

FIG. 1

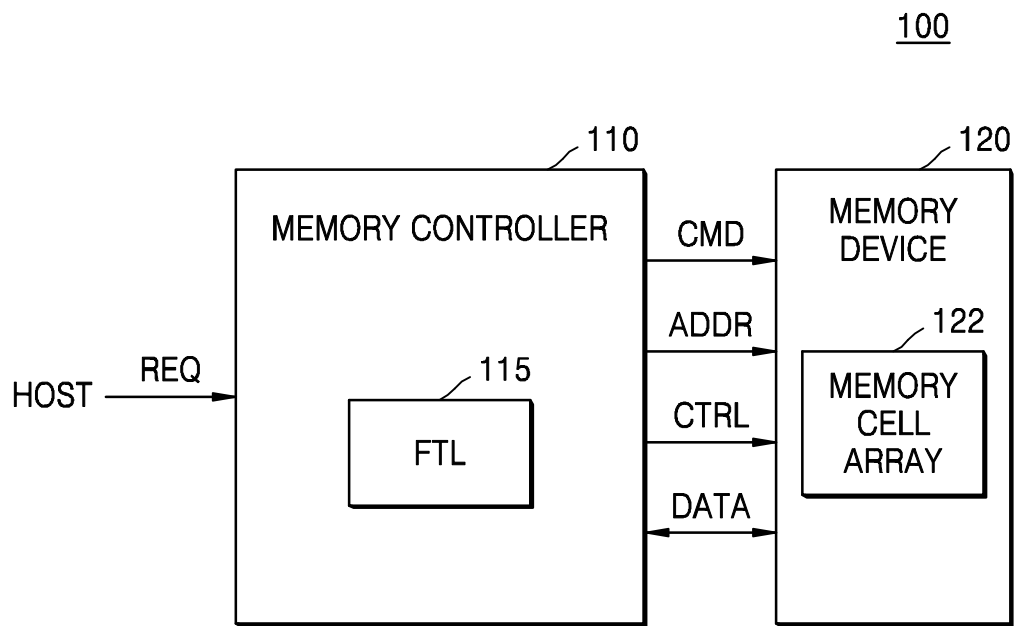


FIG. 2

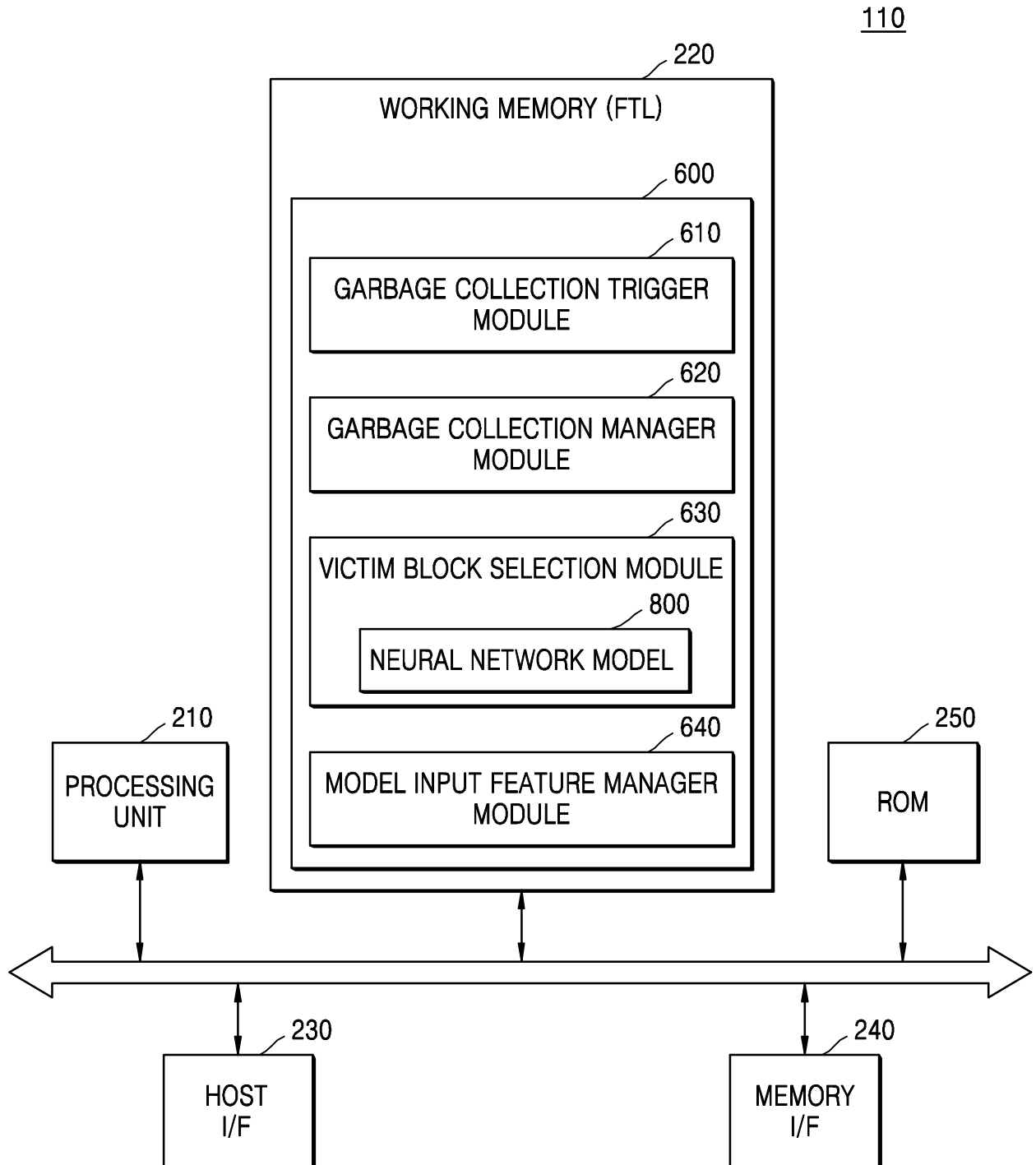


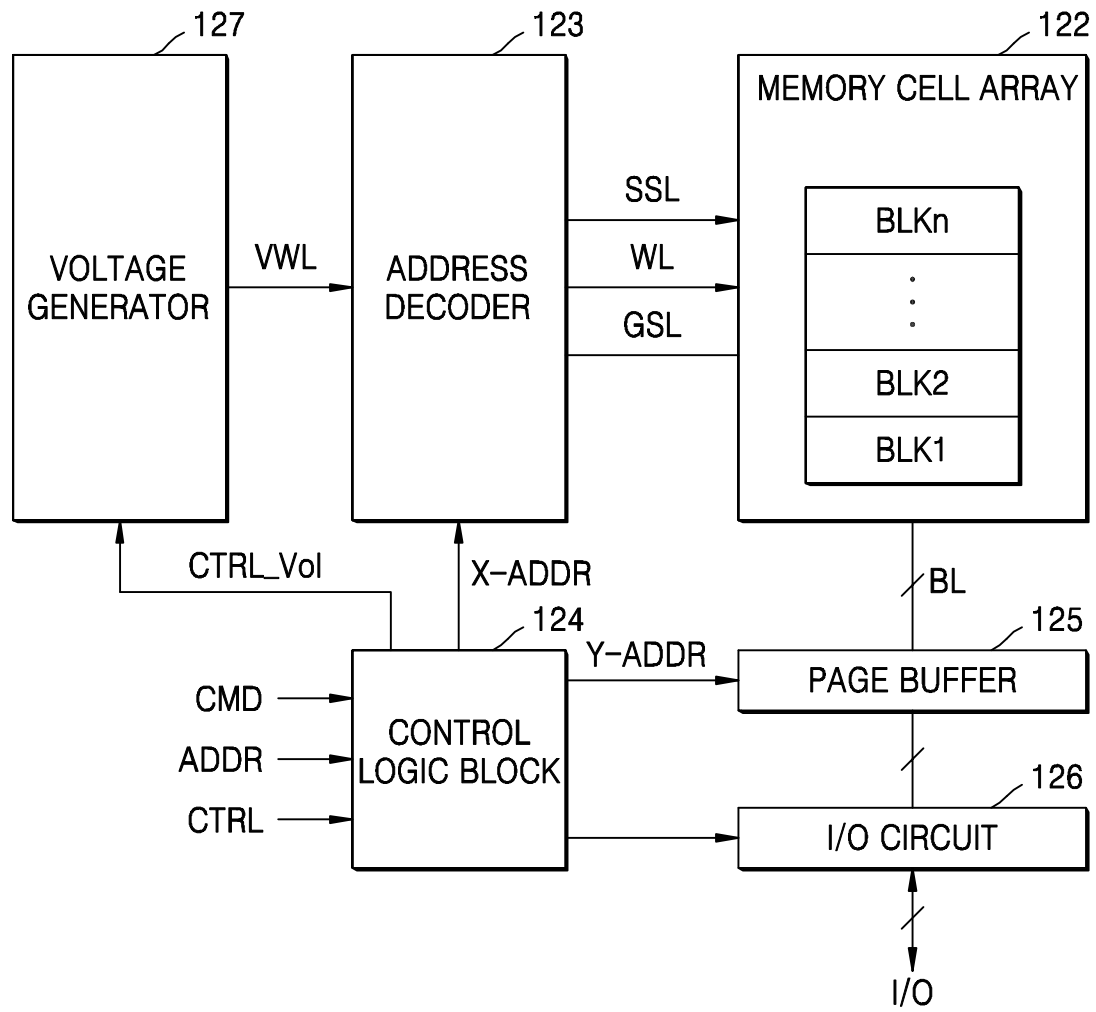
FIG. 3120

FIG. 4

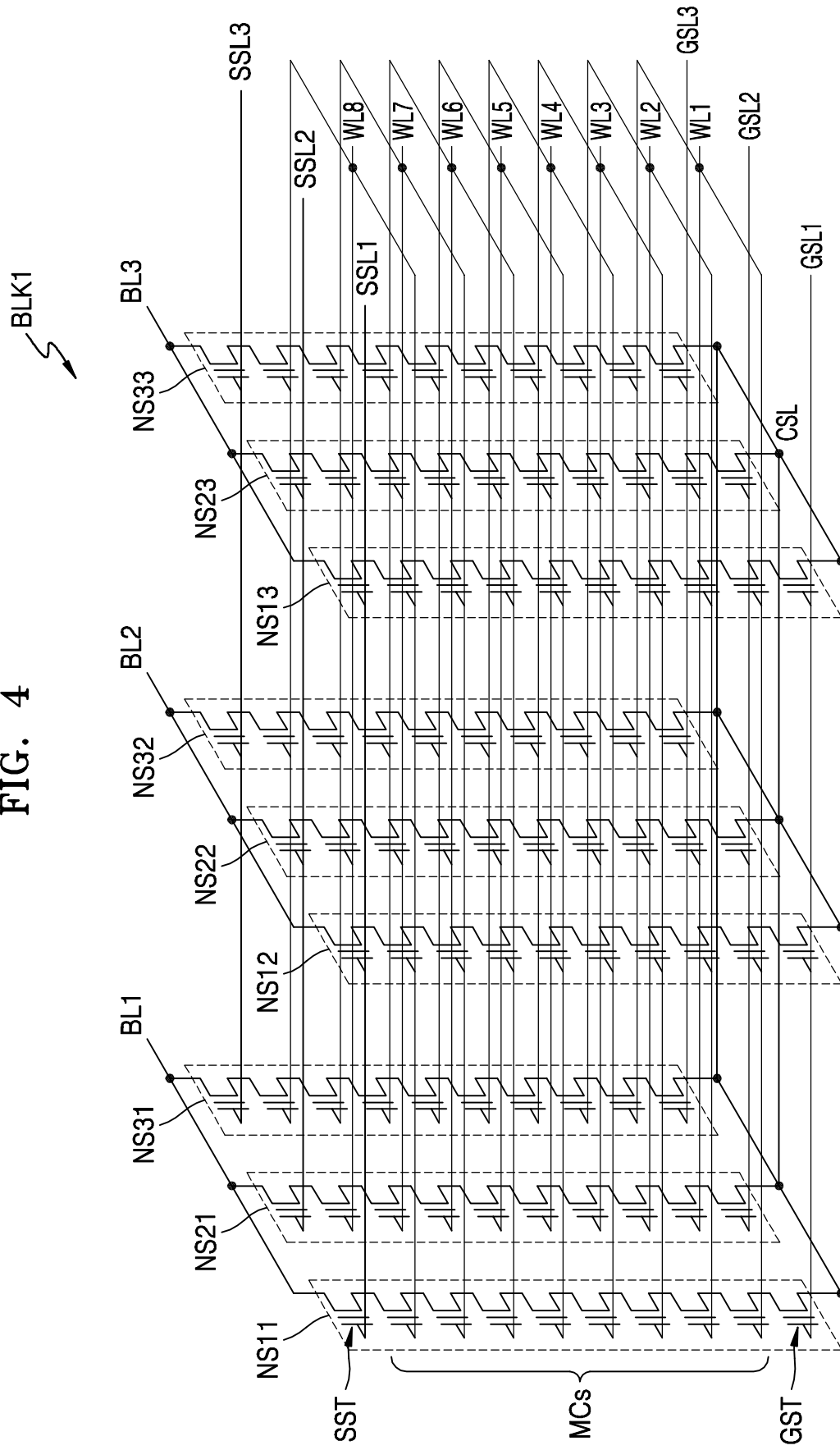


FIG. 5

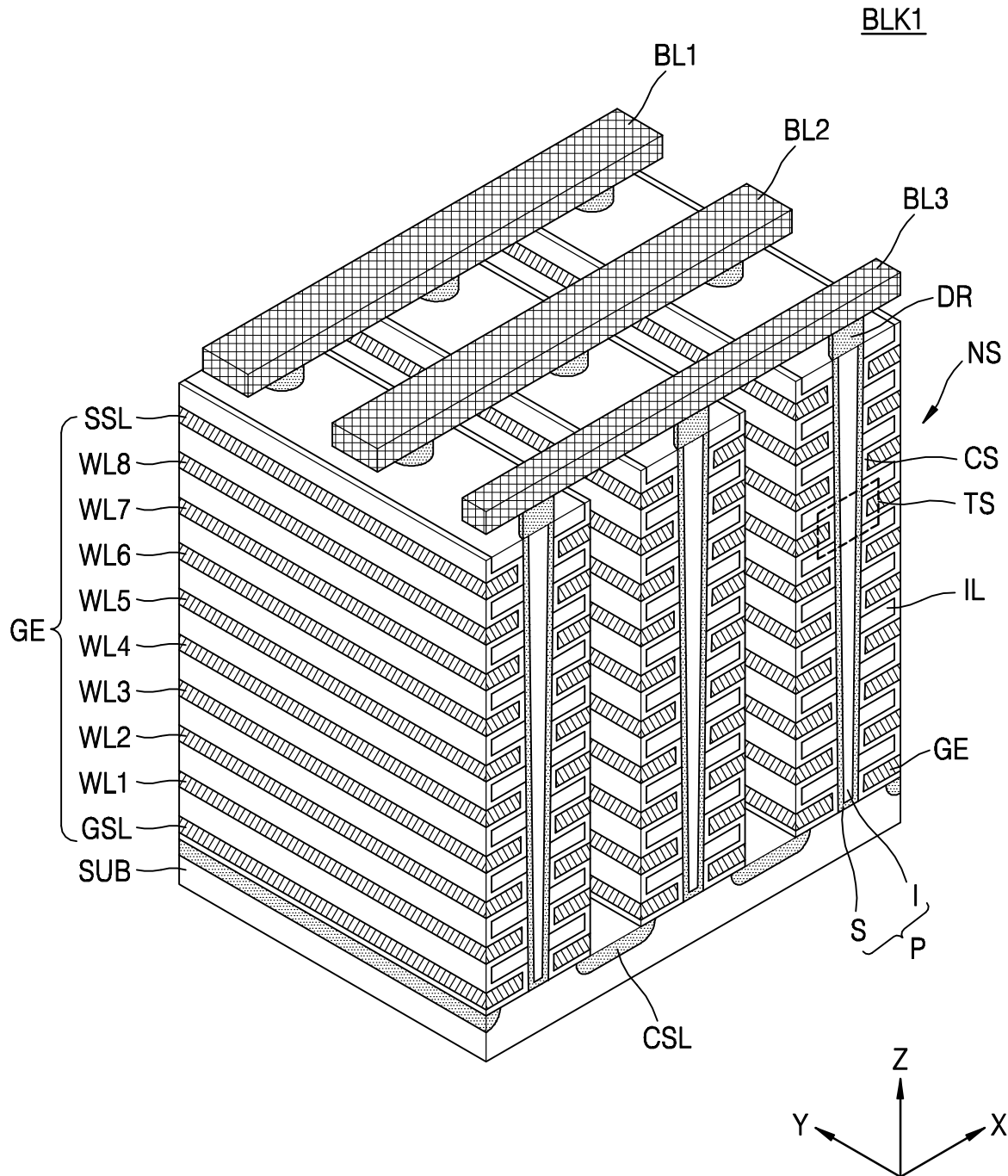


FIG. 6

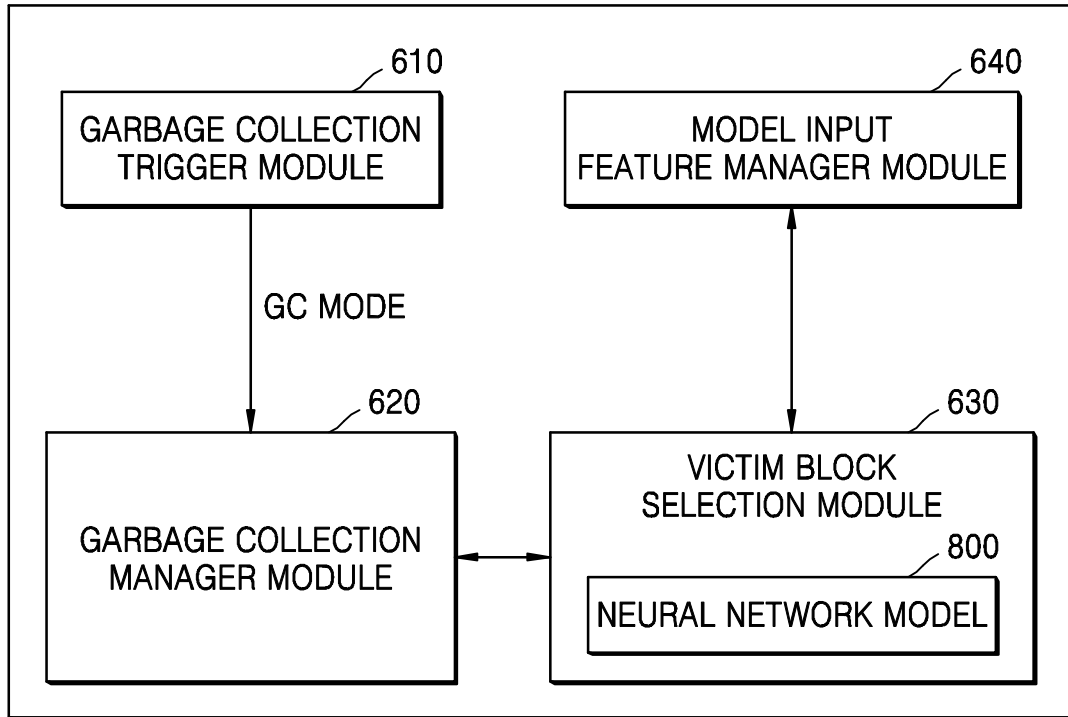
600

FIG. 7A

NO.	INFORMATION OF MODEL INPUT FEATURE MANAGER MODULE
1	VPC/BLOCK
2	AVERAGE READ IOPS
3	AVERAGE WRITE IOPS
4	AVERAGE READ IO SIZE
5	AVERAGE WRITE IO SIZE
6	READ THROUGHPUT
7	WRITE THROUGHPUT
8	FREE BLOCK COUNT

FIG. 7B

STEP t-2

BN	VPC
1	2000
2	1300
3	5000
4	3000
5	600
...	...

STEP t-1

BN	VPC
1	1500
2	1400
3	5000
4	3000
5	600
...	...

STEP t

BN	VPC
1	1000
2	1500
3	5000
4	3000
5	8000
...	...

BN : BLOCK NUMBER
VPC : VALID PAGE COUNT

FIG. 8

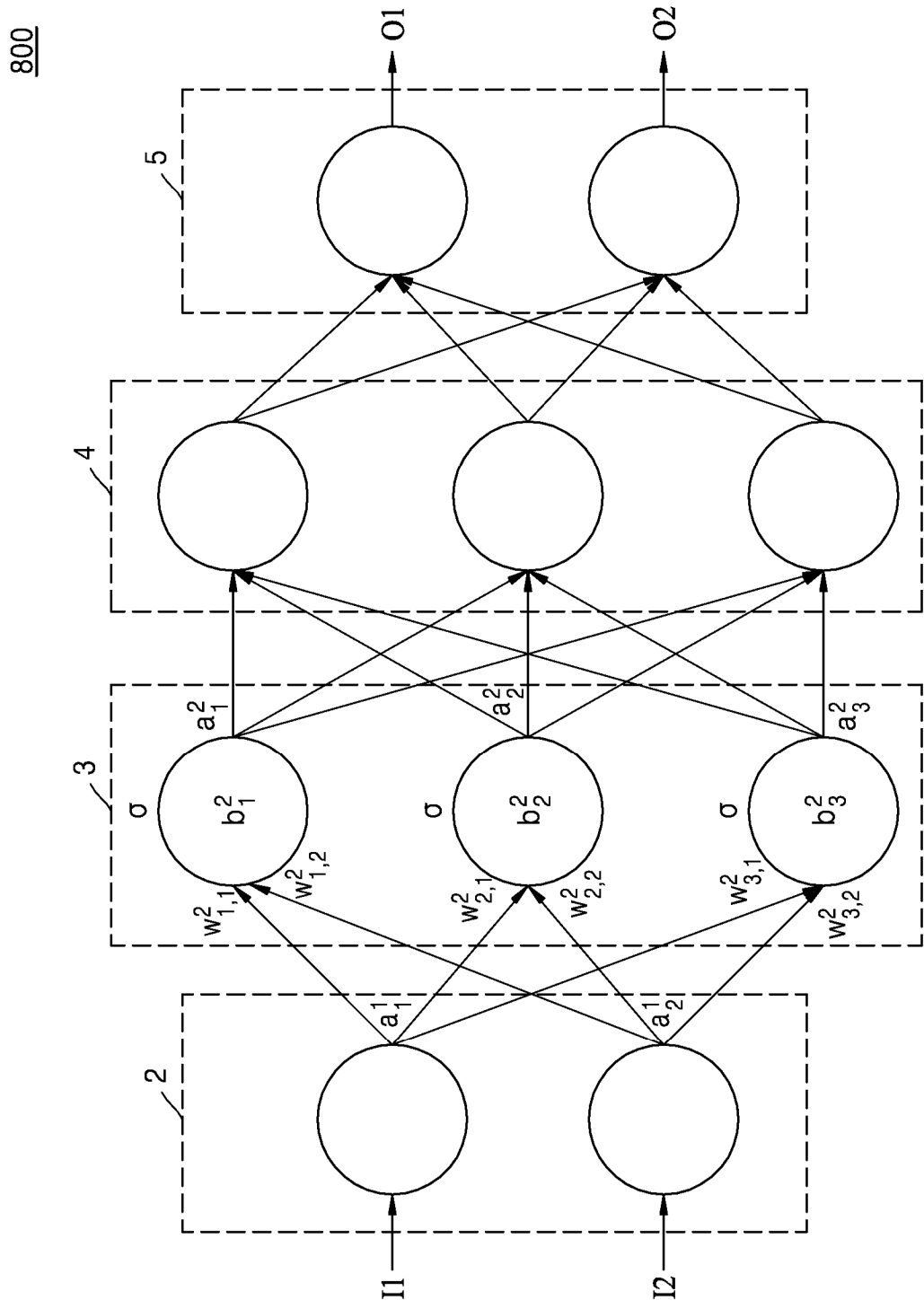


FIG. 9A

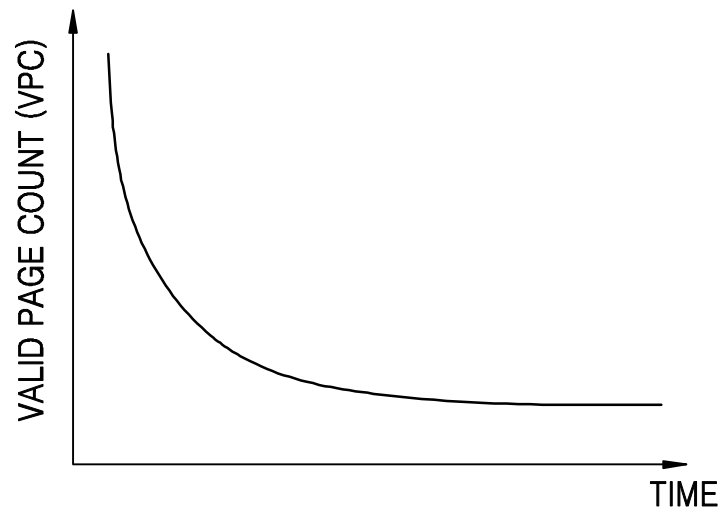


FIG. 9B

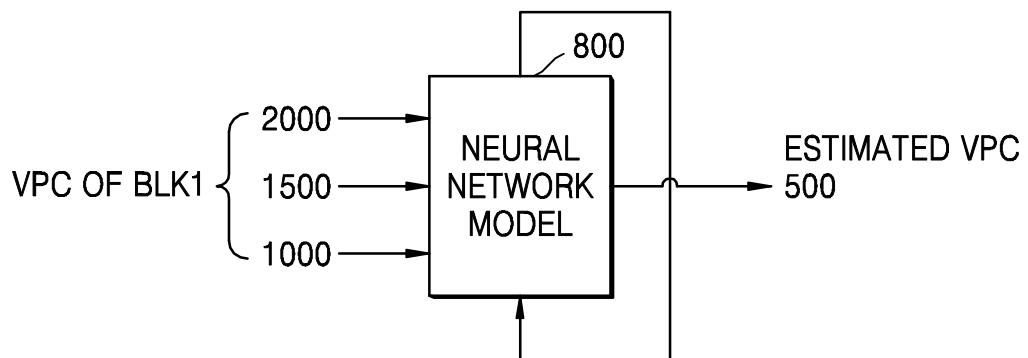


FIG. 9C

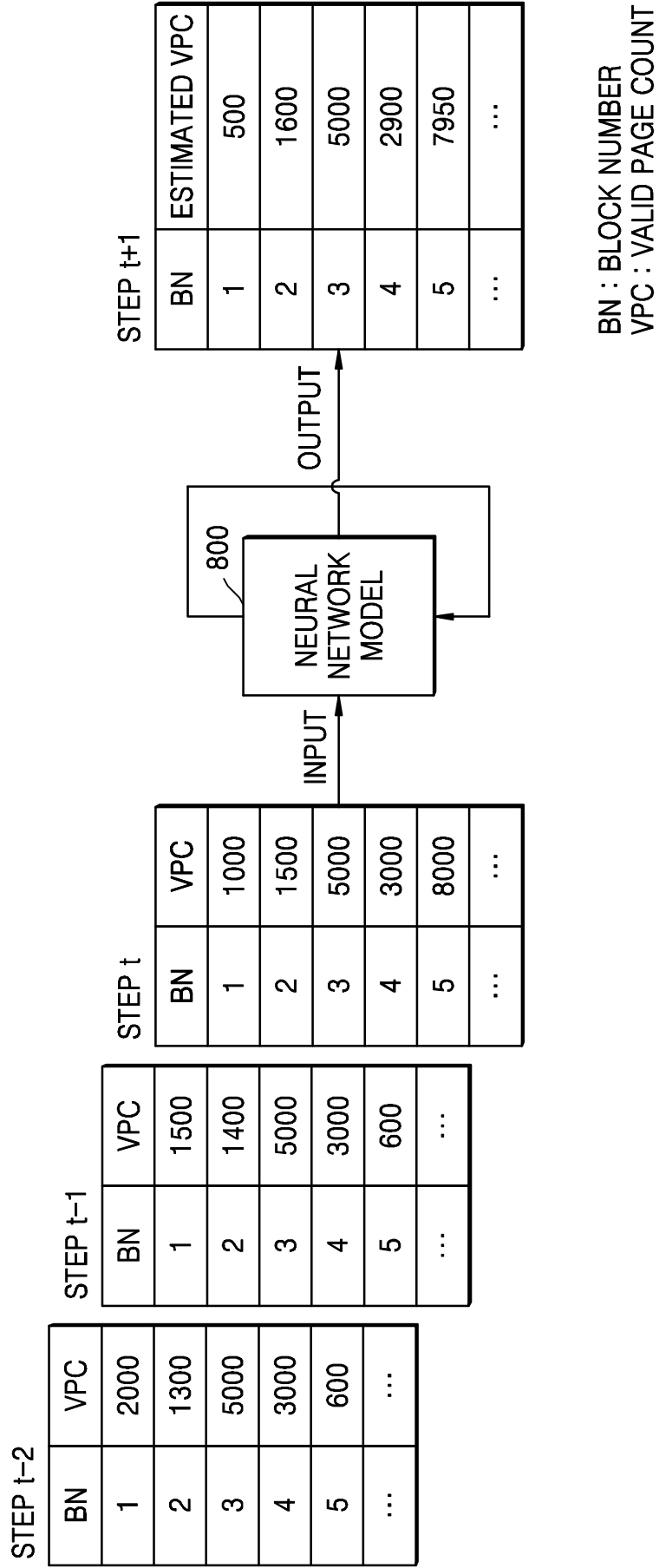


FIG. 9D

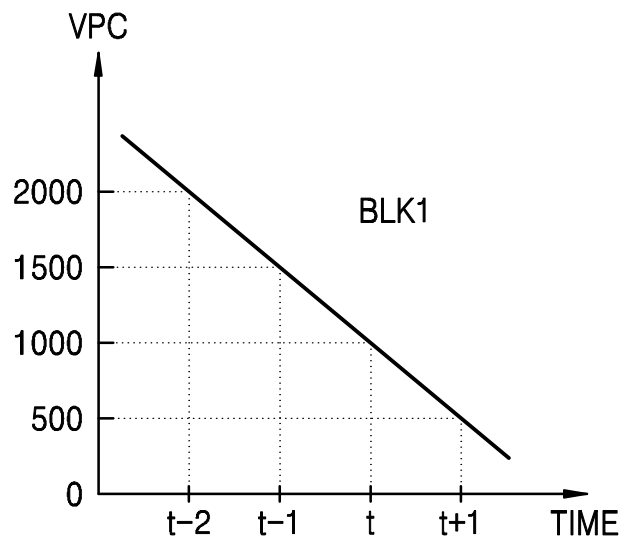


FIG. 9E

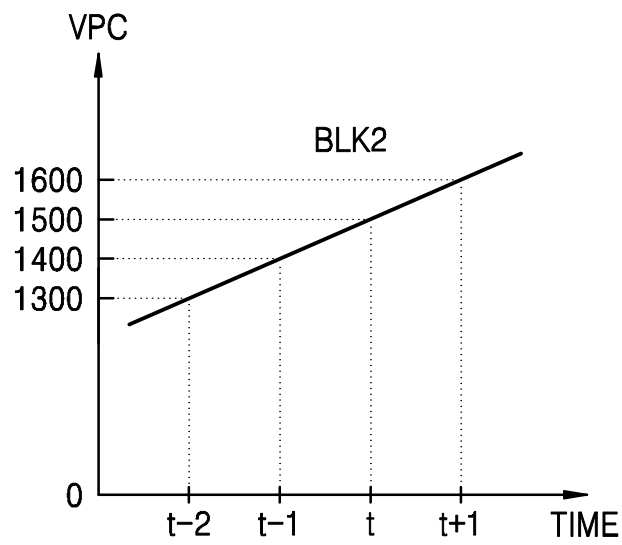


FIG. 9F

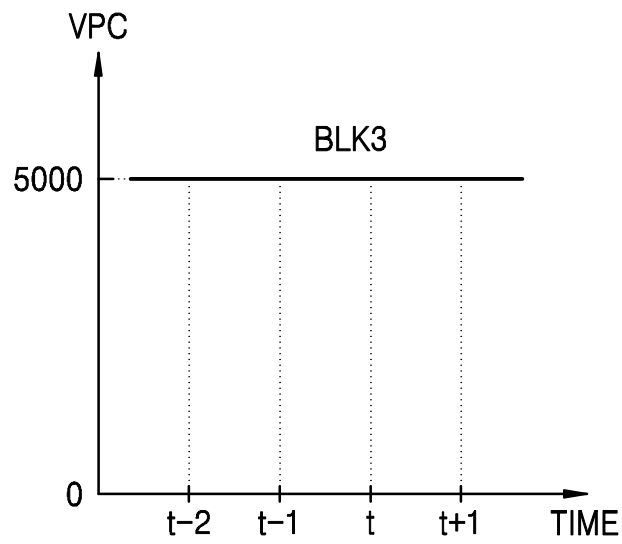


FIG. 10

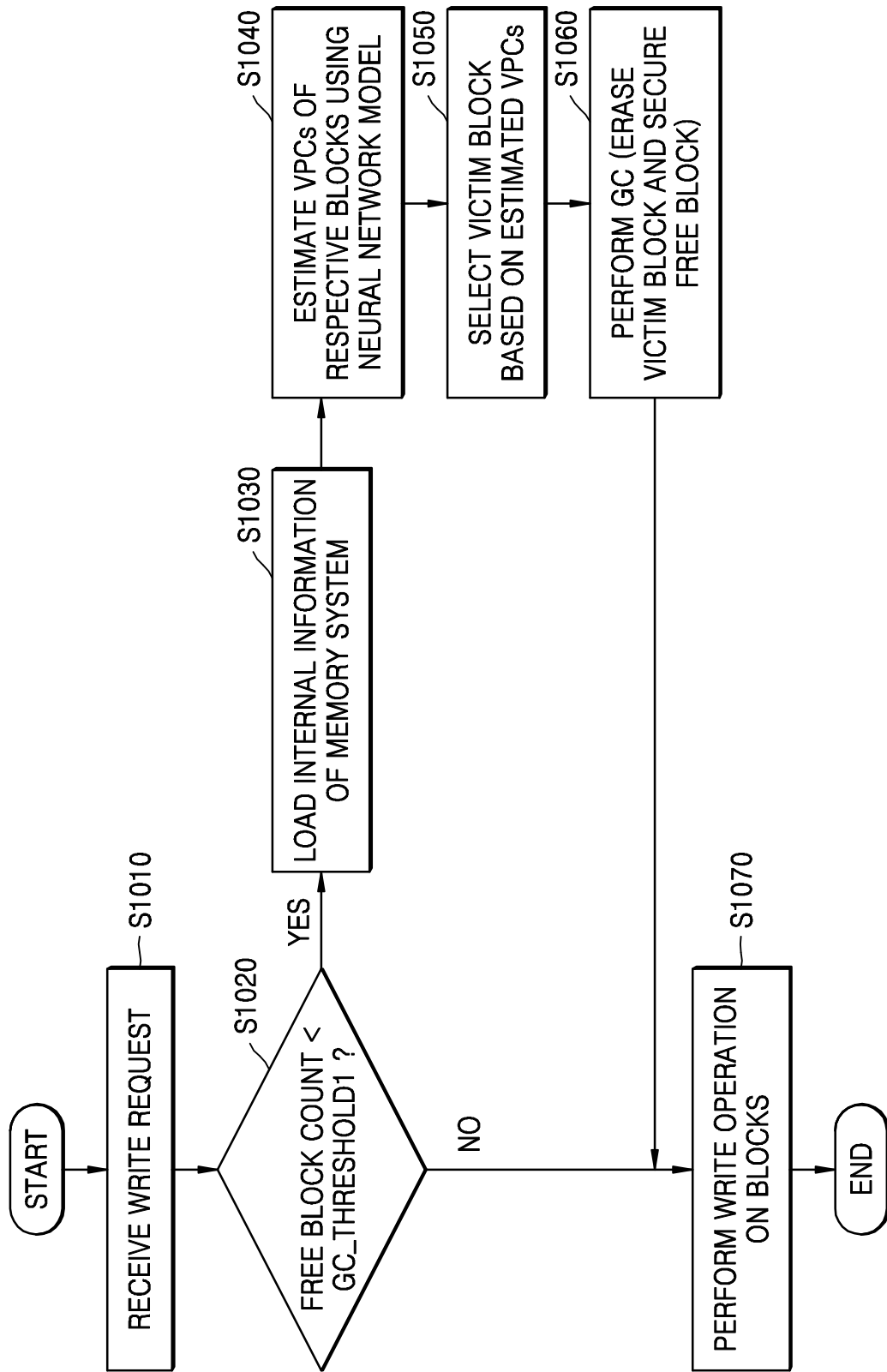


FIG. 11

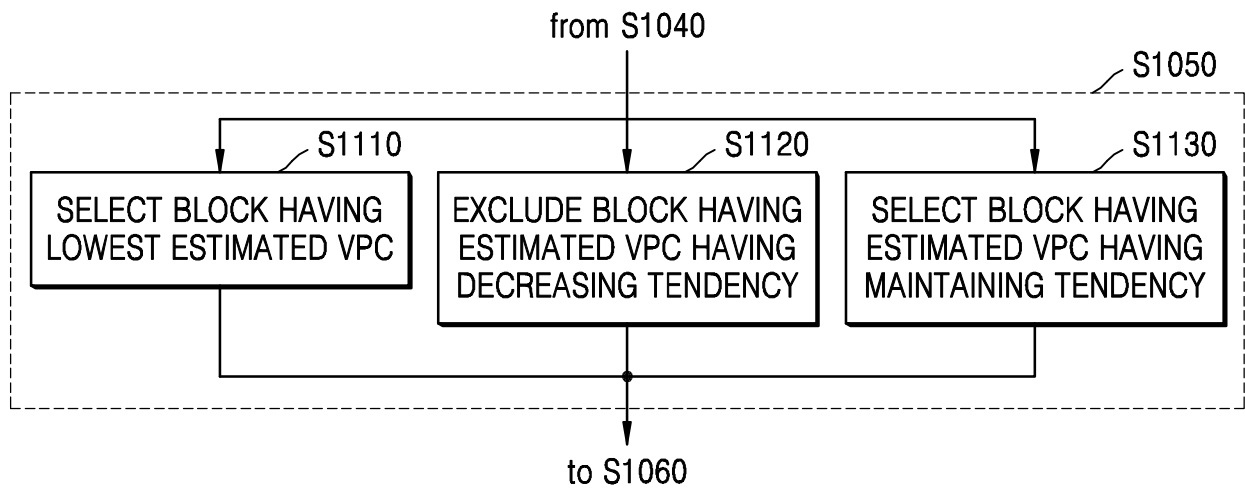


FIG. 12

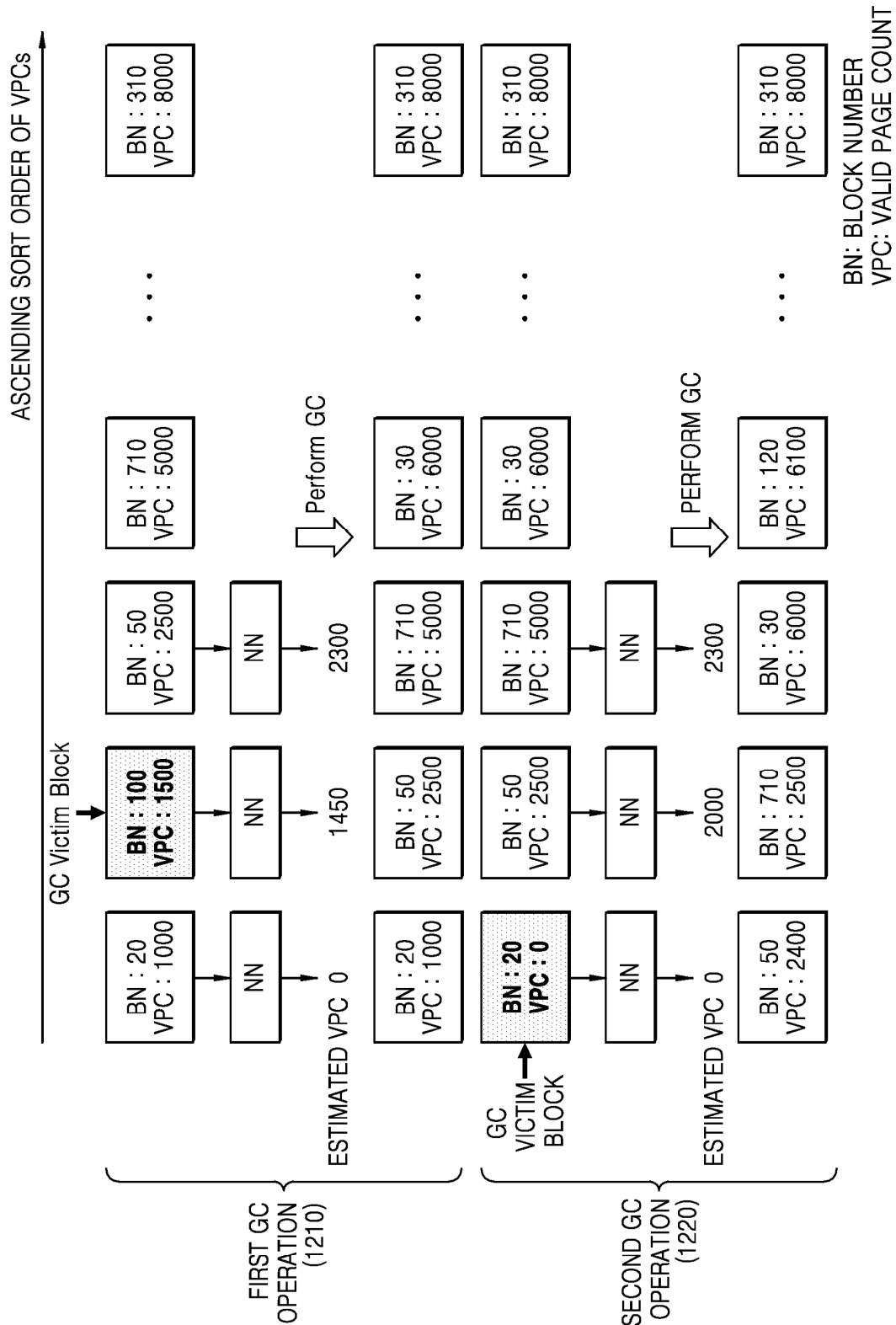


FIG. 13

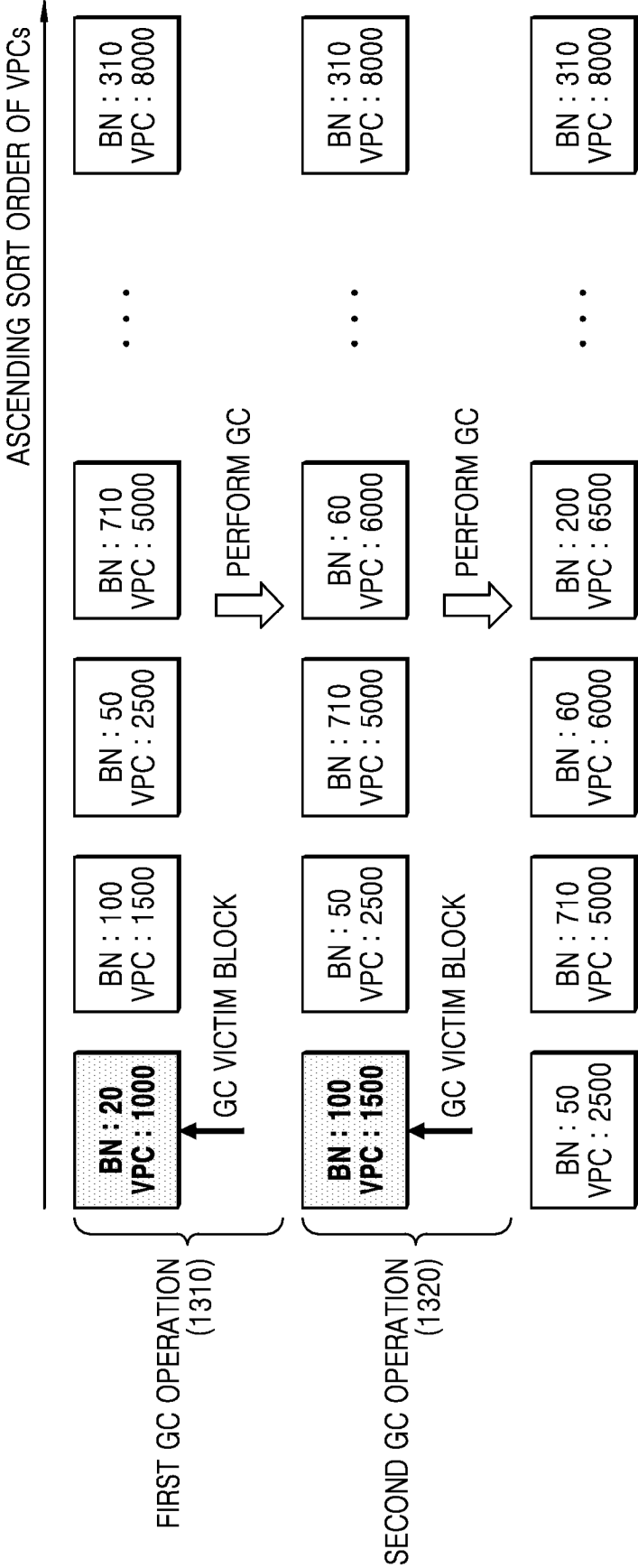


FIG. 14

