

FIG. 1

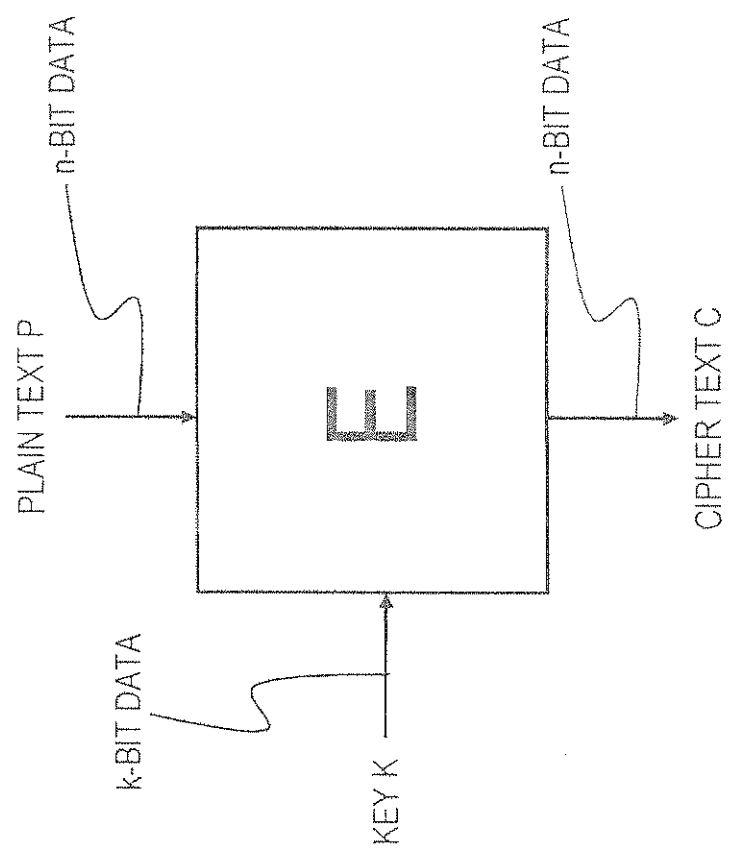


FIG. 2

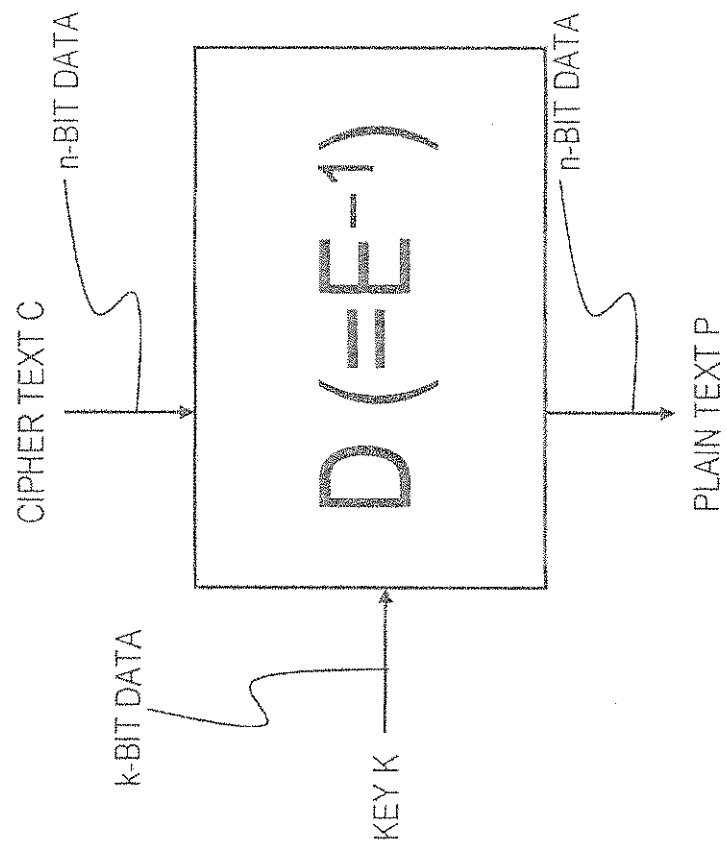


FIG. 3

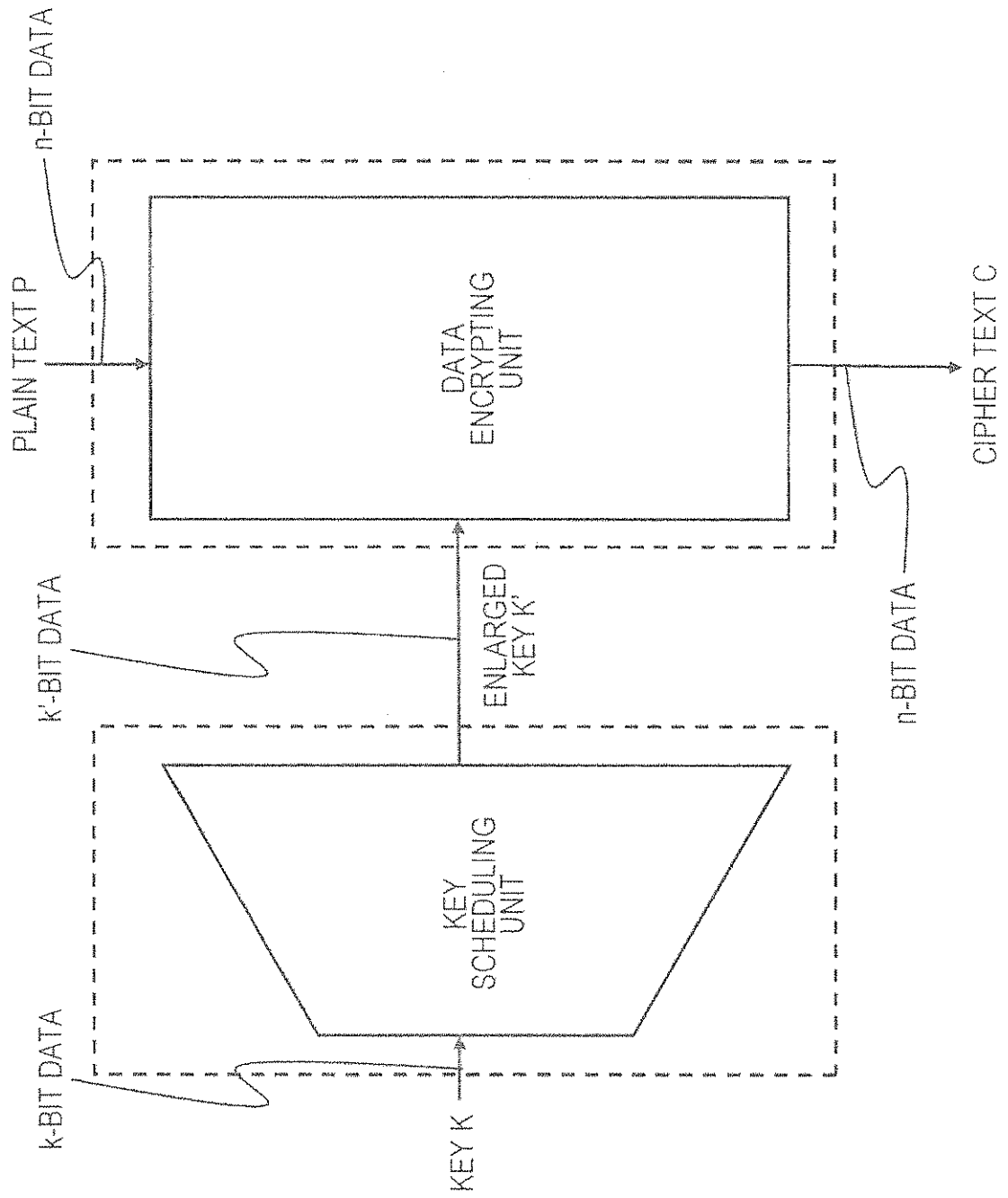


FIG. 4

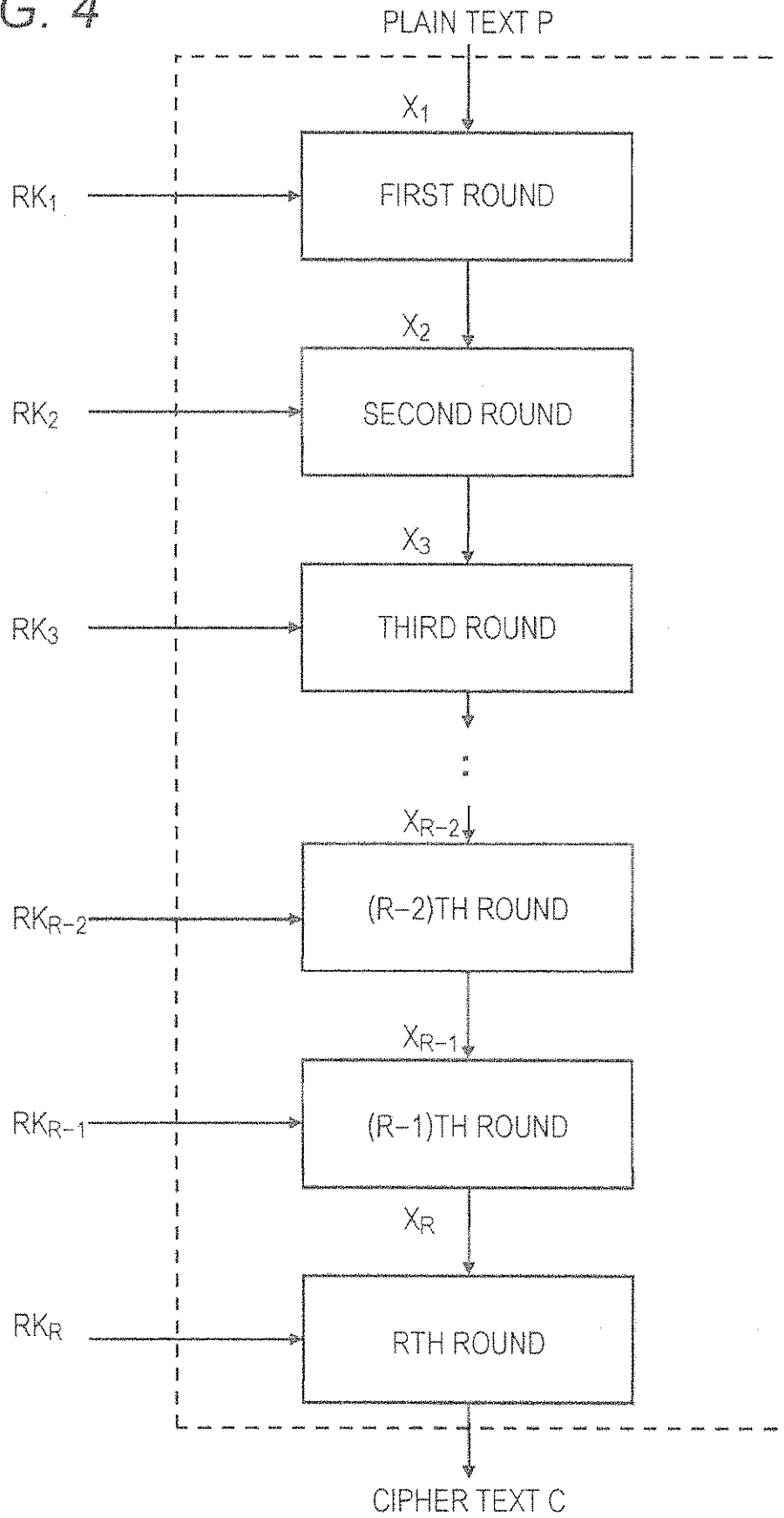


FIG. 5

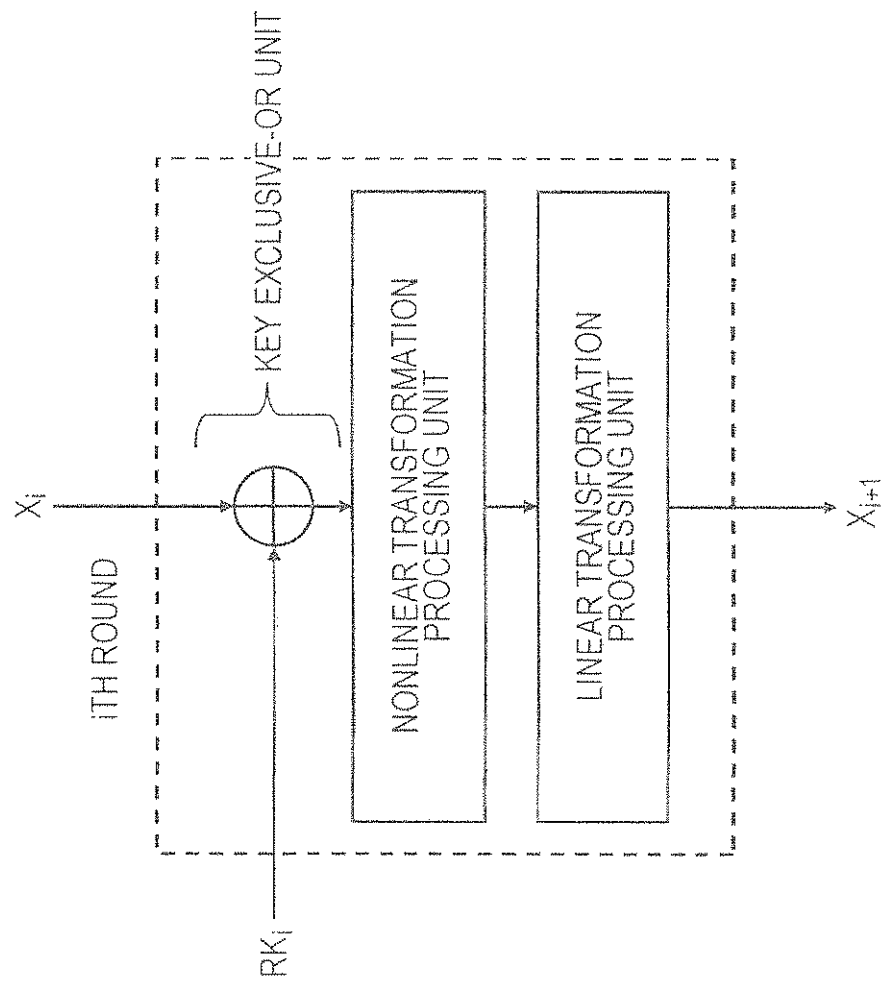


FIG. 6

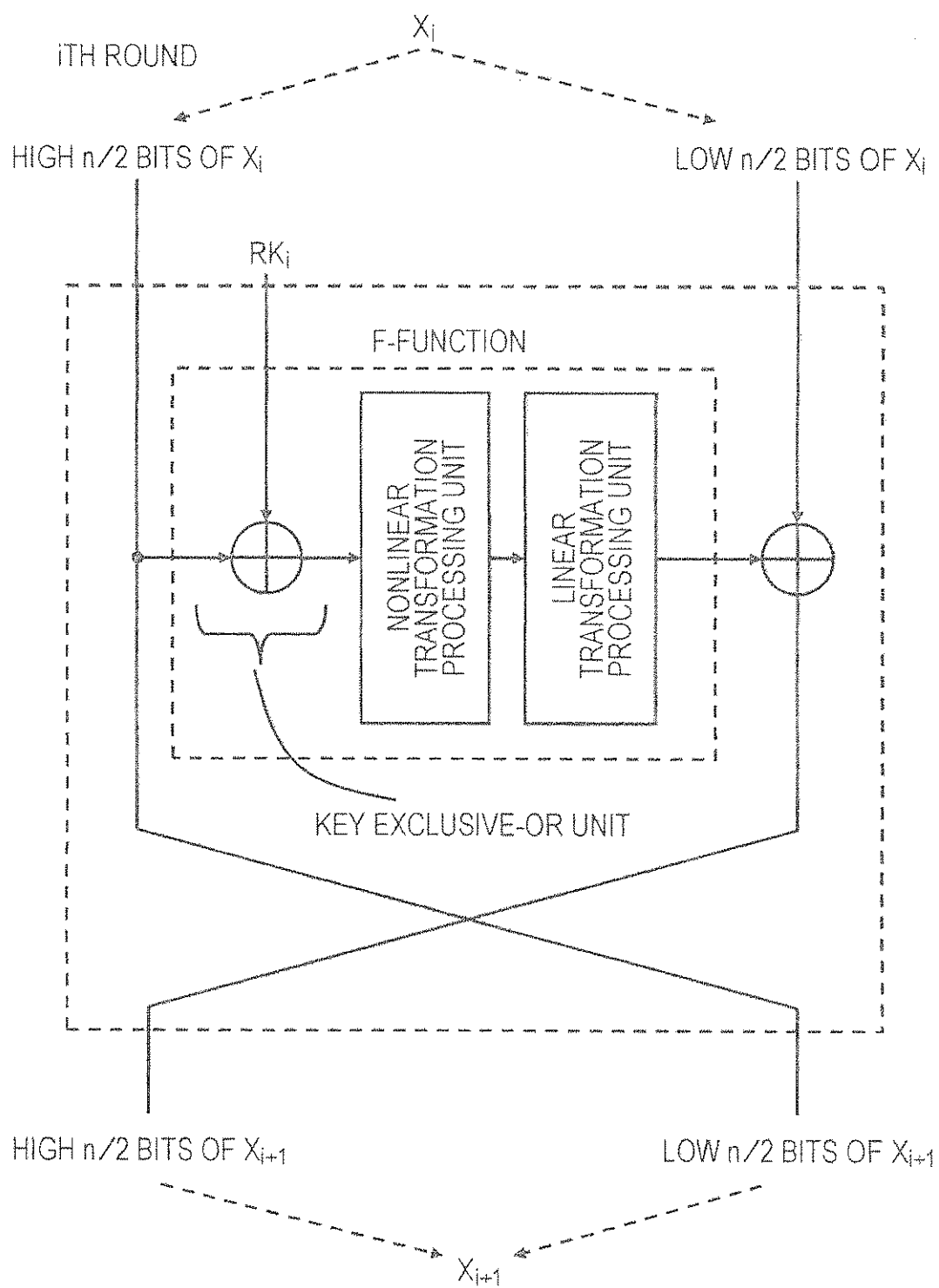


FIG. 7

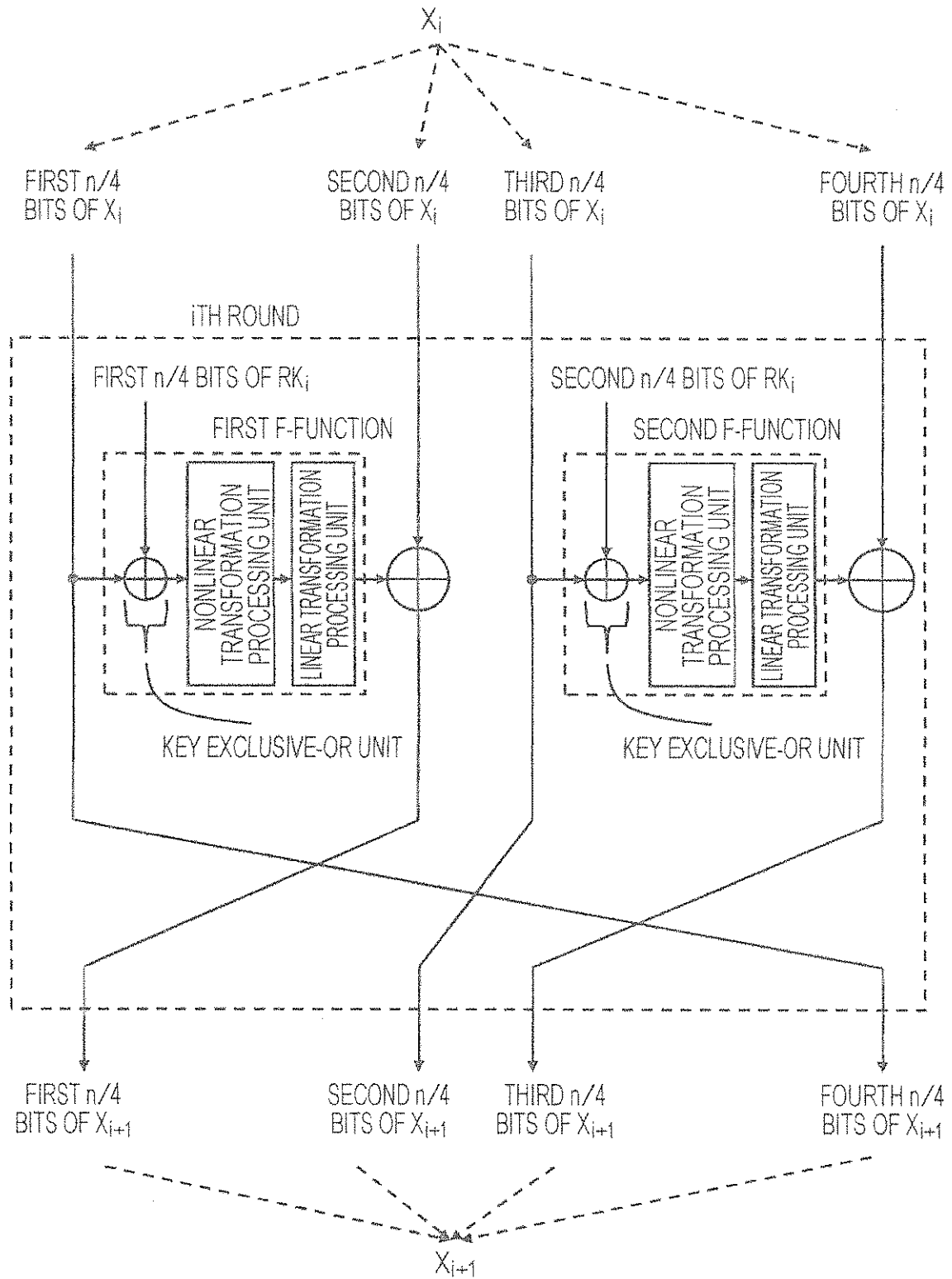


FIG. 8

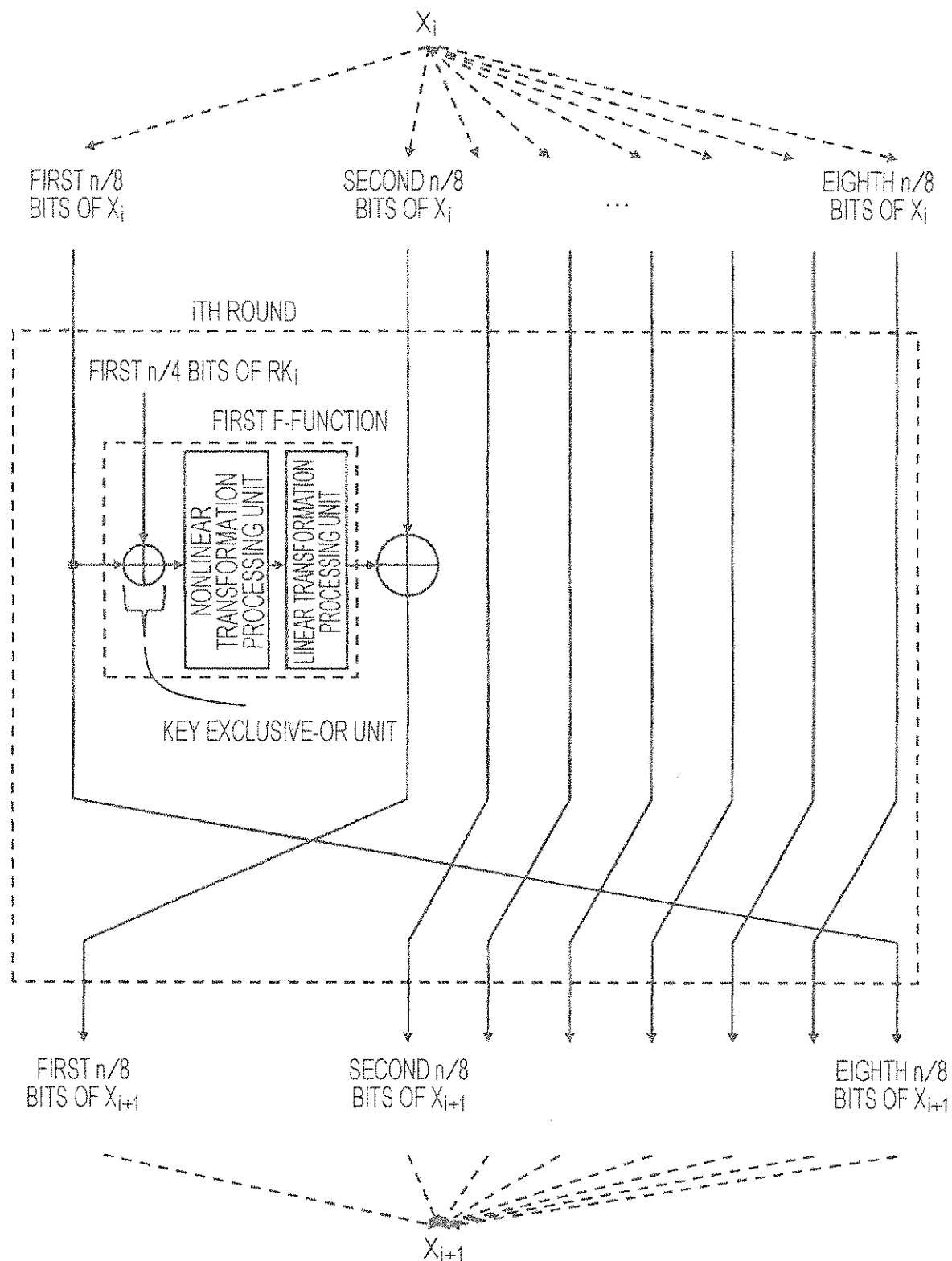


FIG. 9

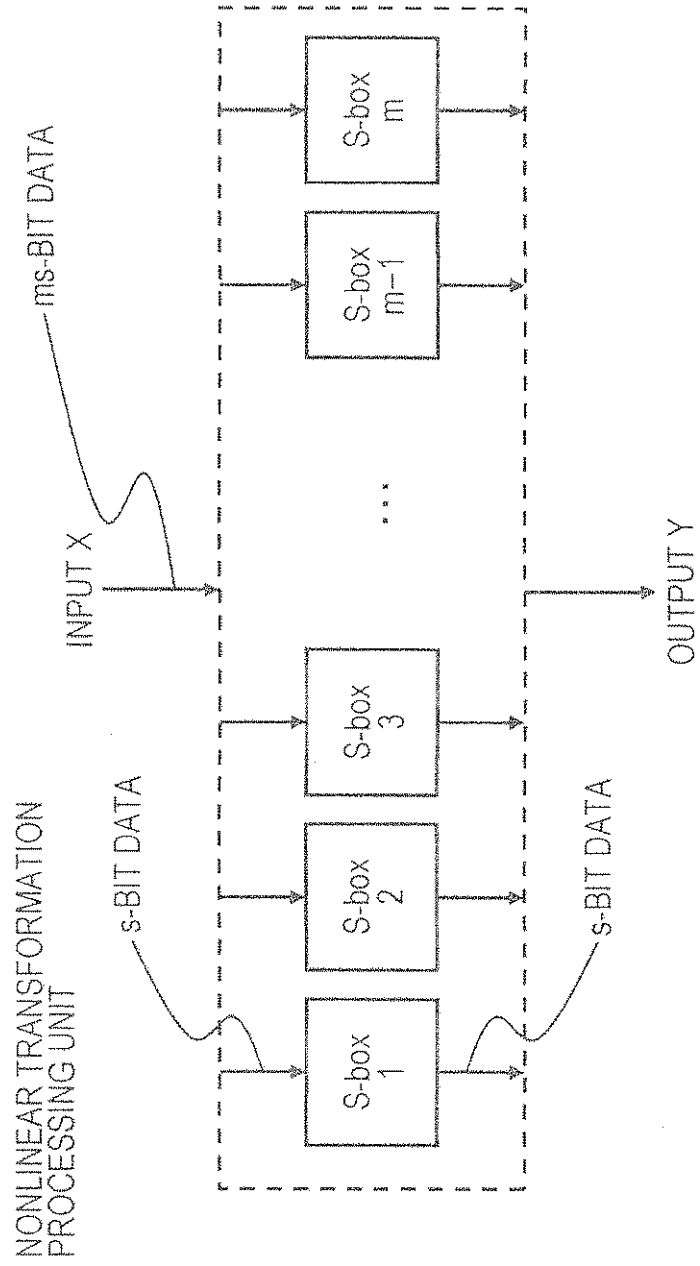


FIG. 10

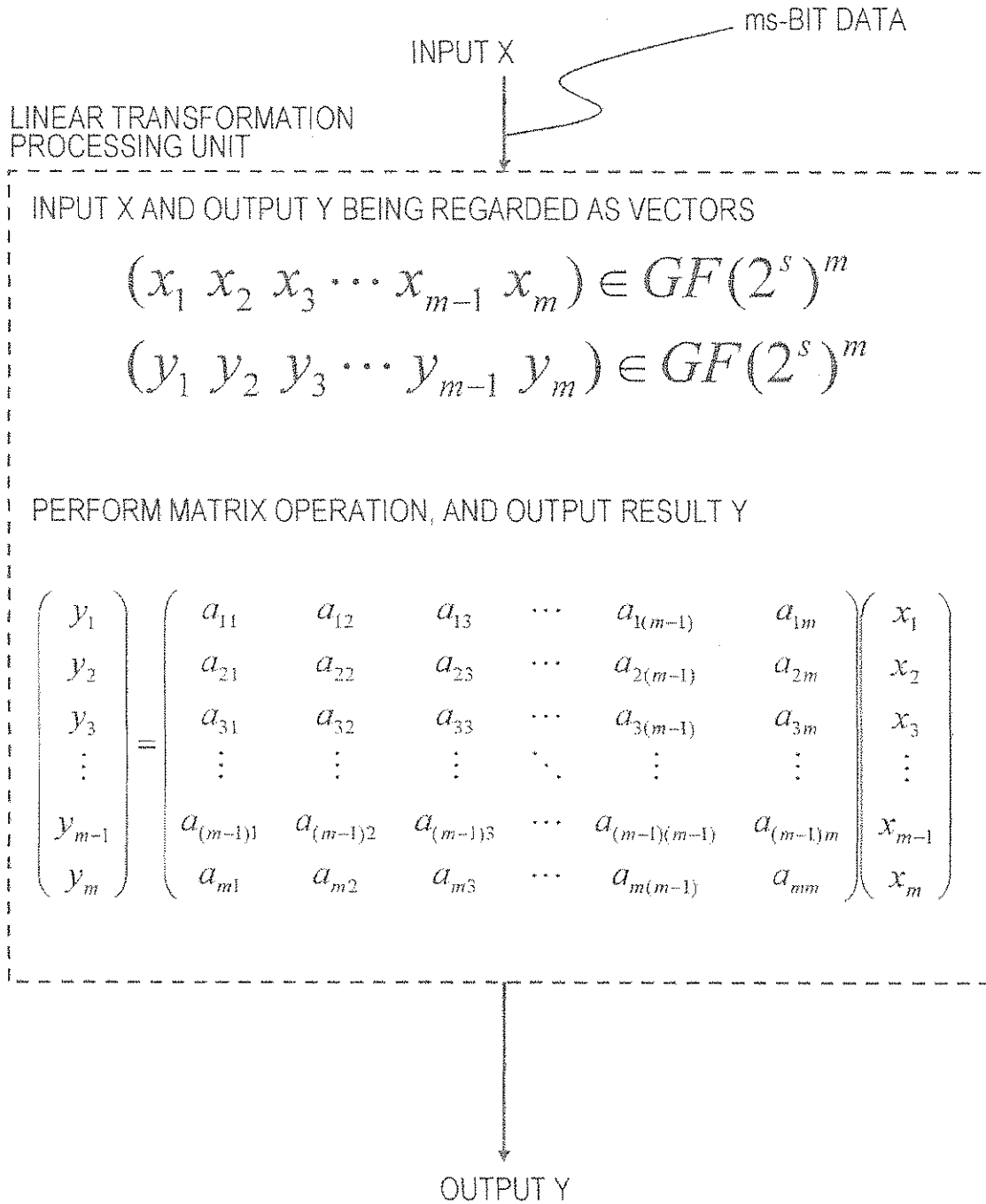


FIG. 11

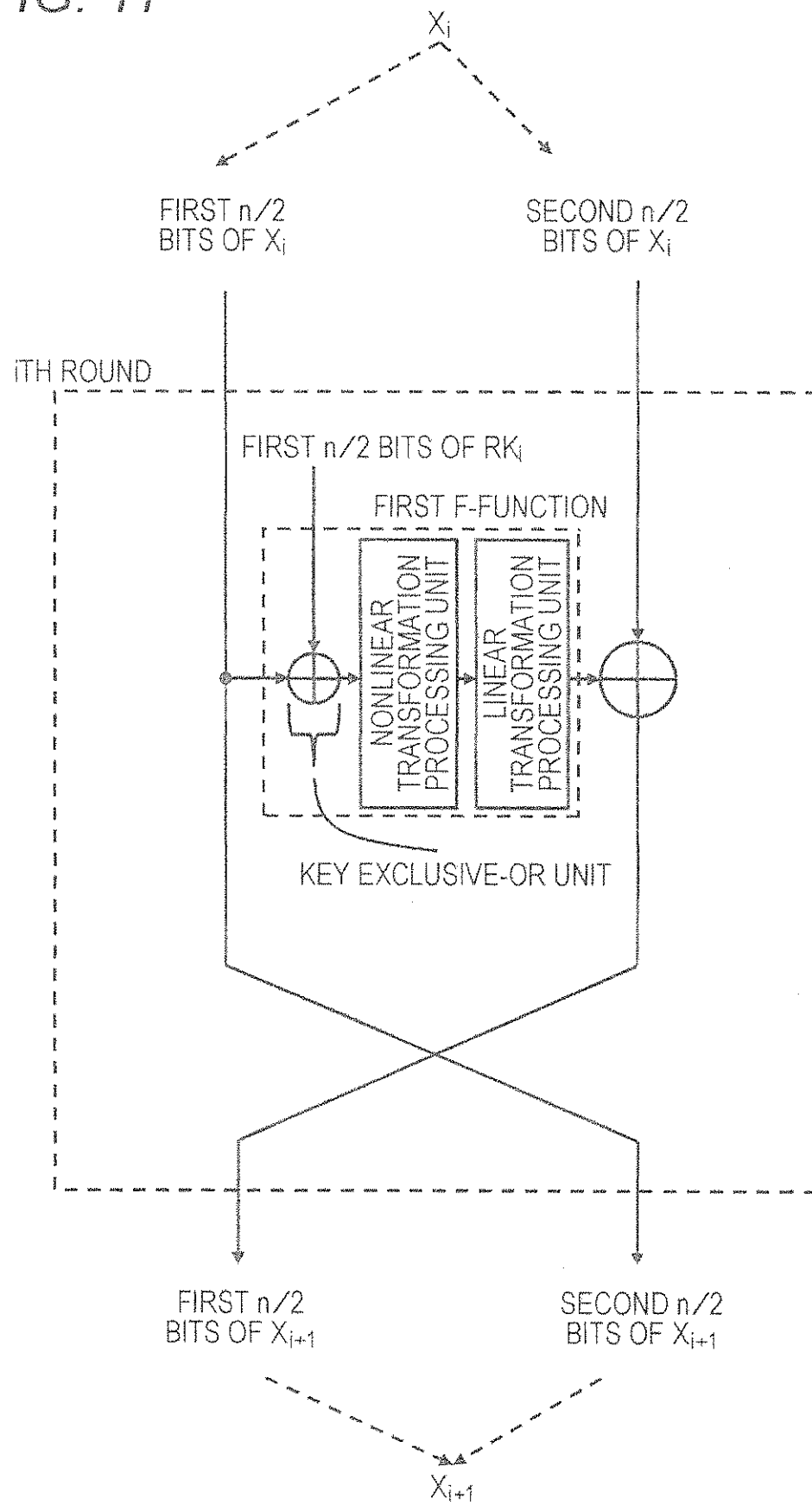


FIG. 12

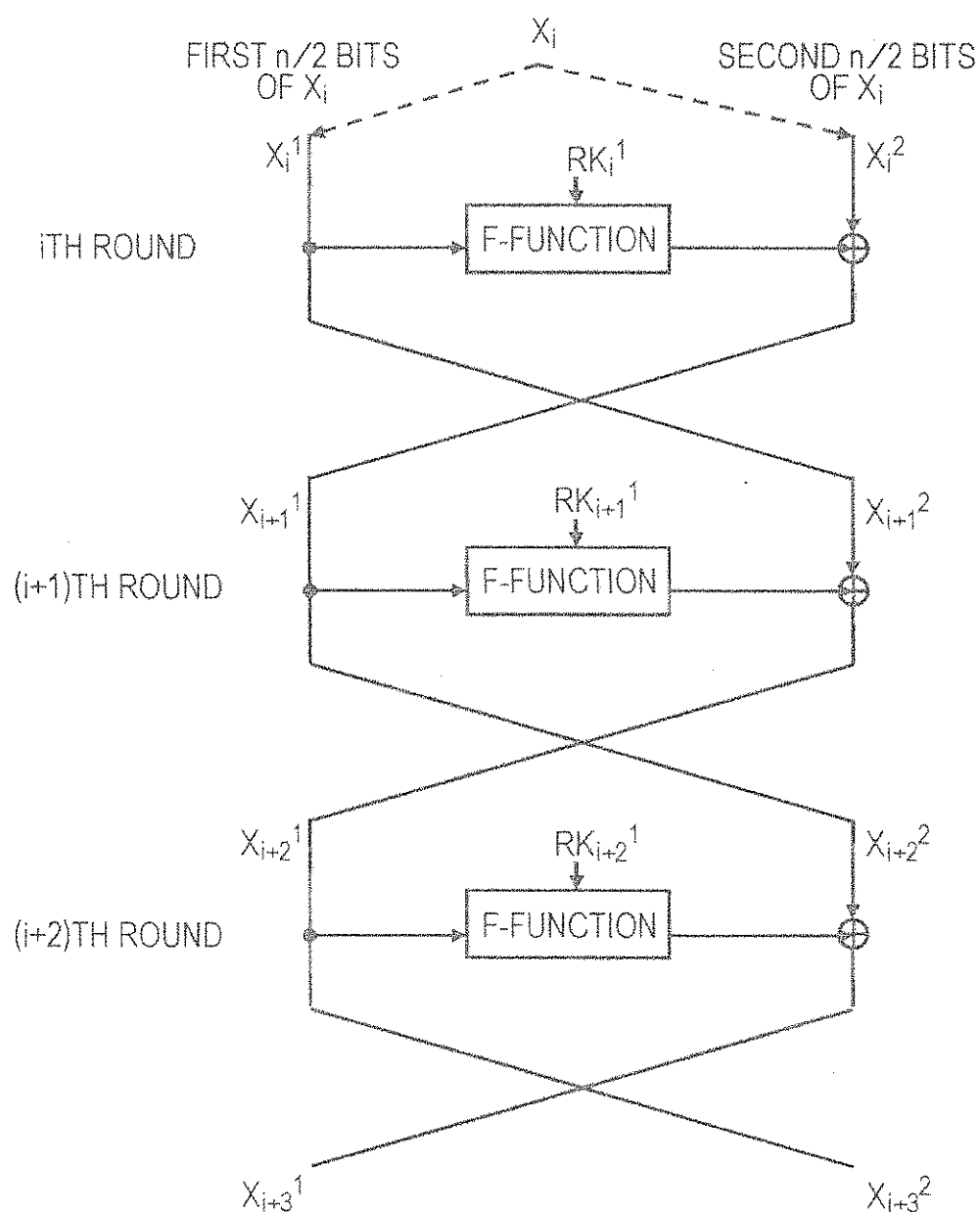


FIG. 13

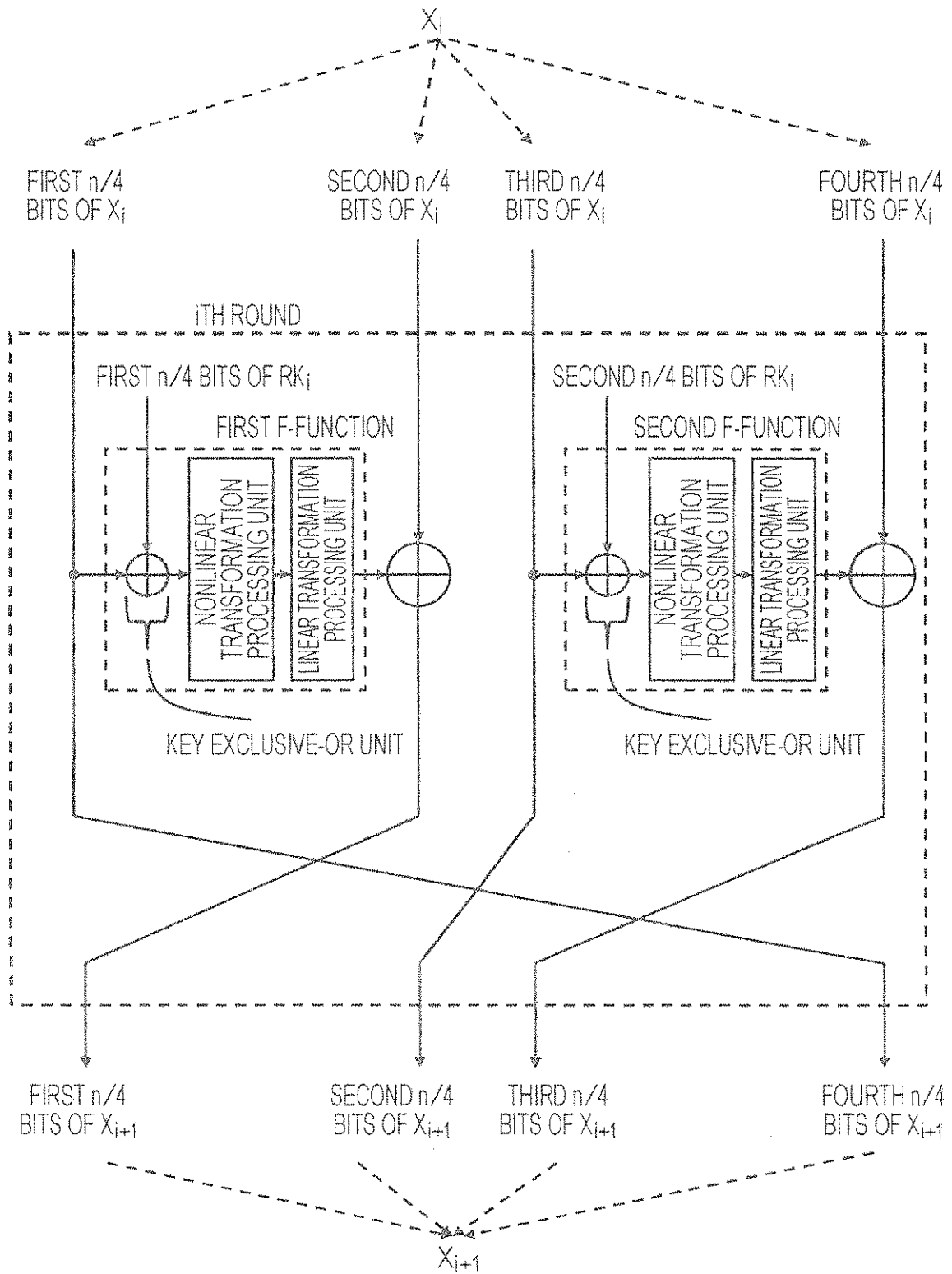


FIG. 14

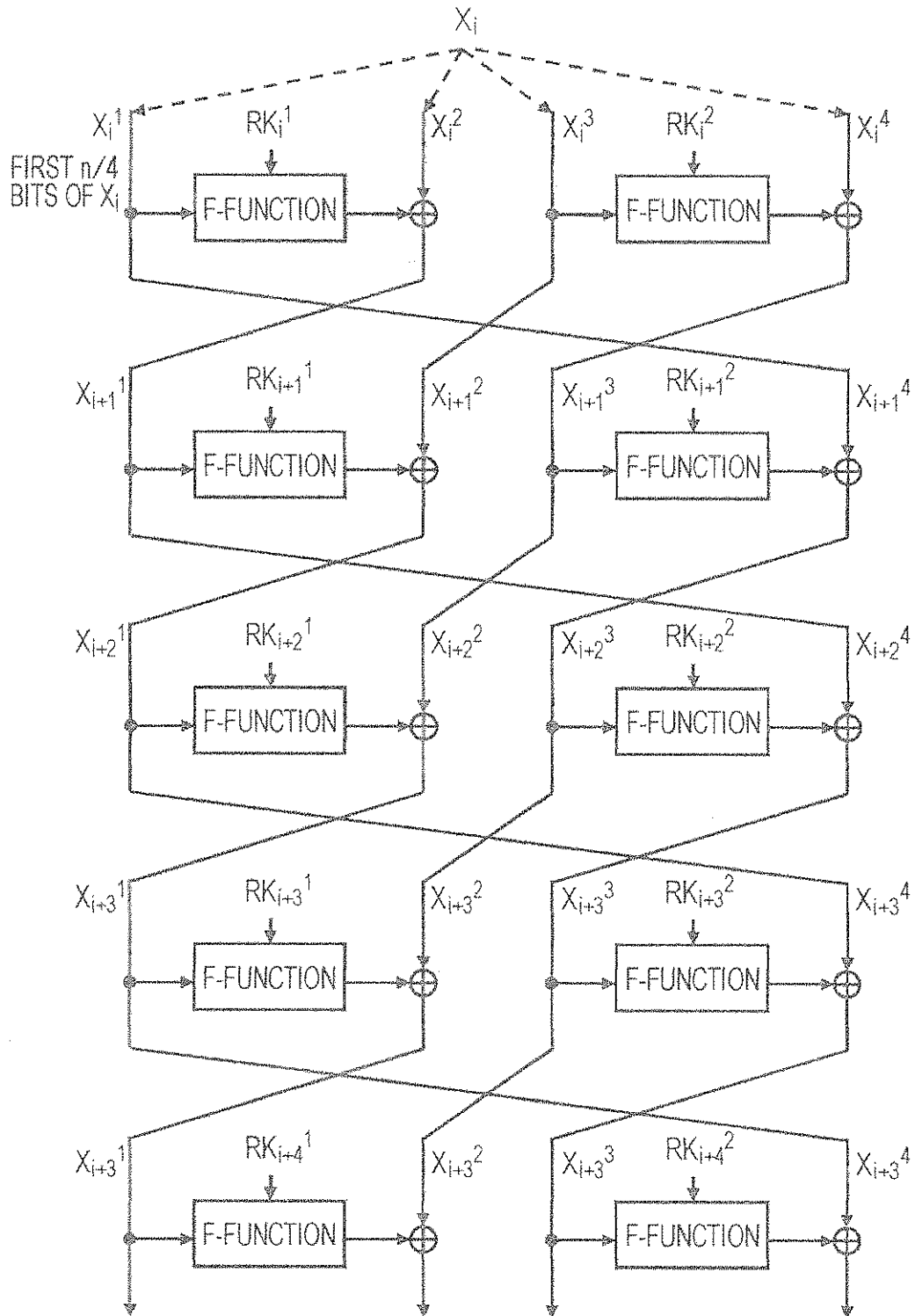
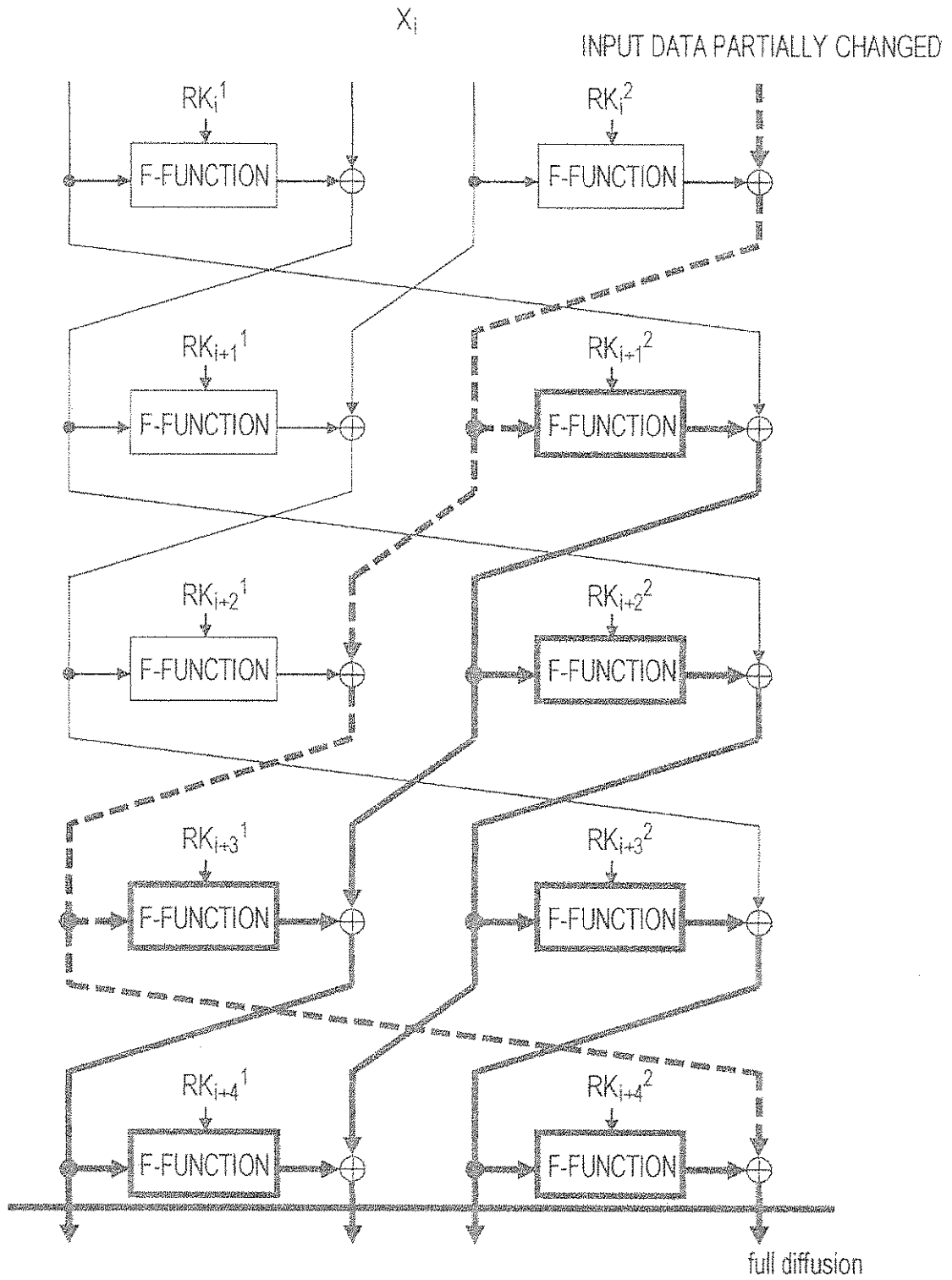


FIG. 15



16/40
FIG. 16

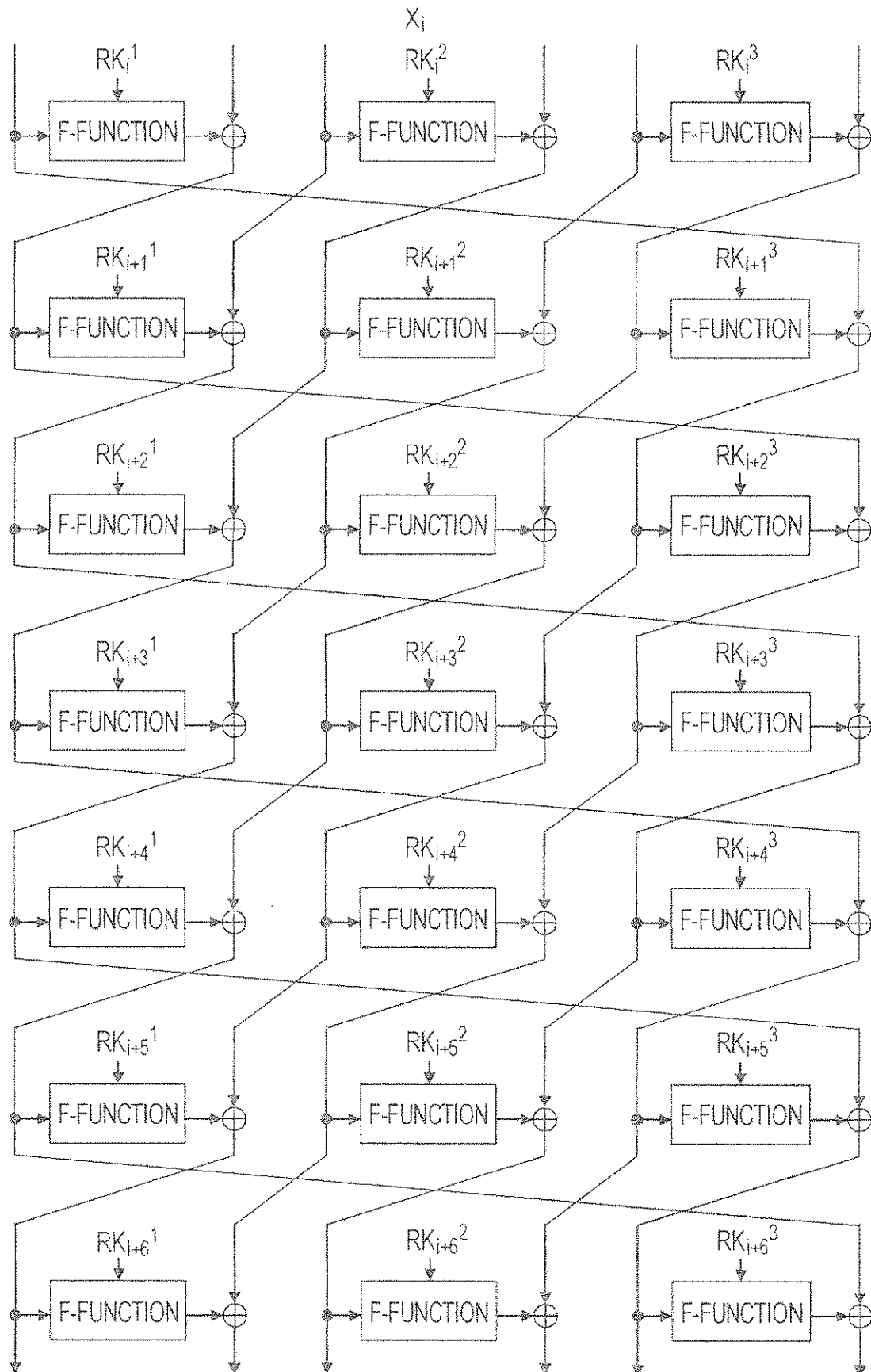
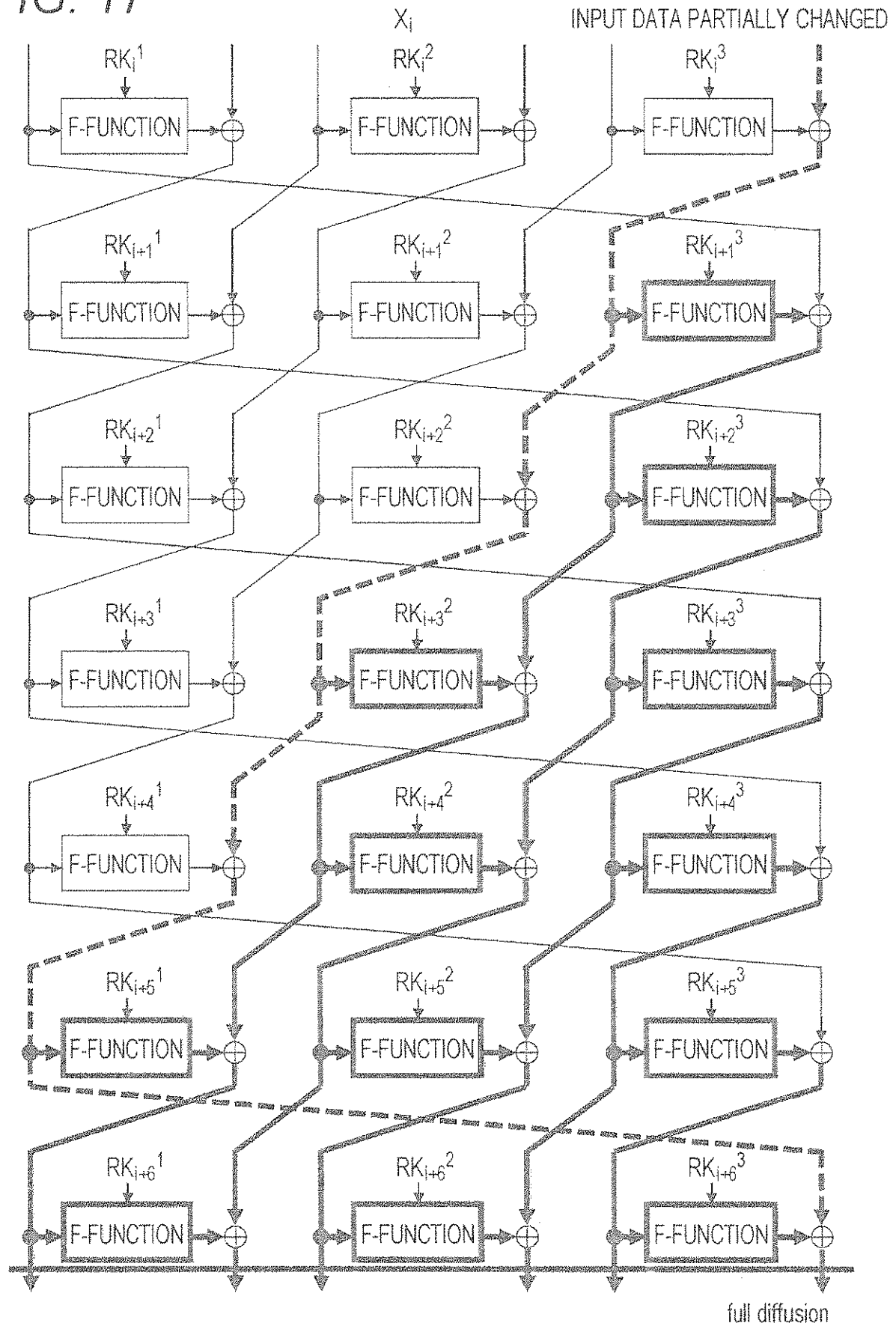


FIG. 17



18/40
FIG. 18

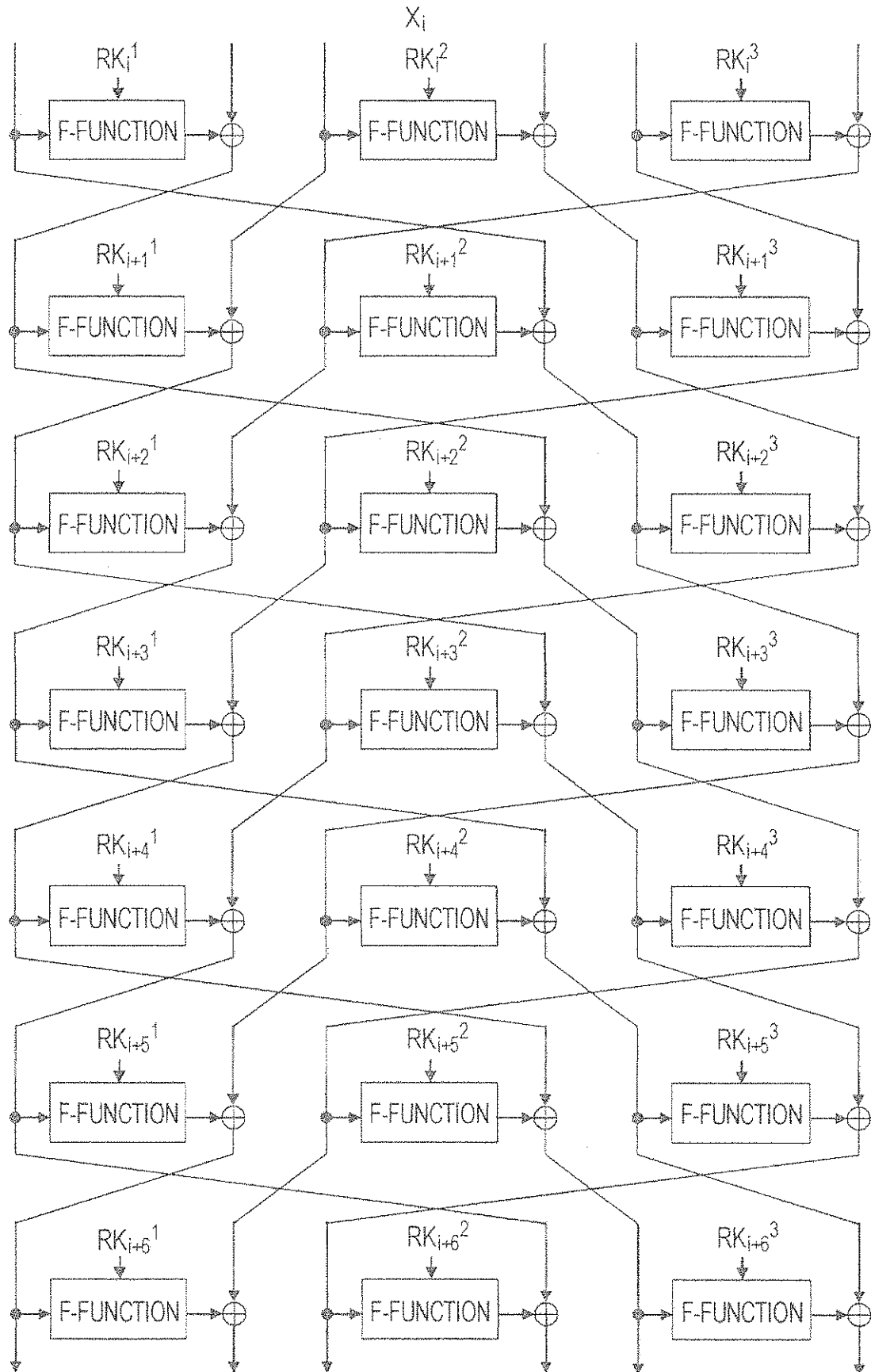


FIG. 19

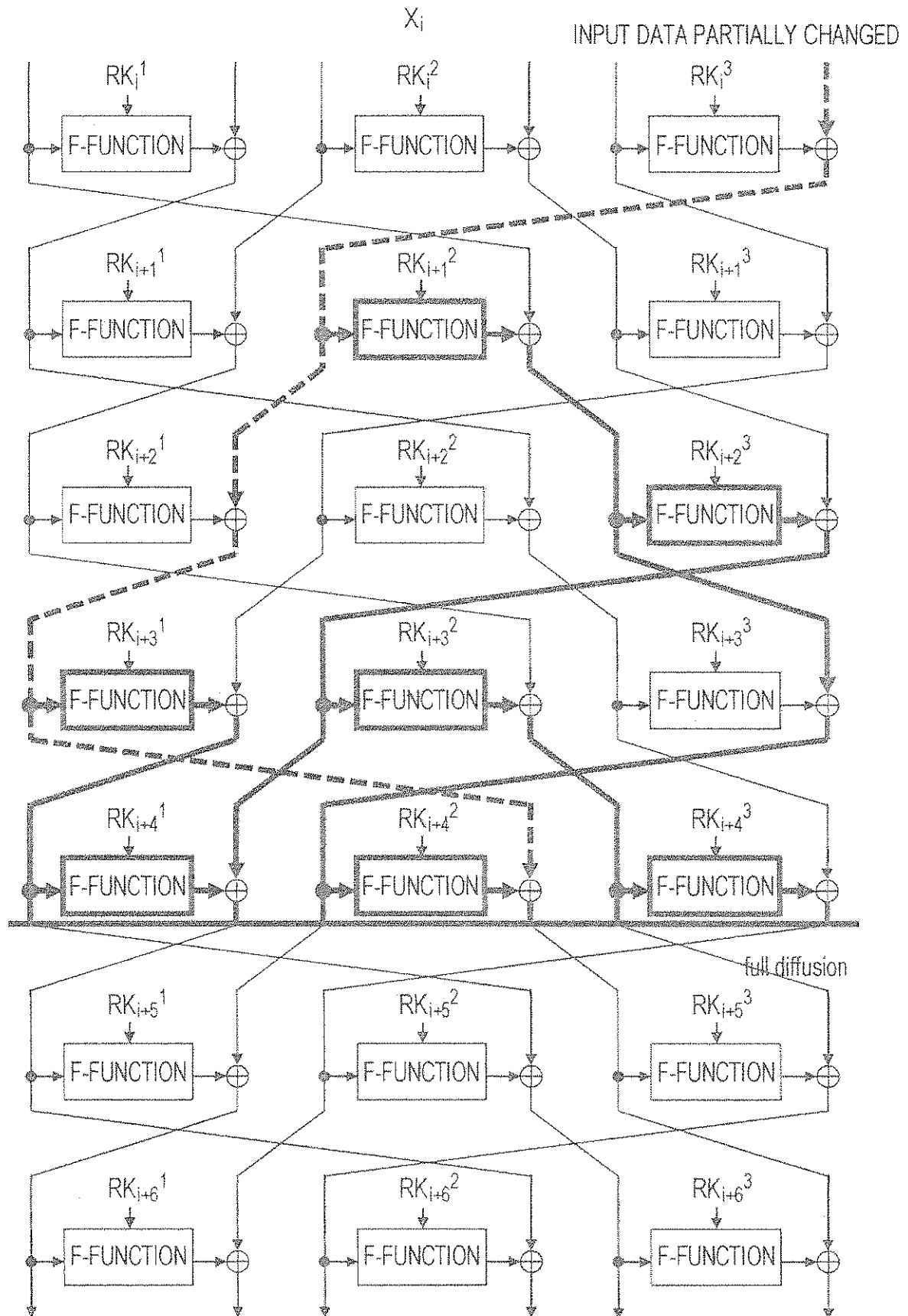


FIG. 20

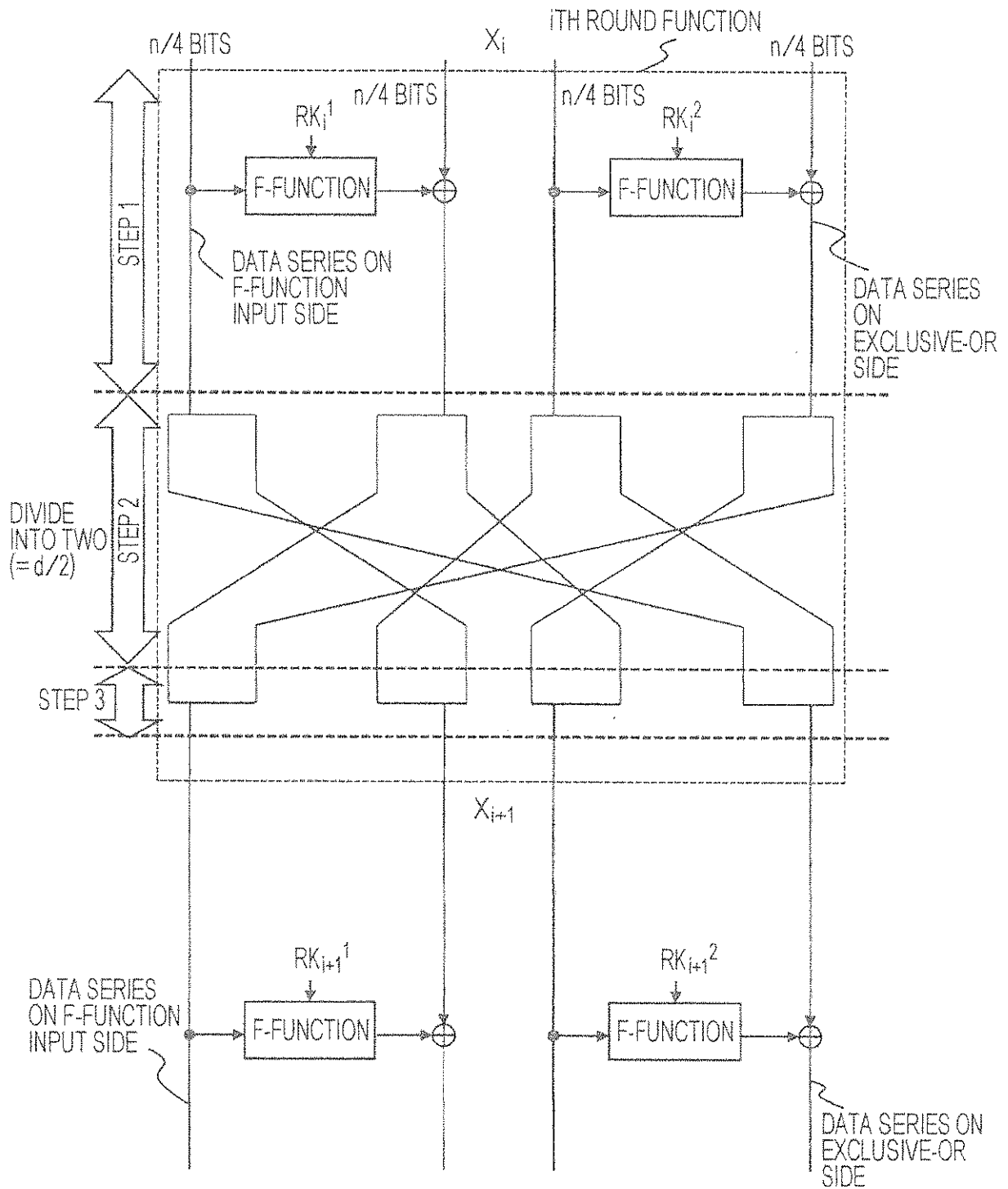


FIG. 21

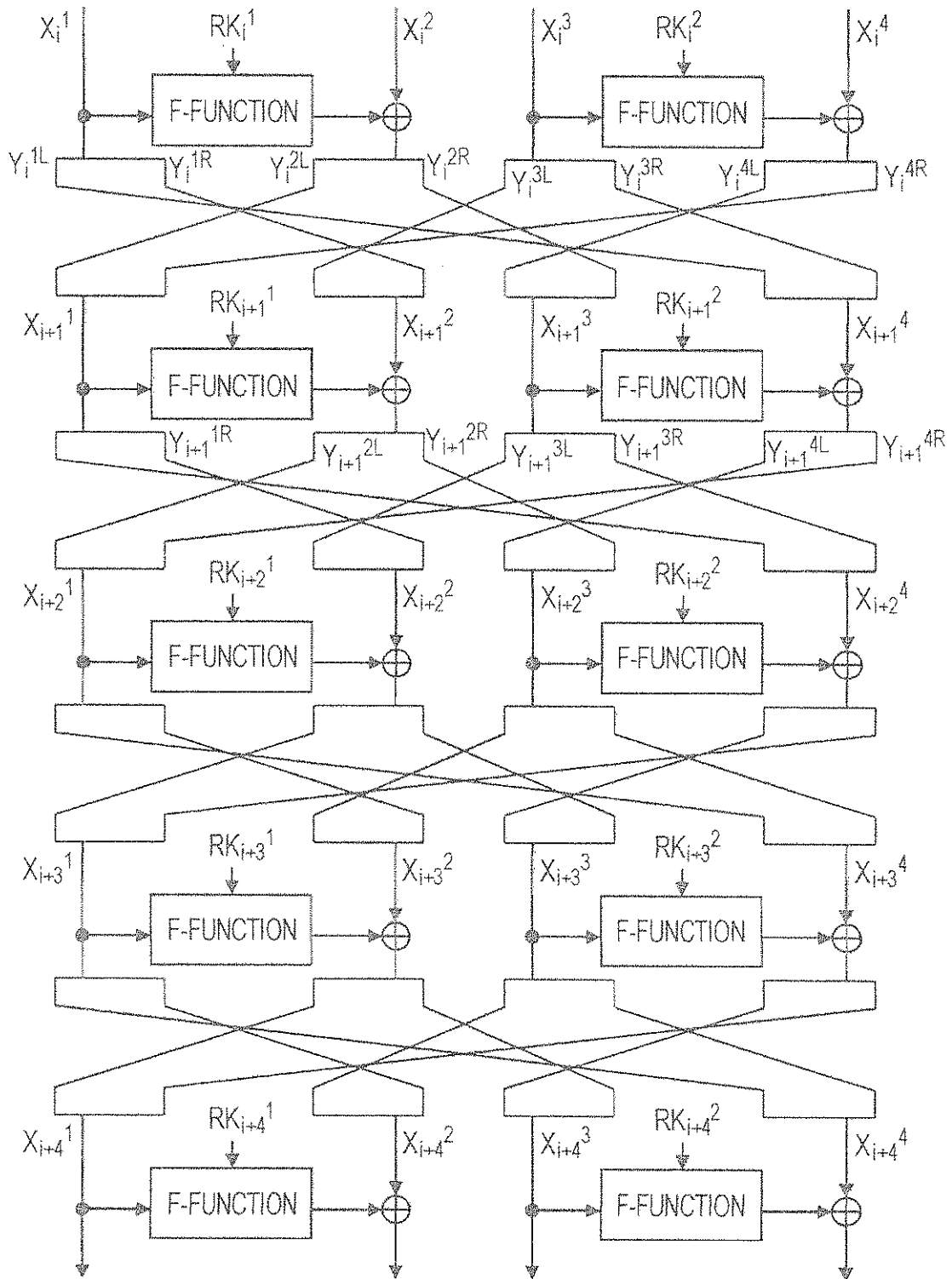
 X_i 

FIG. 22

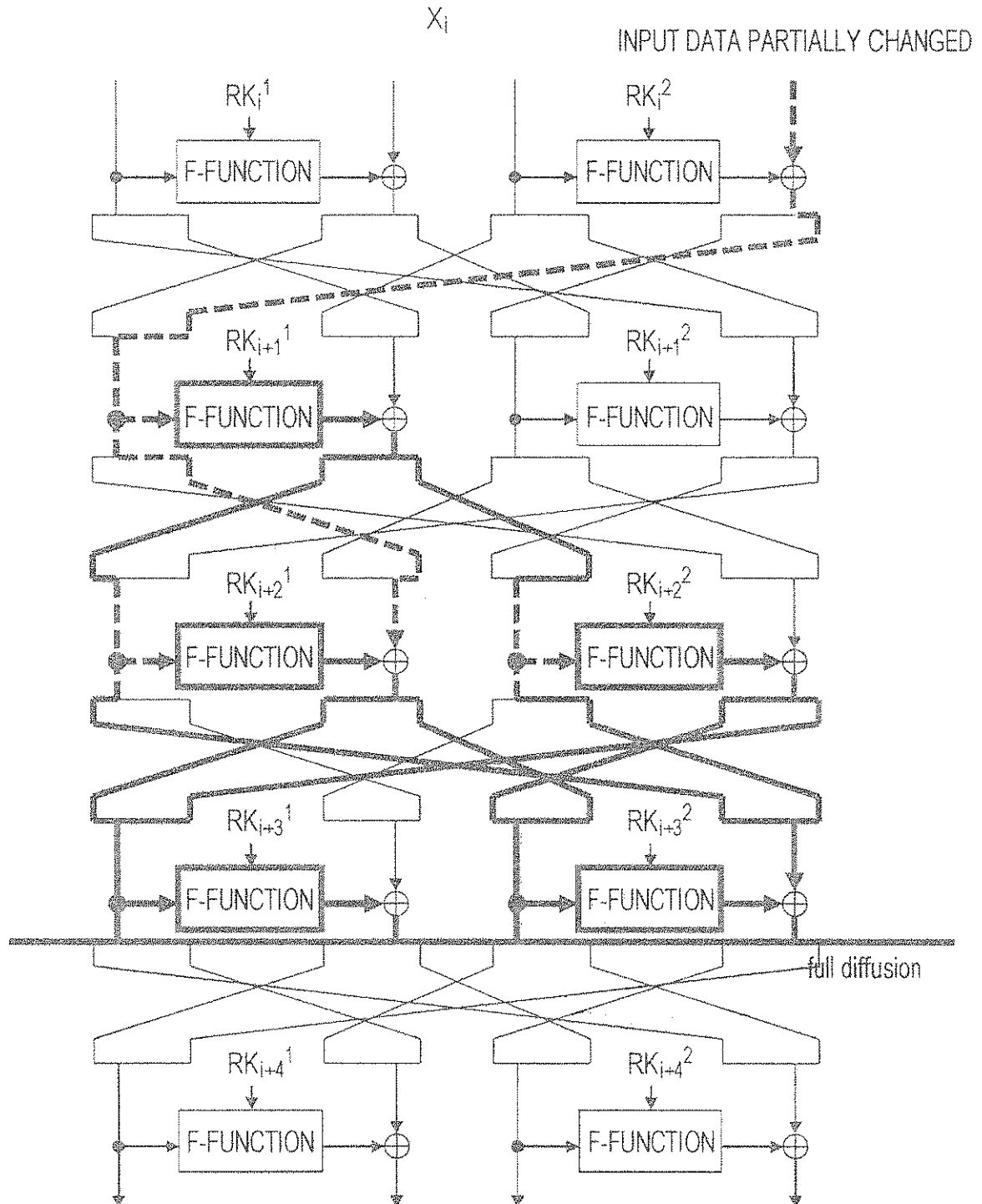


FIG. 23

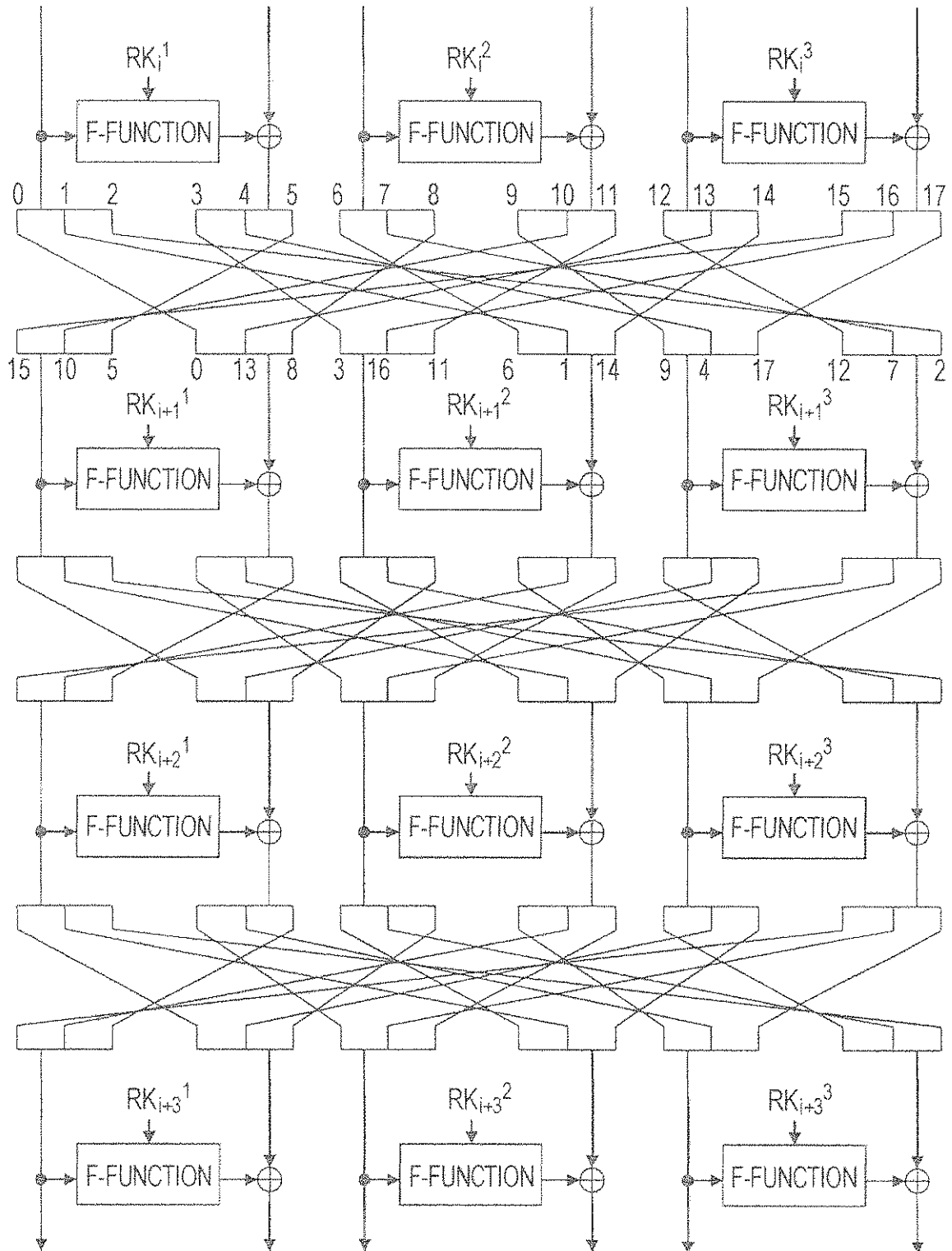
 X_i 

FIG. 24

 X_i

MAKE CHANGE TO MSB OF INPUT DATA

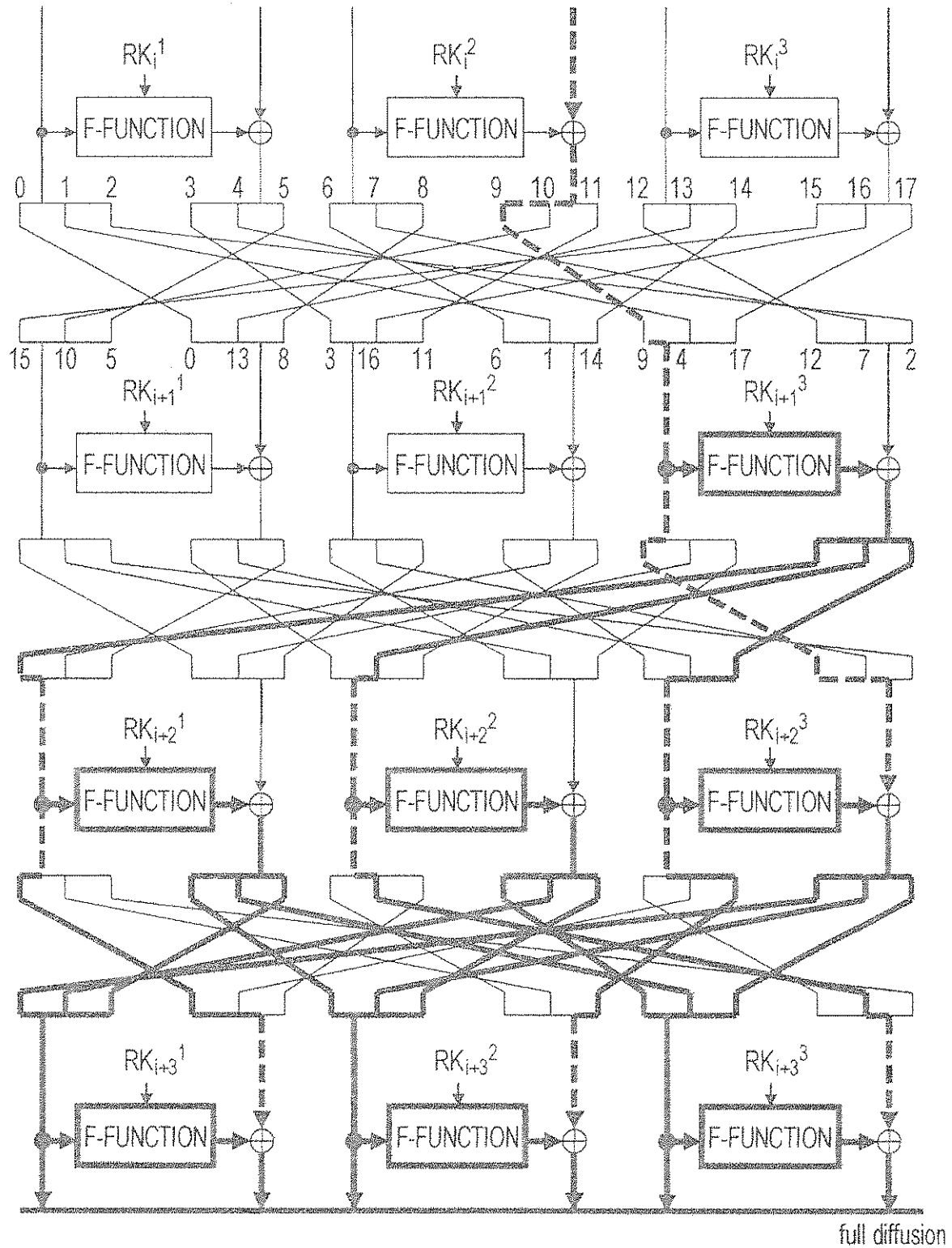


FIG. 25

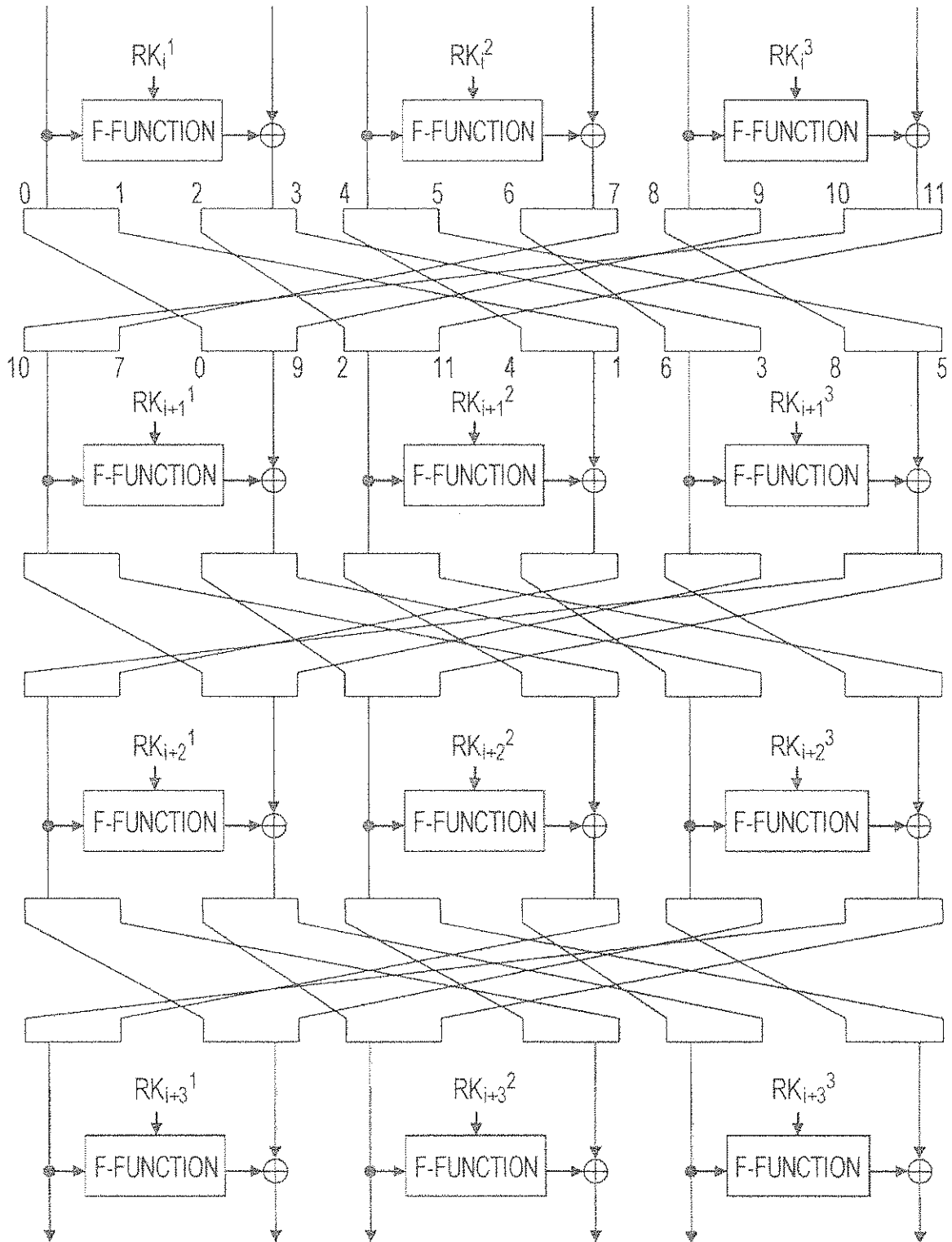
 X_i 

FIG. 26

RELATIONS AMONG n -BIT DATA DIVISION NUMBER d , d/n -BIT DATA DIVISION NUMBER p , AND NUMBER OF full-diffusion ROUNDS

$d \backslash p$	2	3	4	5	6	7	8	9	10	11	12
4	4	—	—	—	—	—	—	—	—	—	—
6	5	4	—	—	—	—	—	—	—	—	—
8	5	5	4	—	—	—	—	—	—	—	—
10	6	5	5	4	—	—	—	—	—	—	—
12	6	5	5	5	4	—	—	—	—	—	—
14	6	5	5	5	5	4	—	—	—	—	—
16	6	5	5	5	5	5	4	—	—	—	—
18	7	5	5	5	5	5	5	4	—	—	—
20	7	6	5	5	5	5	5	5	4	—	—
22	7	6	5	5	5	5	5	5	5	4	—
24	7	6	5	5	5	5	5	5	5	5	4

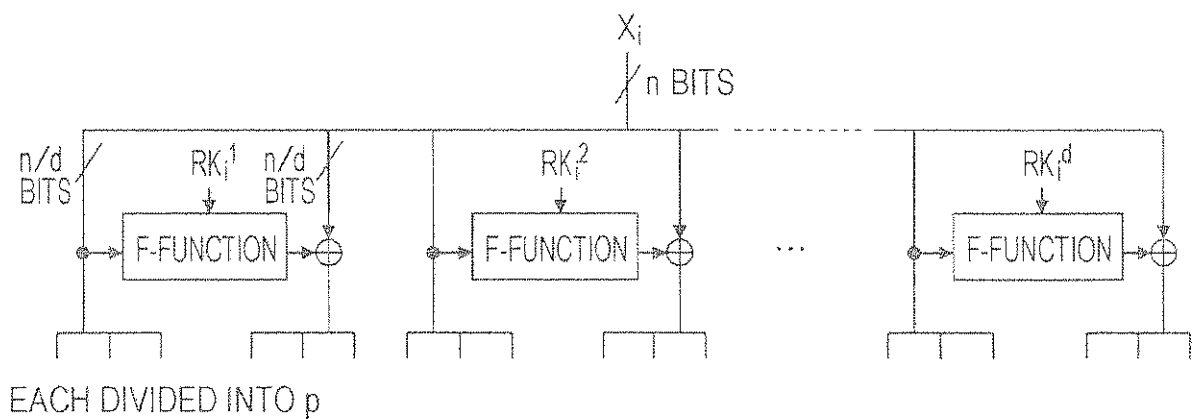


FIG. 27

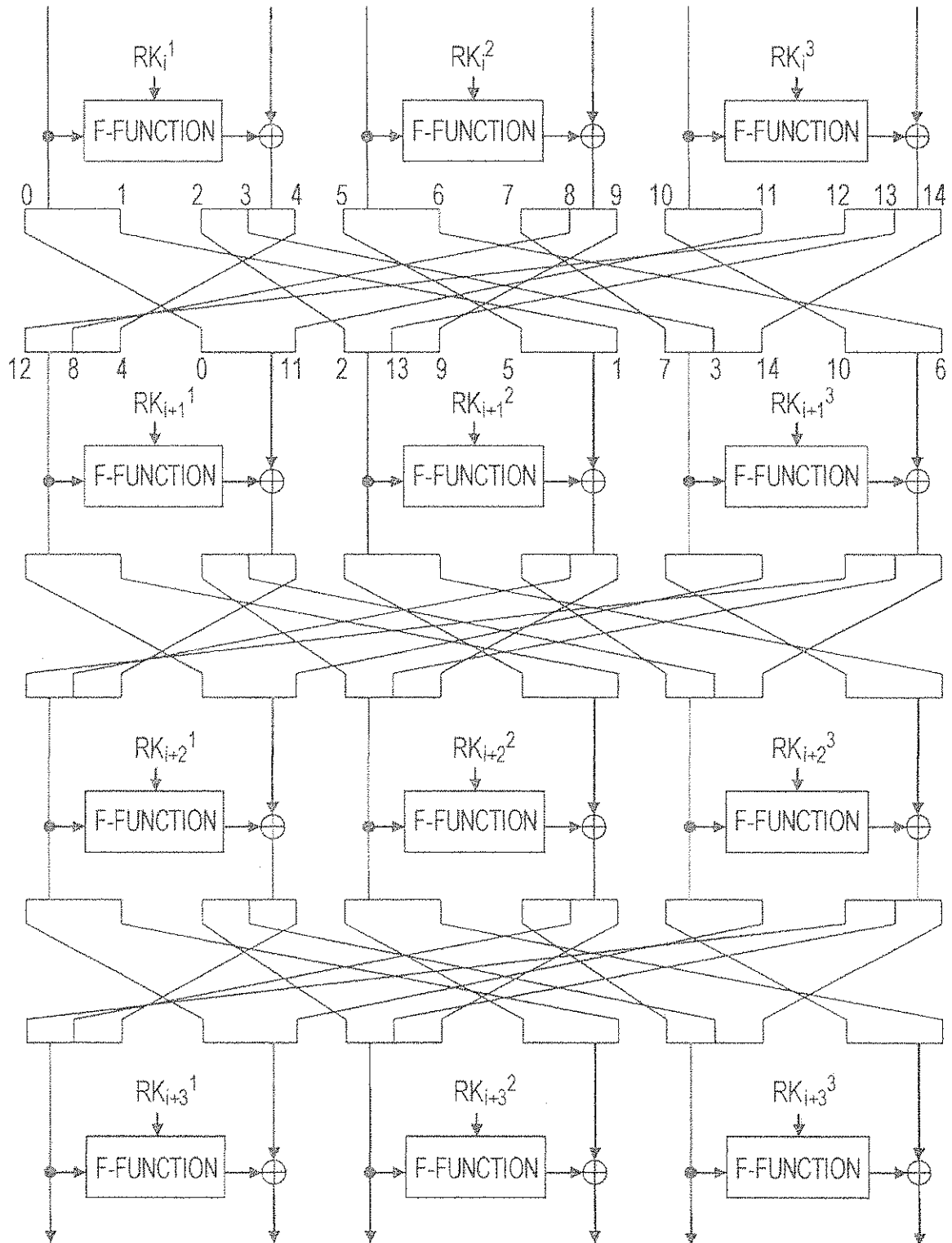
 X_i 

FIG. 28

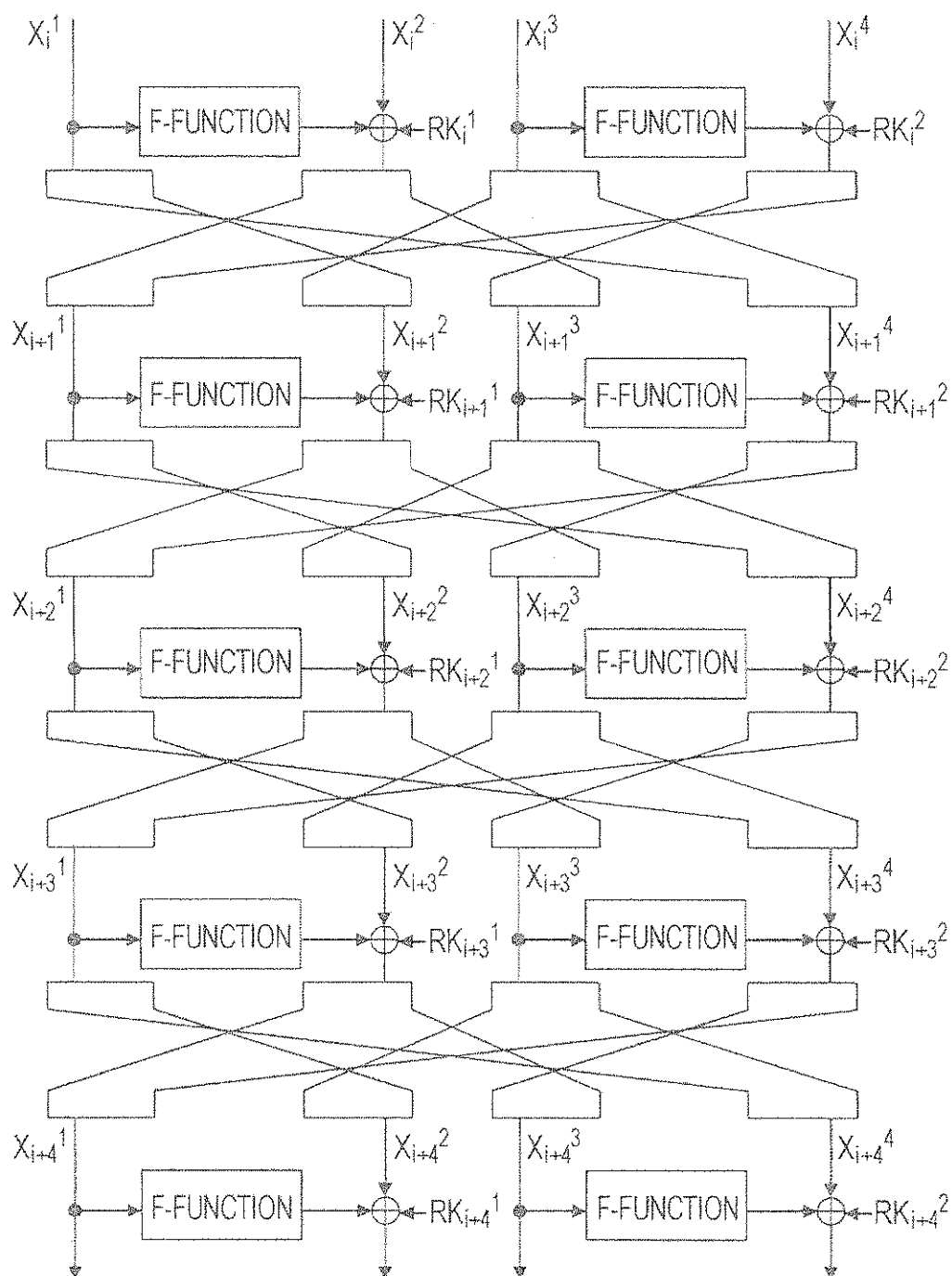
 X_i 

FIG. 29

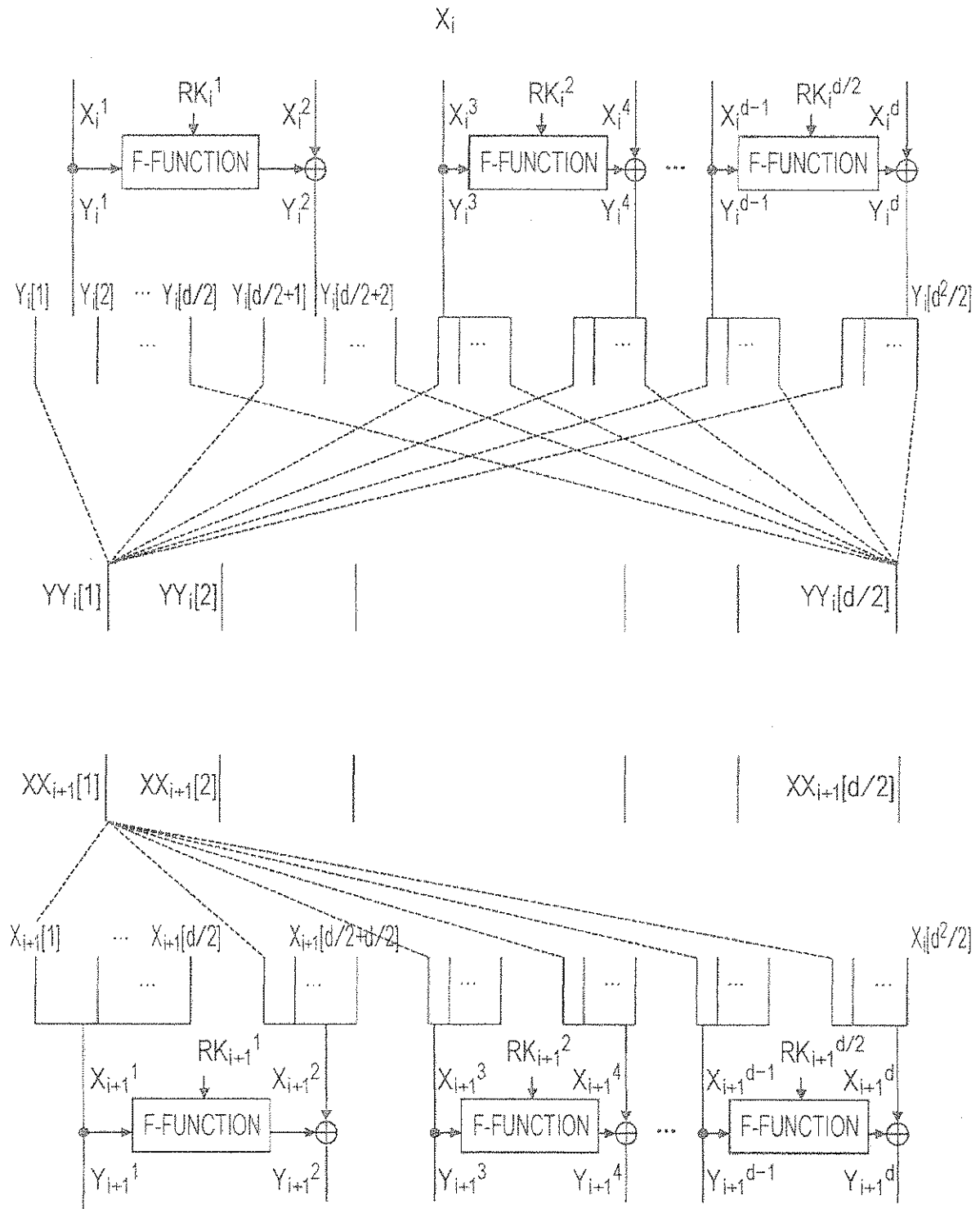


FIG. 30

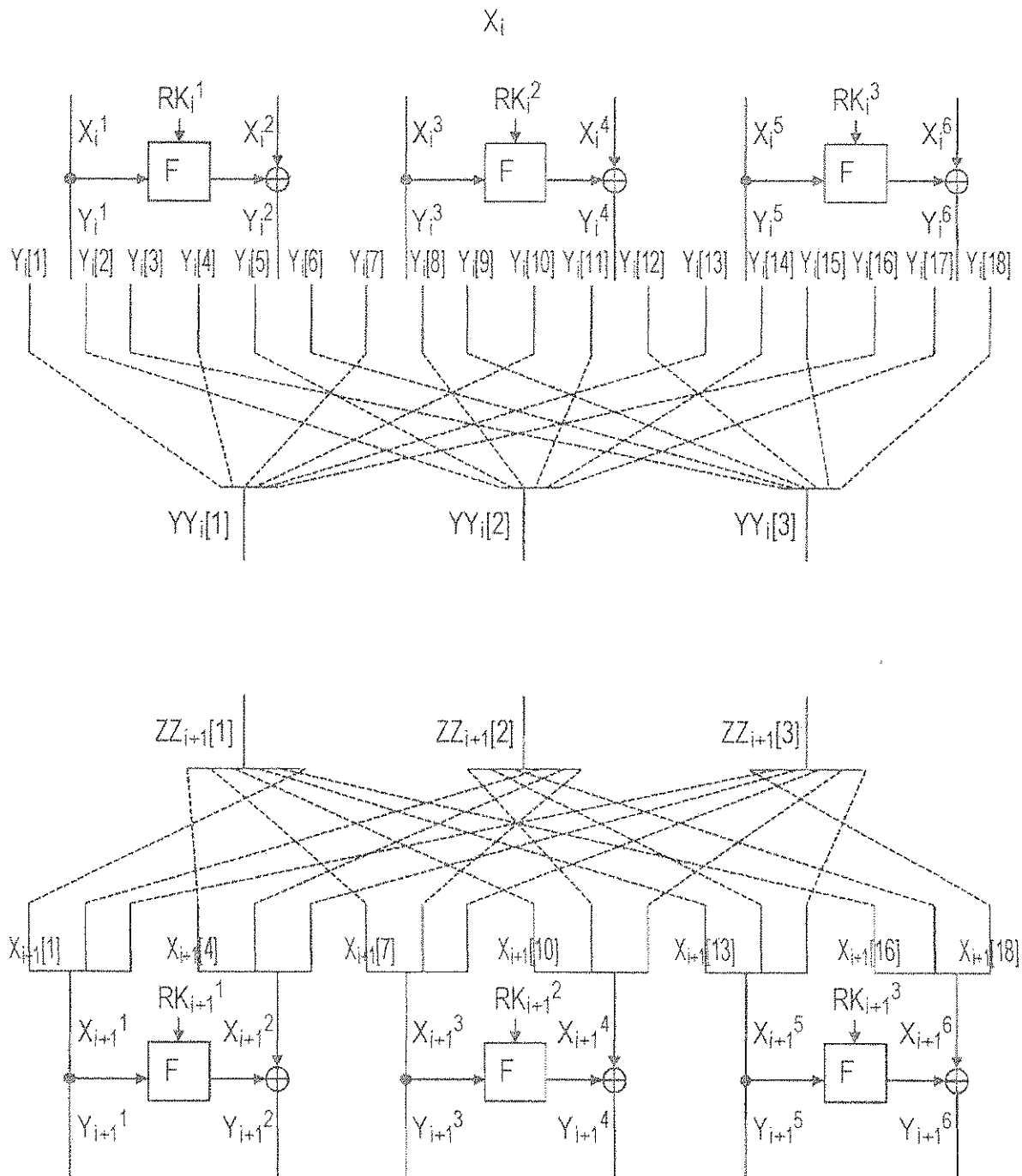


FIG. 31

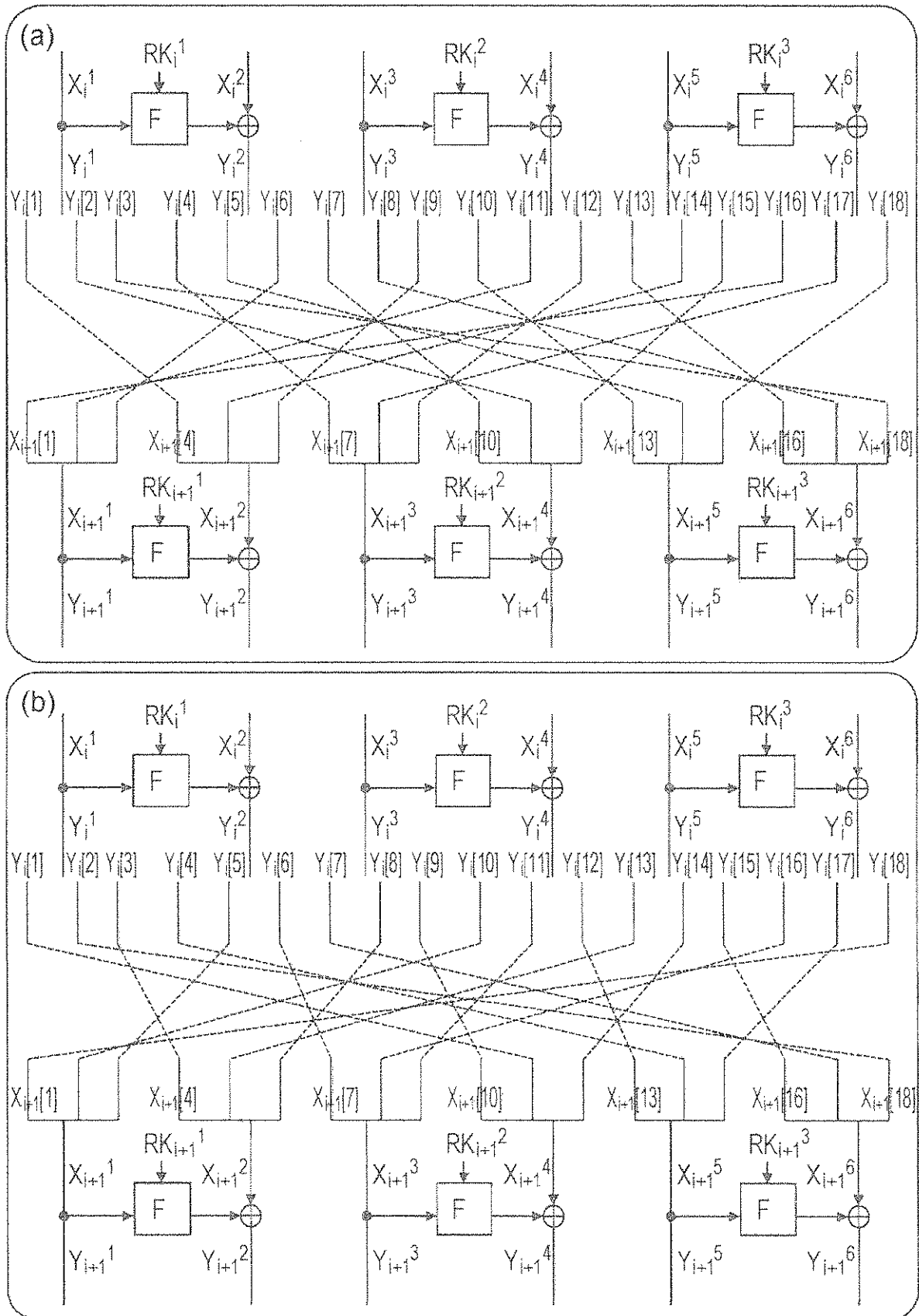


FIG. 32

Feistel STRUCTURE (ENCRYPTION FUNCTION)

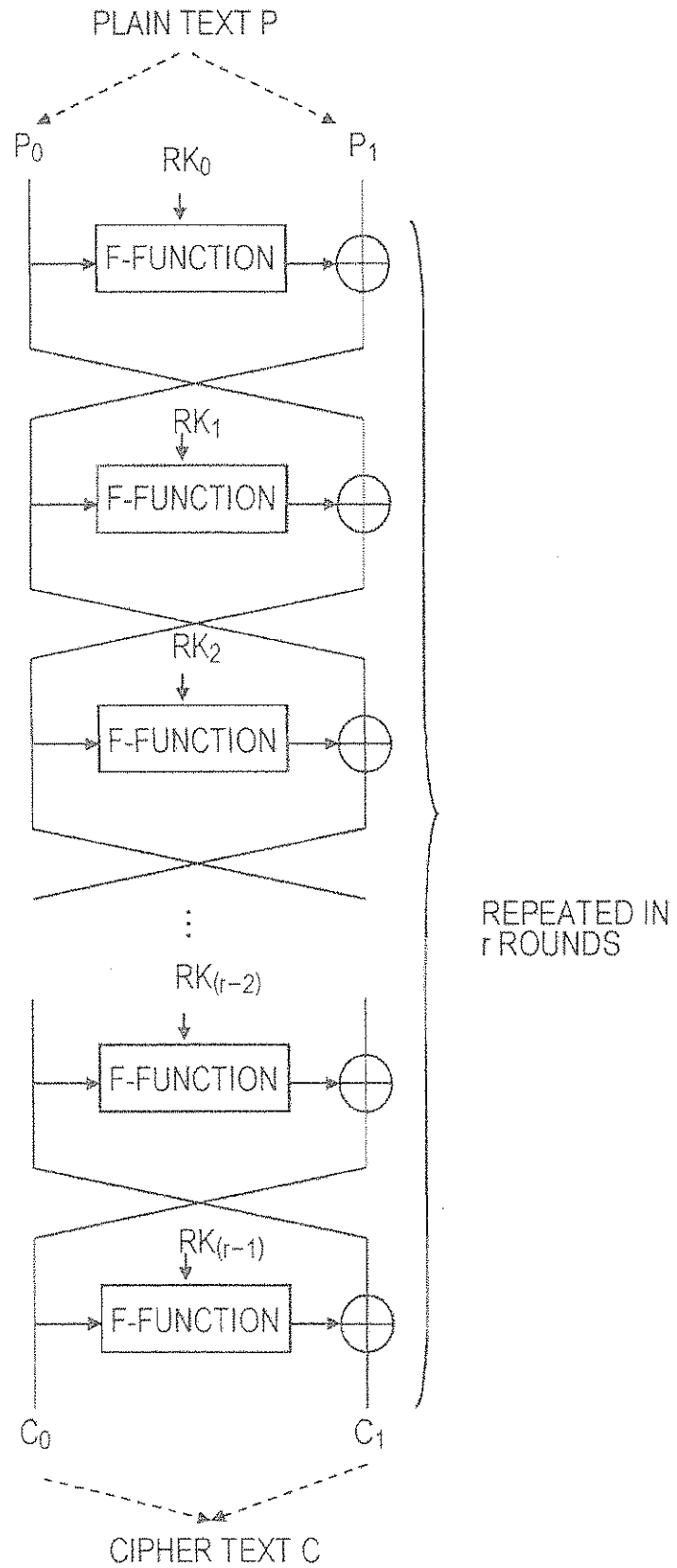


FIG. 33

Feistel STRUCTURE (DECRYPTION FUNCTION)

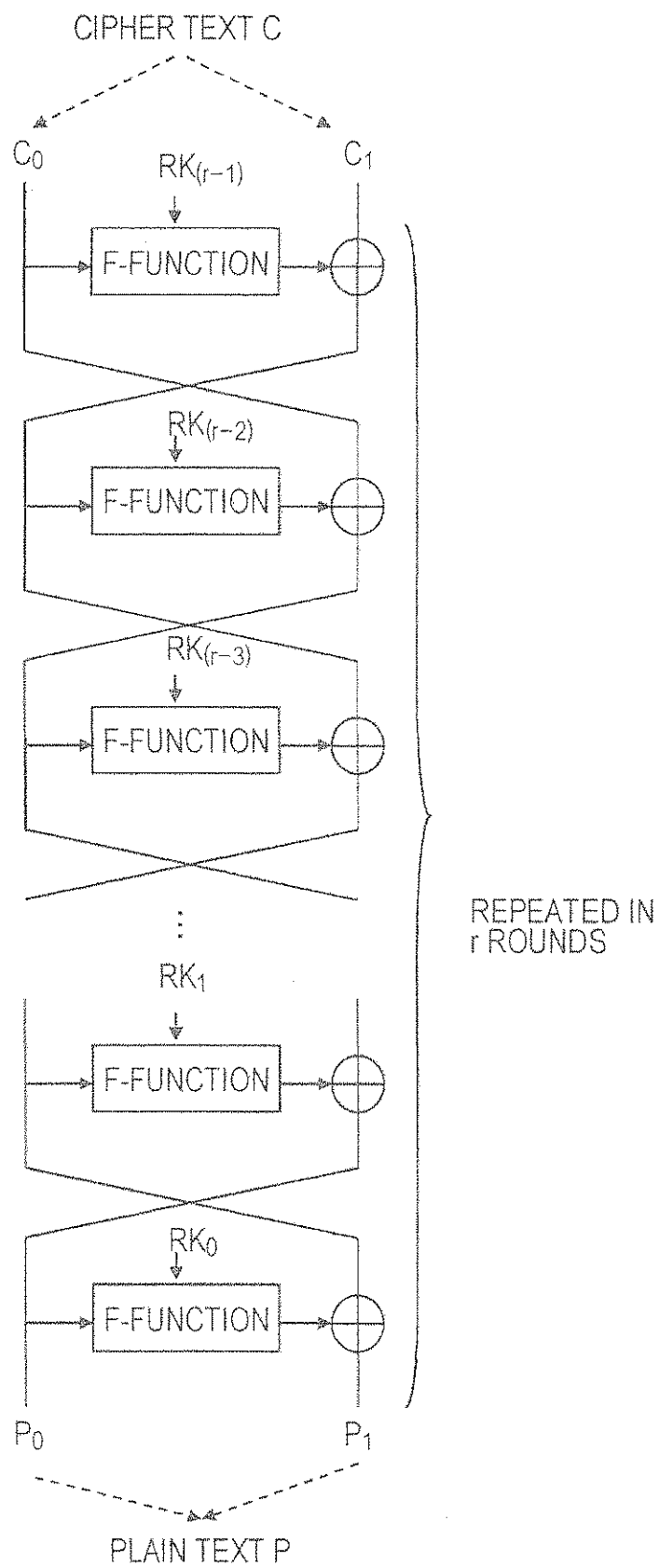


FIG. 34

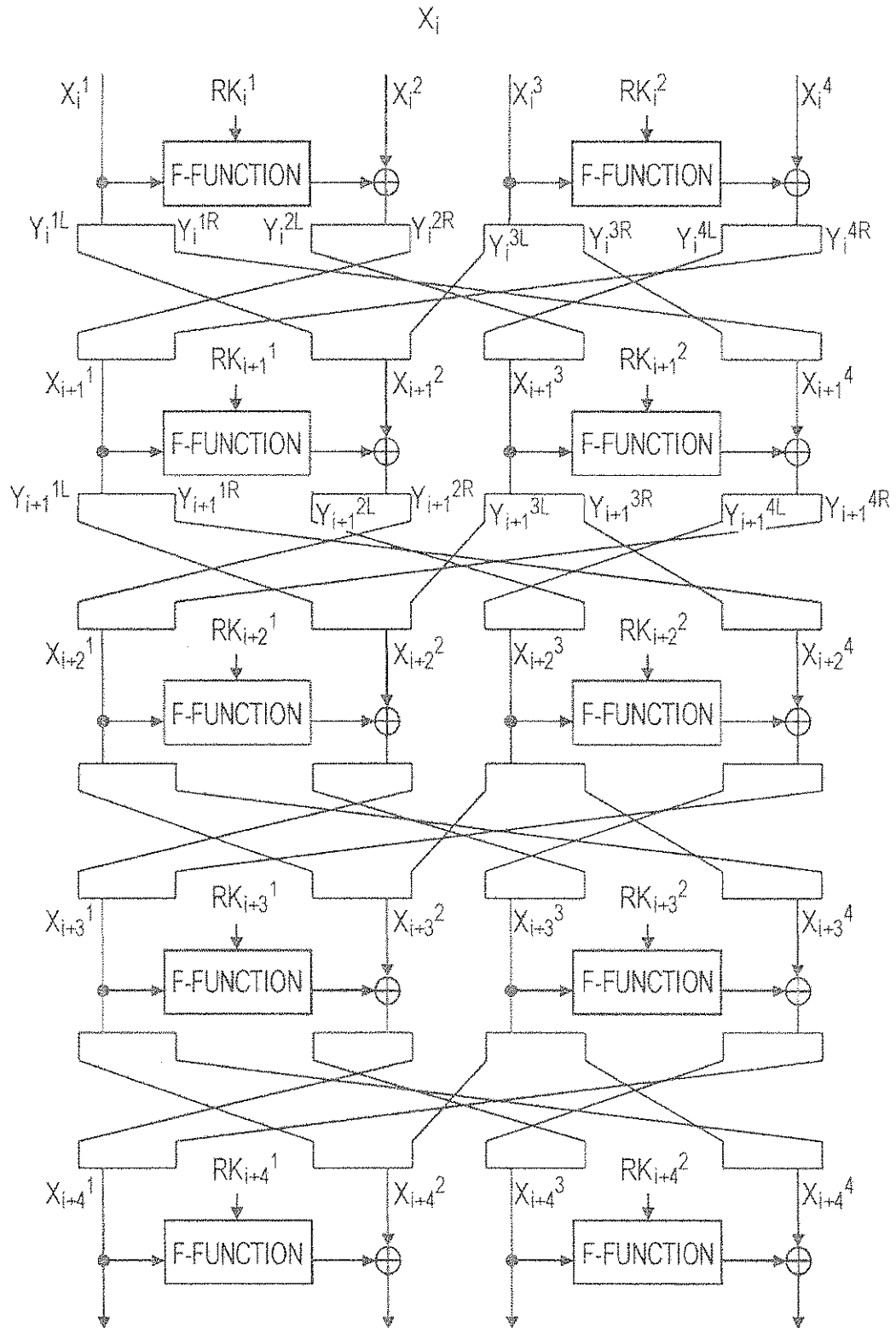


FIG. 35

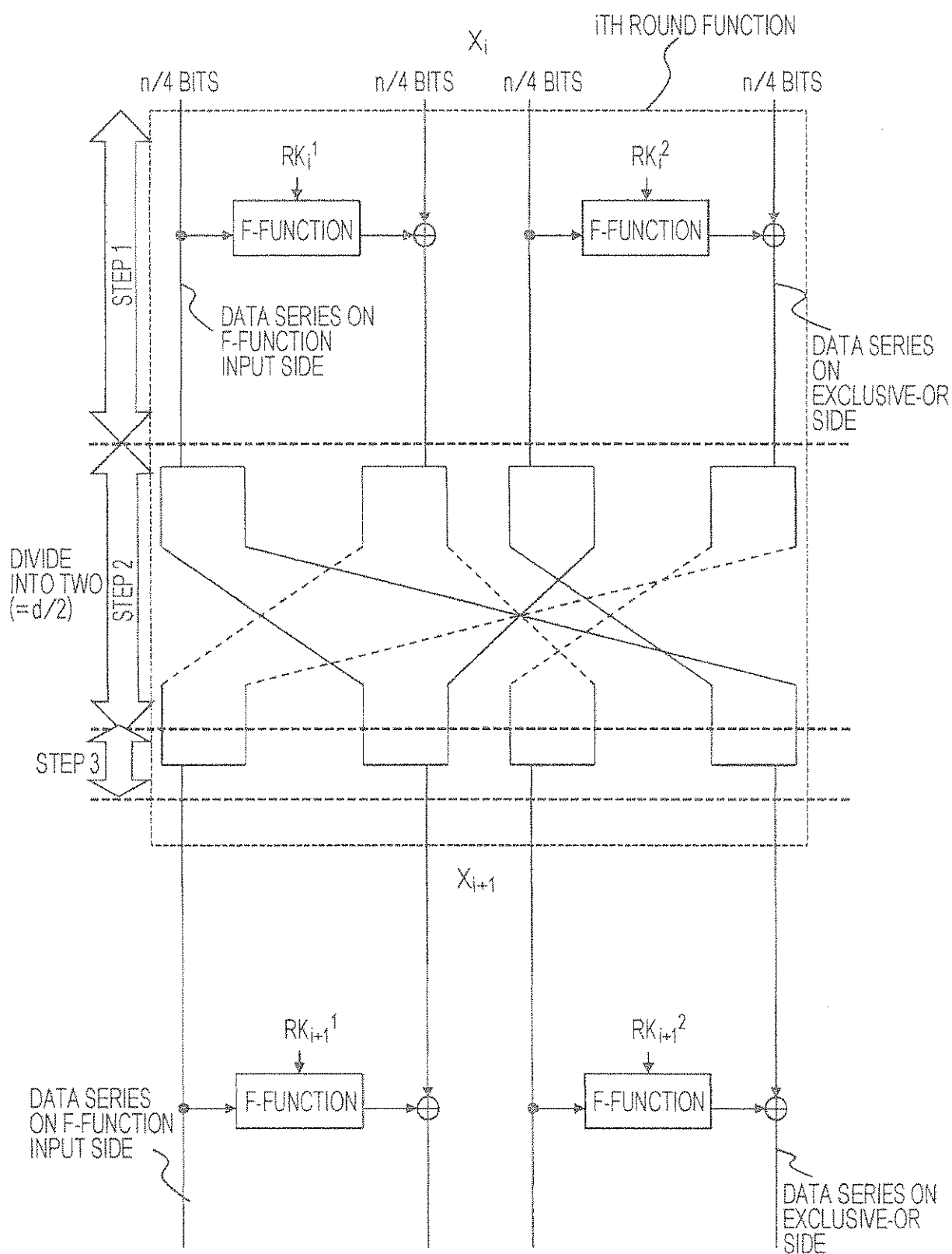


FIG. 36

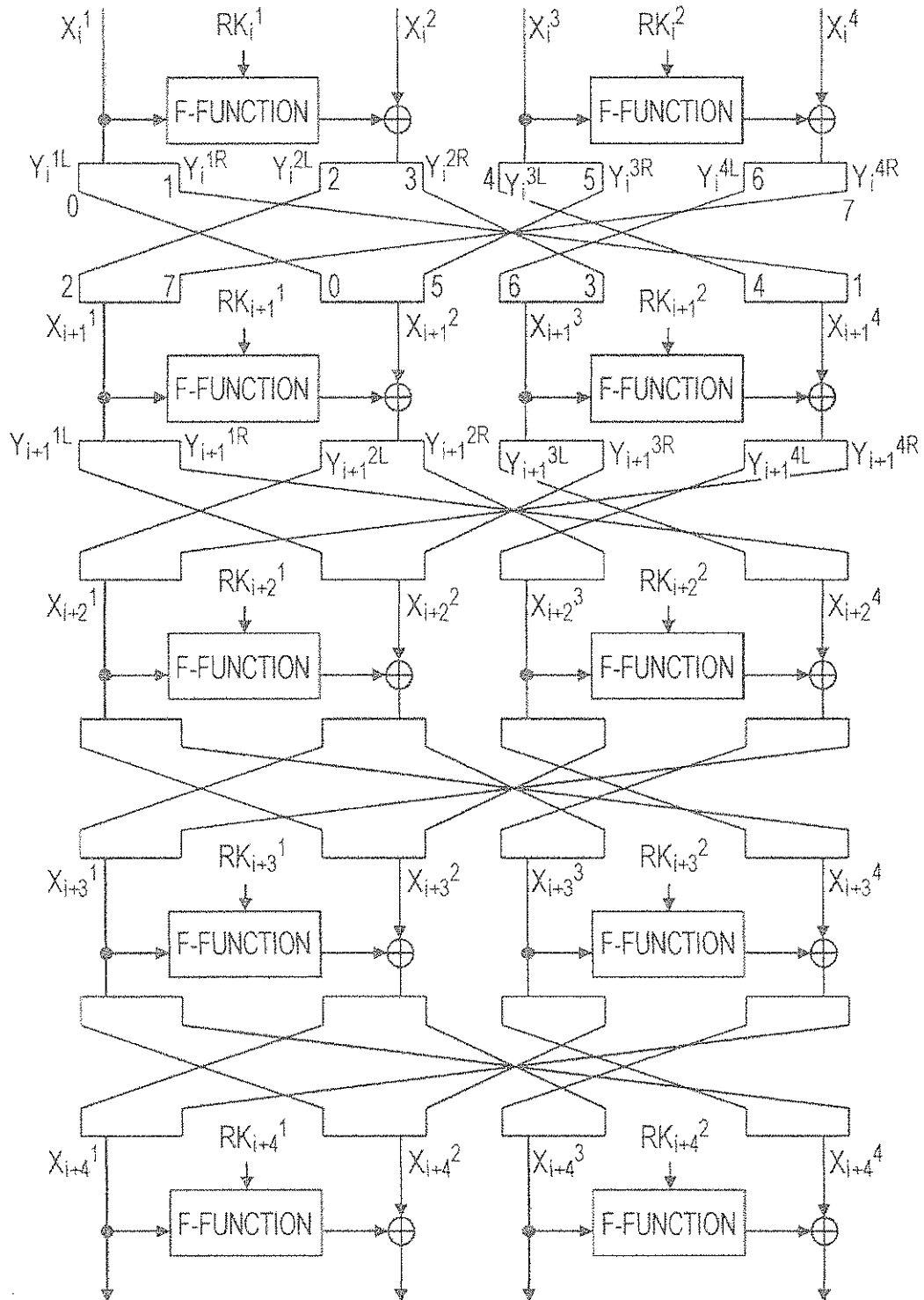
 X_i 

FIG. 37

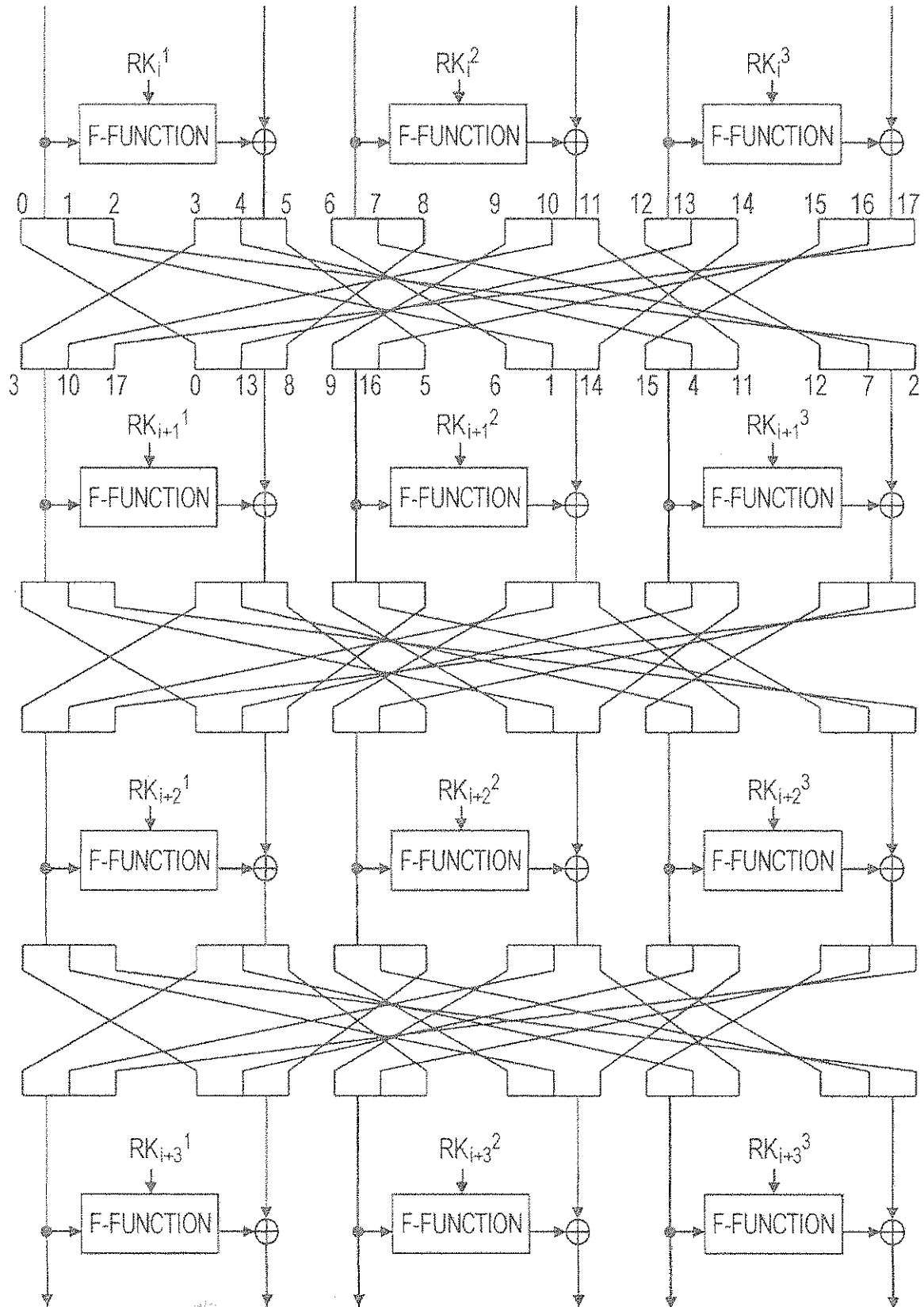
 X_i 

FIG. 38

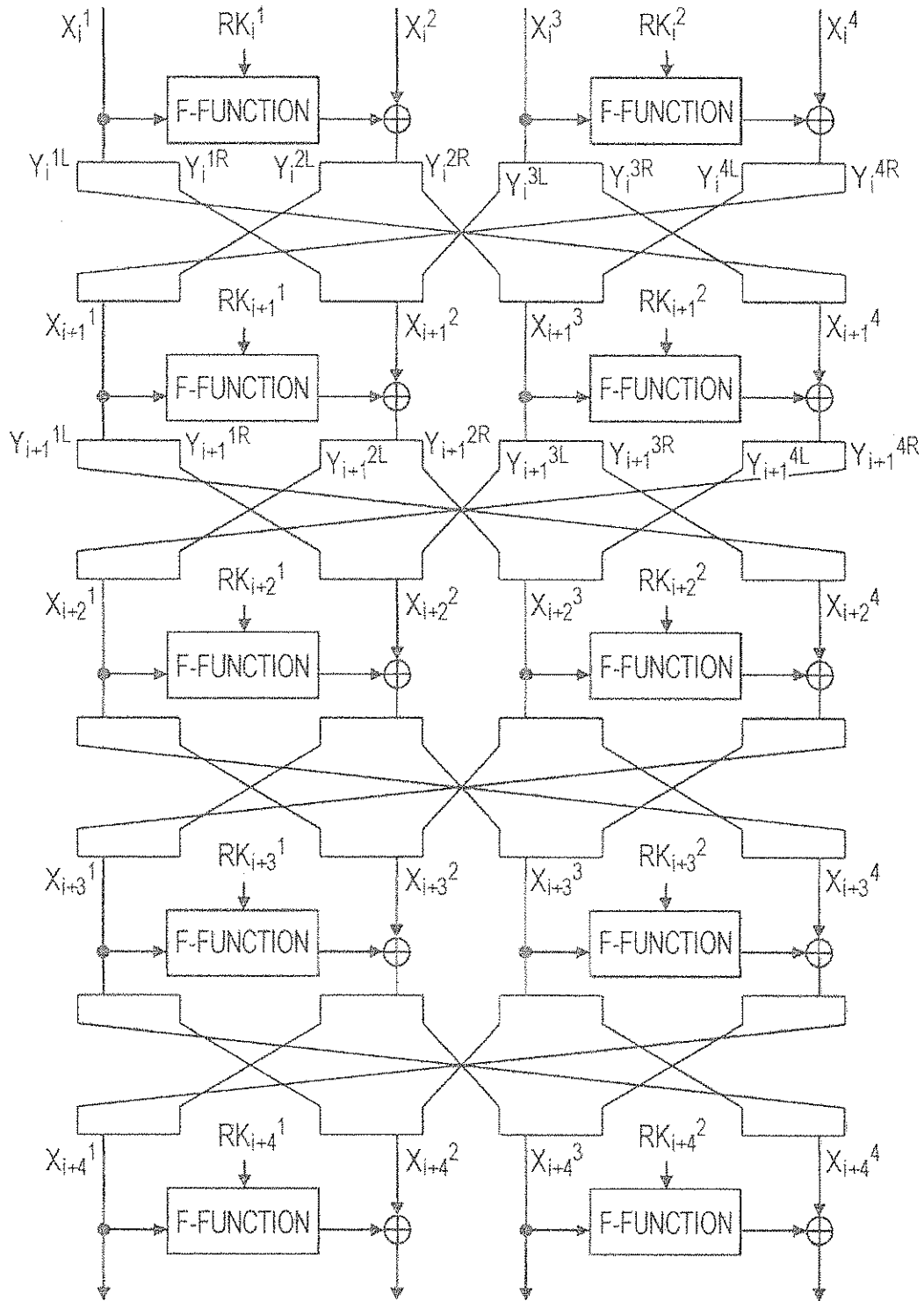
 X_i 

FIG. 39

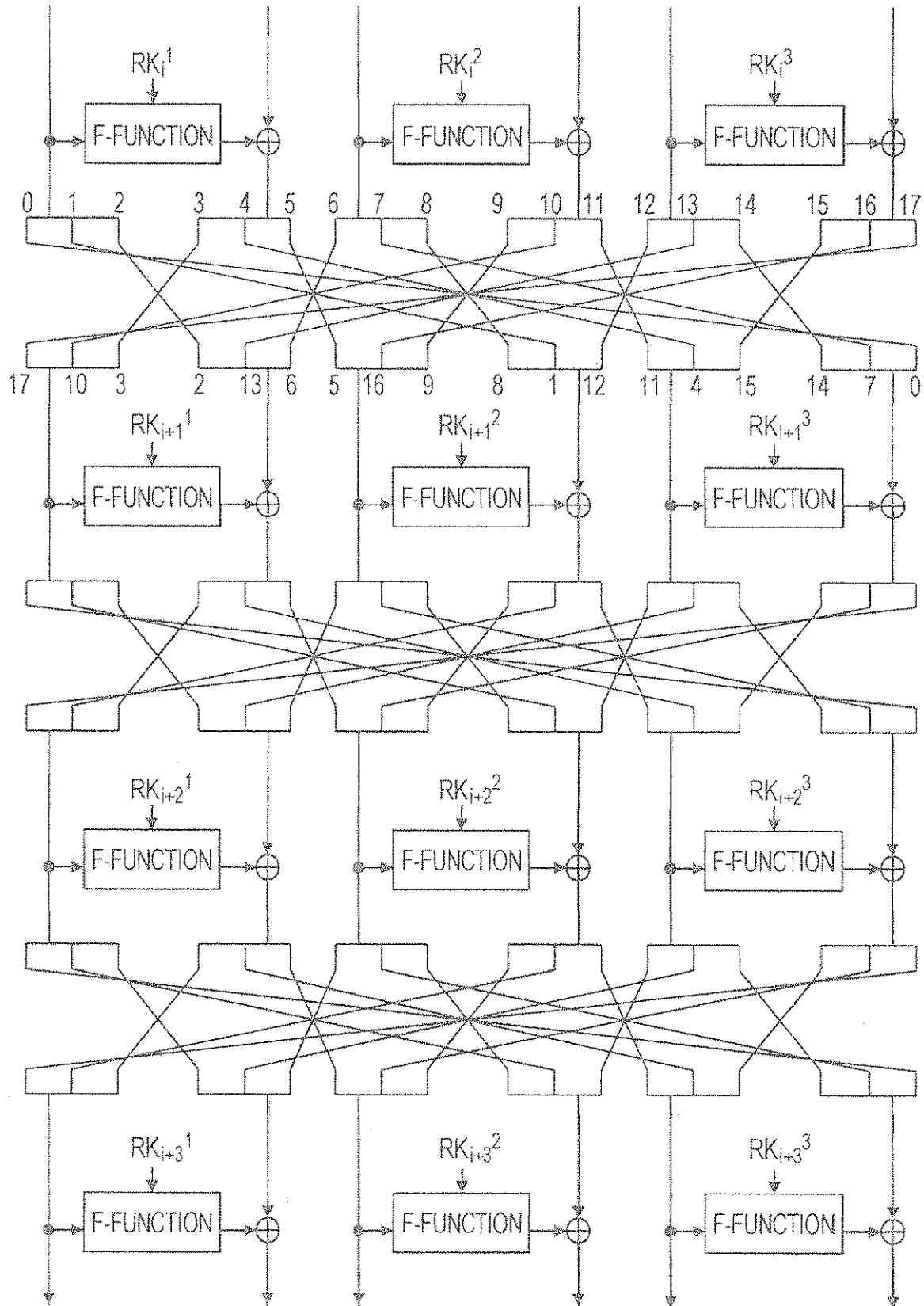
 X_i 

FIG. 40

