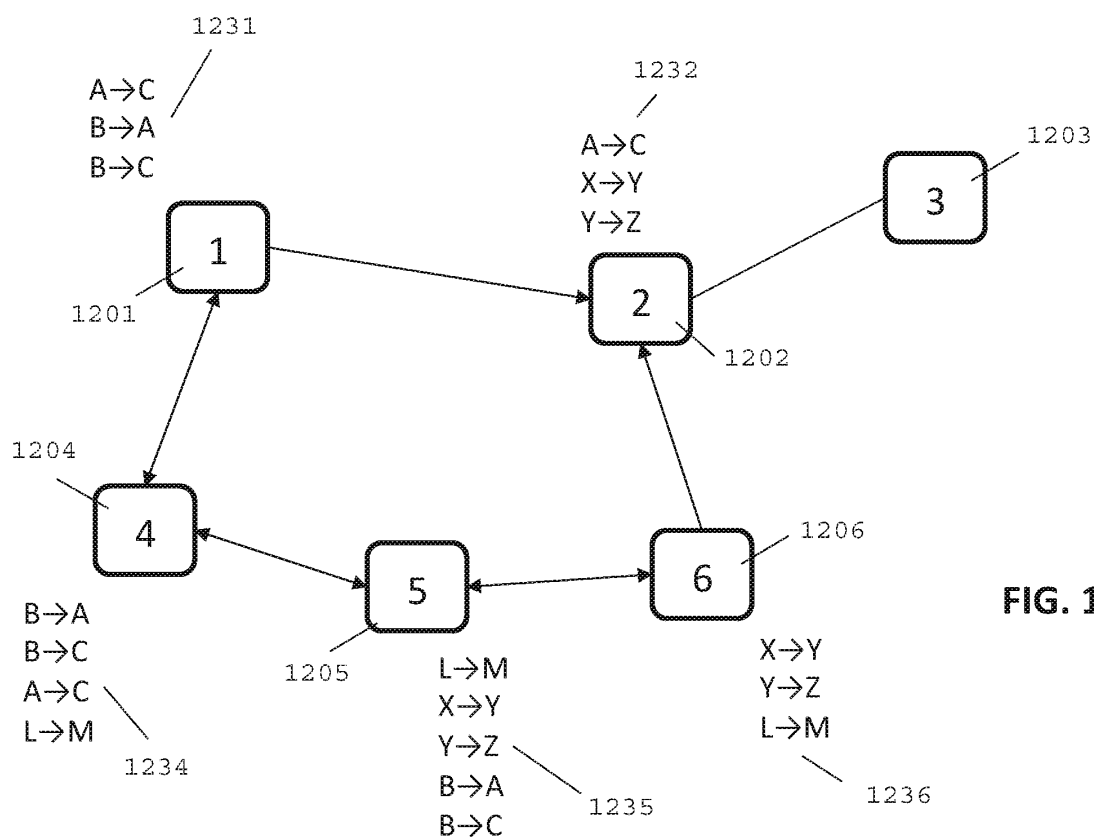


FIG. 12B

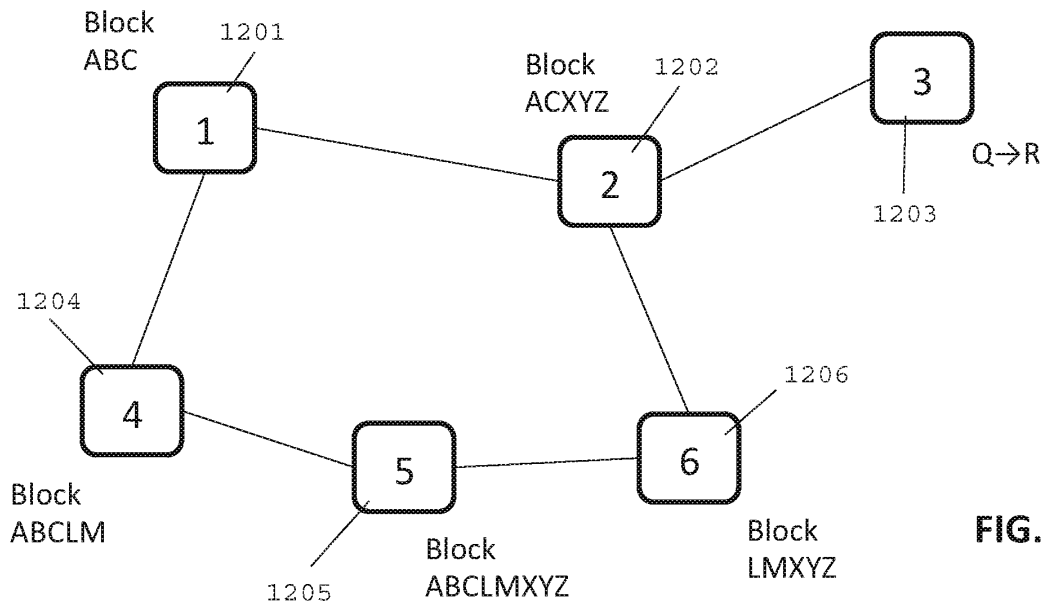


FIG. 12C

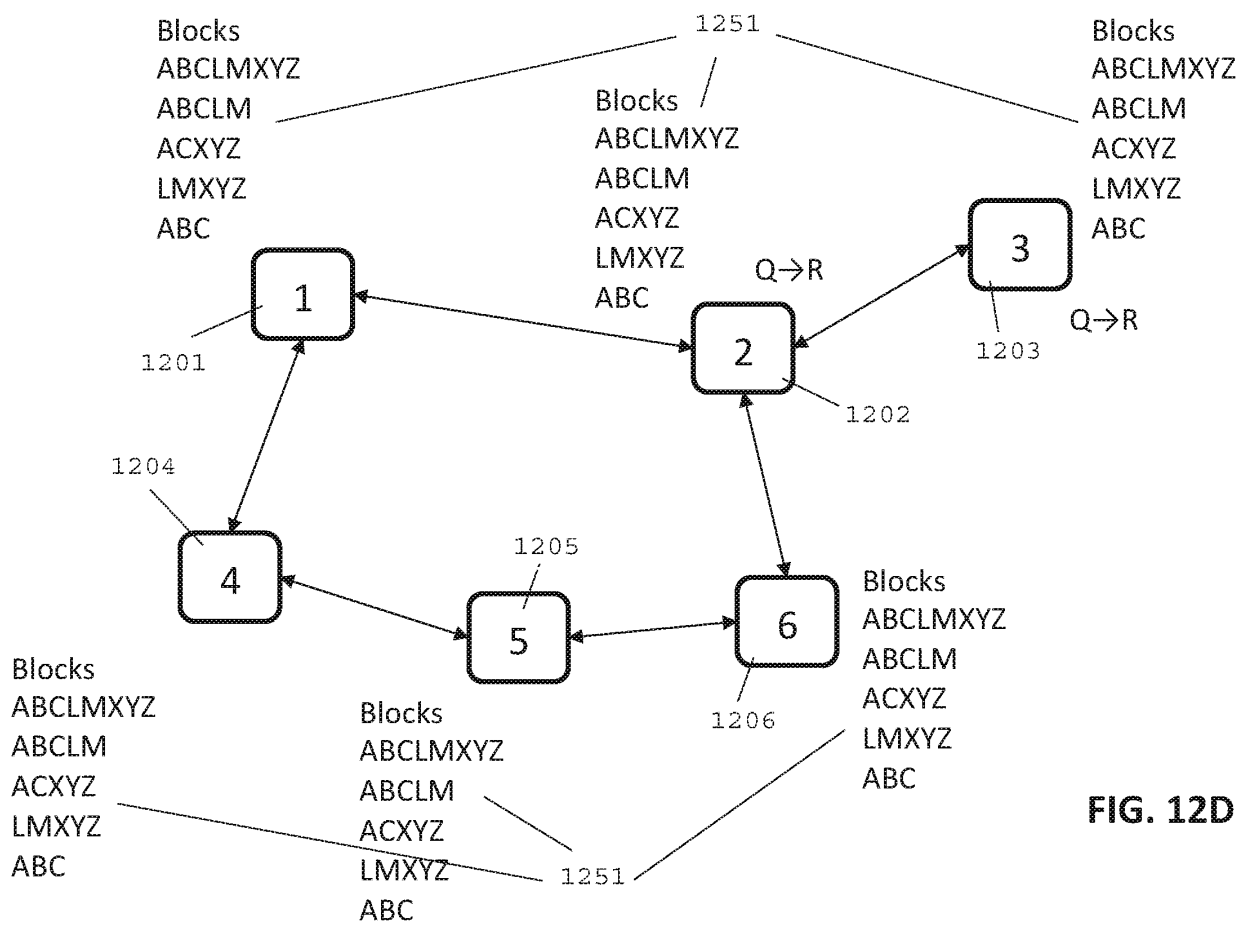


FIG. 12D

Block with Bloom Filter	Included Records	Fitness (No. of Records)
ABCLMXYZ	$L \rightarrow M, X \rightarrow Y, Y \rightarrow Z, B \rightarrow A, B \rightarrow C$	5
ABCLM	$B \rightarrow A, B \rightarrow C, A \rightarrow C, L \rightarrow M$	4
ACXYZ	$A \rightarrow C, X \rightarrow Y, Y \rightarrow Z$	3
LMXYZ	$X \rightarrow Y, Y \rightarrow Z, L \rightarrow M$	3
ABC	$A \rightarrow C, B \rightarrow A, B \rightarrow C$	3

FIG. 13A

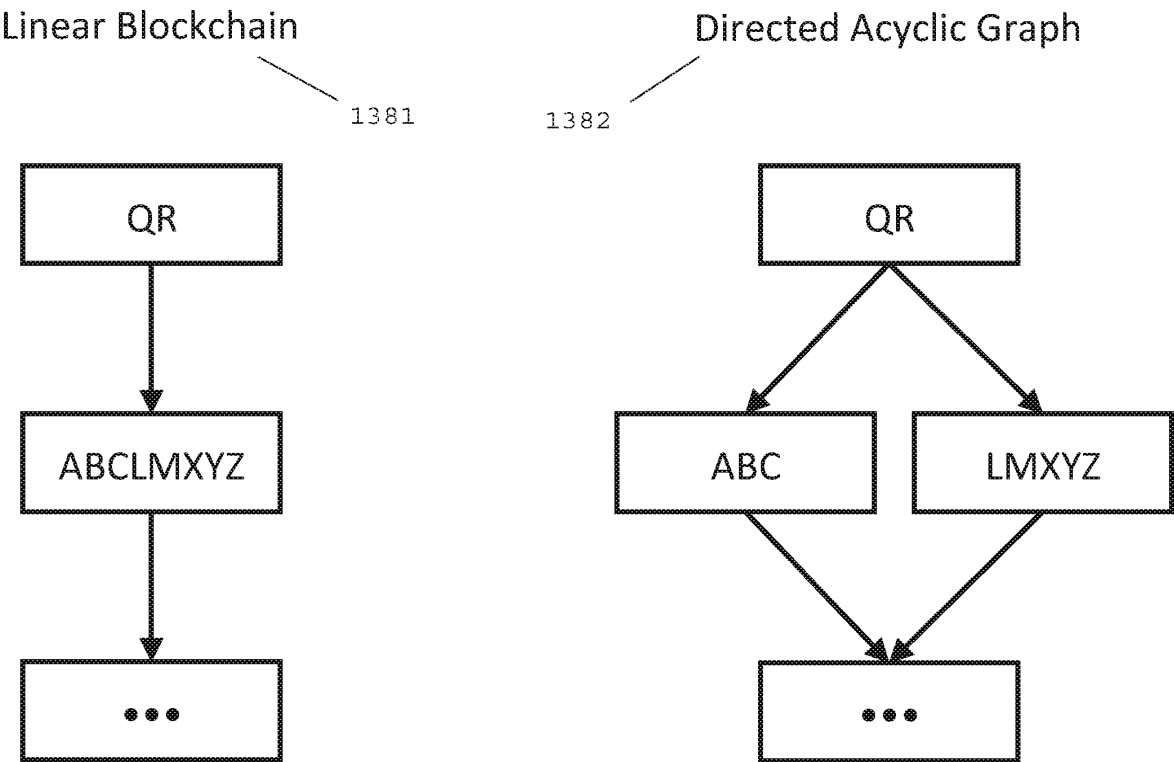


FIG. 13B