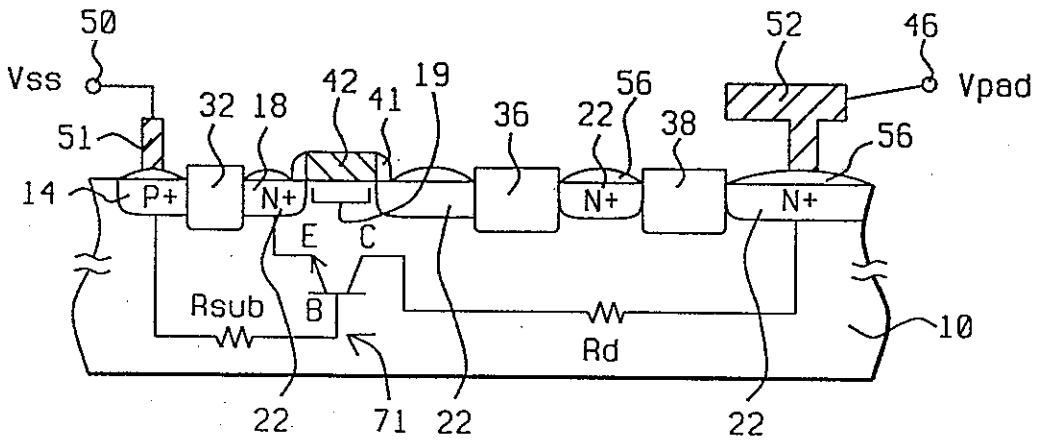

50
Vss
51
14
P+
32
18
N+
42
41
19
E
C
B
Rsub
36
22
56
N+
38
52
46
Vpad
56
N+
Rd
10
22
71
22
22

FIG. 1A

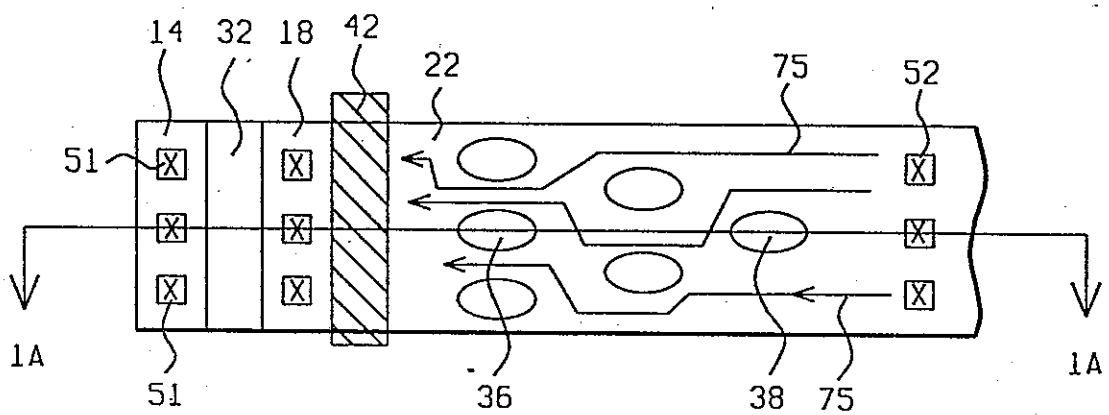

14
32
18
42
22
75
52
51
1A
51
36
38
75
1A

FIG. 1B

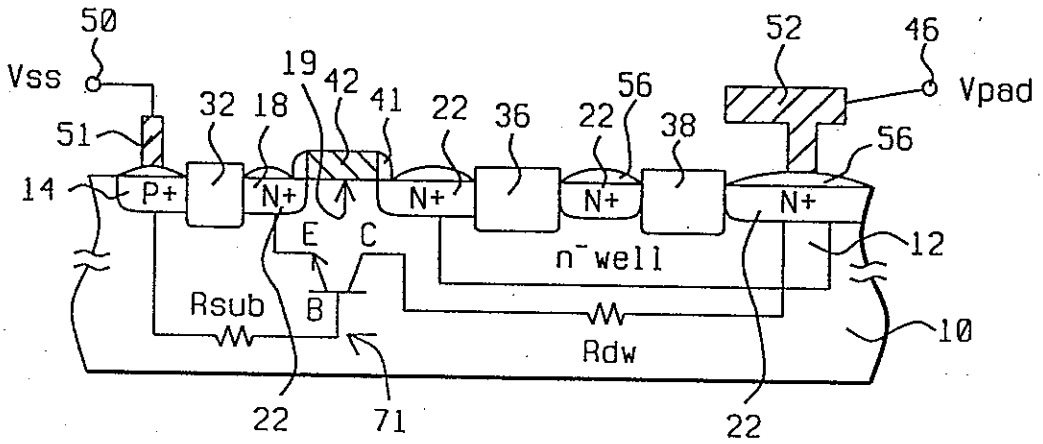

50
Vss
51
14
P+
32
18
N+
19
42
41
N+
22
36
22
56
N+
38
52
46
Vpad
56
N+
12
n⁻well
10
E
C
B
Rsub
Rdw
22
71
22

FIG. 2A

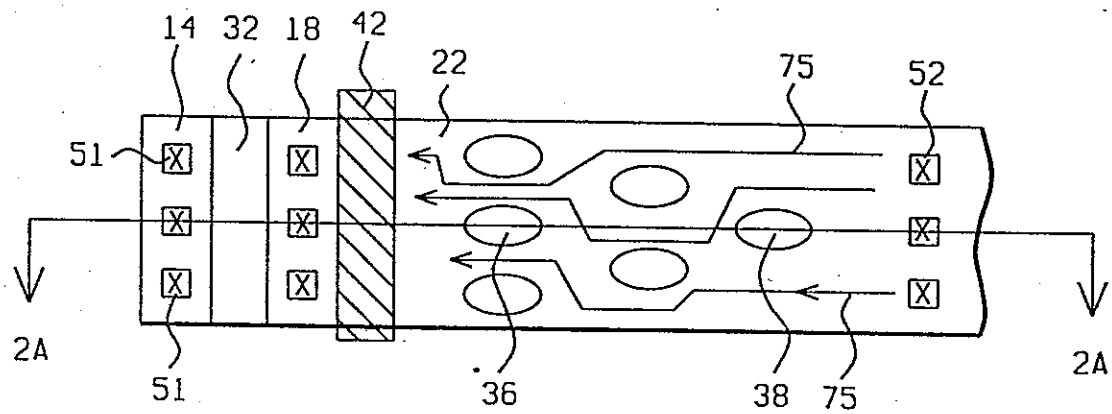

14
32
18
42
22
75
52
51
2A
51
36
38
75
2A

FIG. 2B

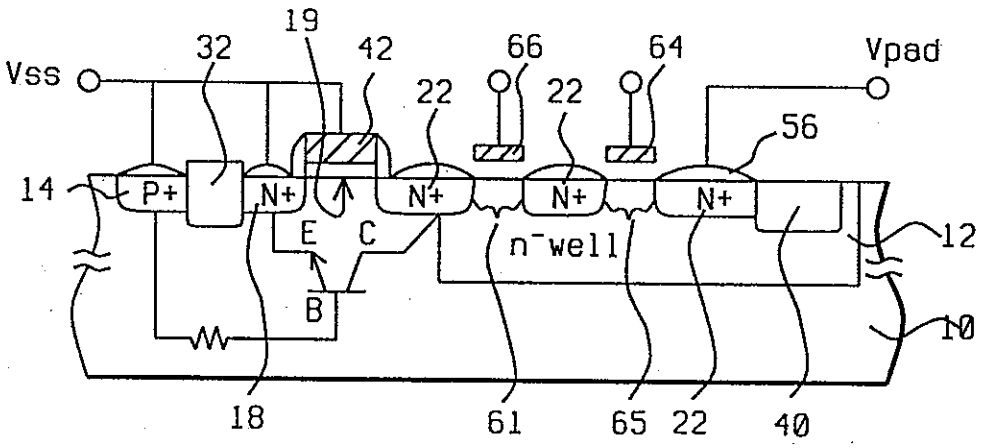

Vss
32
19
42
66
64
Vpad
22
22
56
14
P+
N+
N+
N+
N+
E
C
n⁻well
12
B
10
18
61
65
22
40

FIG. 3A

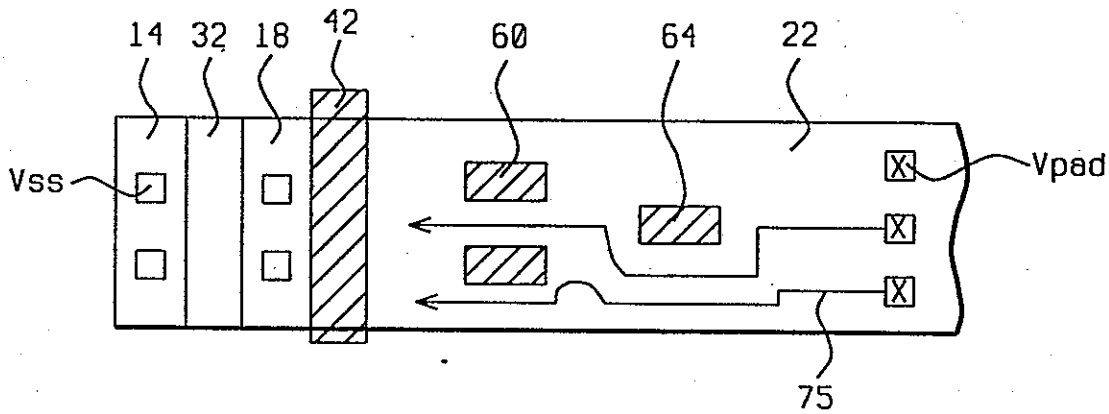

14
32
18
42
60
64
22
Vss
X
Vpad
X
X
75

FIG. 3B

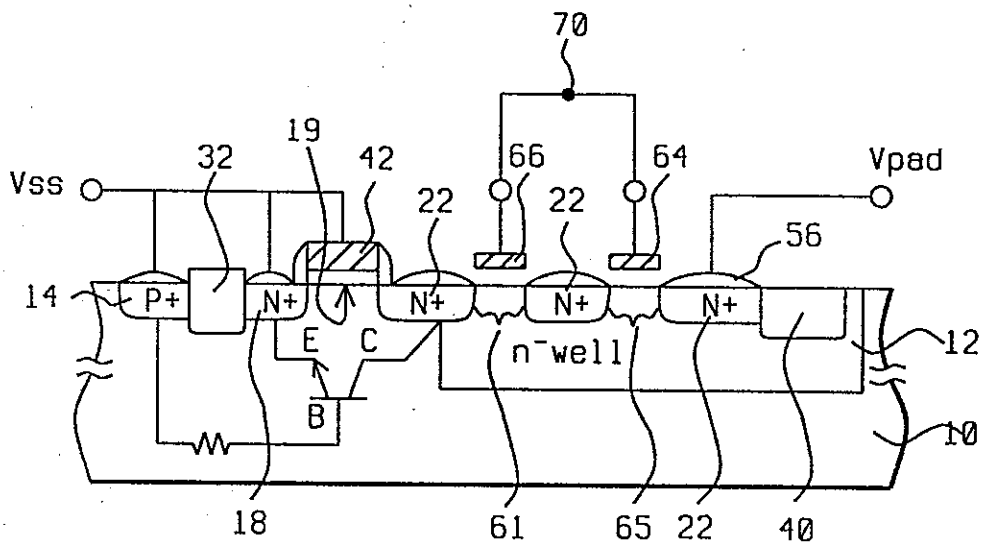

70
19
32
42
66
64
Vpad
Vss
22
22
56
14
P+
N+
N+
N+
N+
E
C
n⁻well
12
B
10
18
61
65
22
40

FIG. 4A

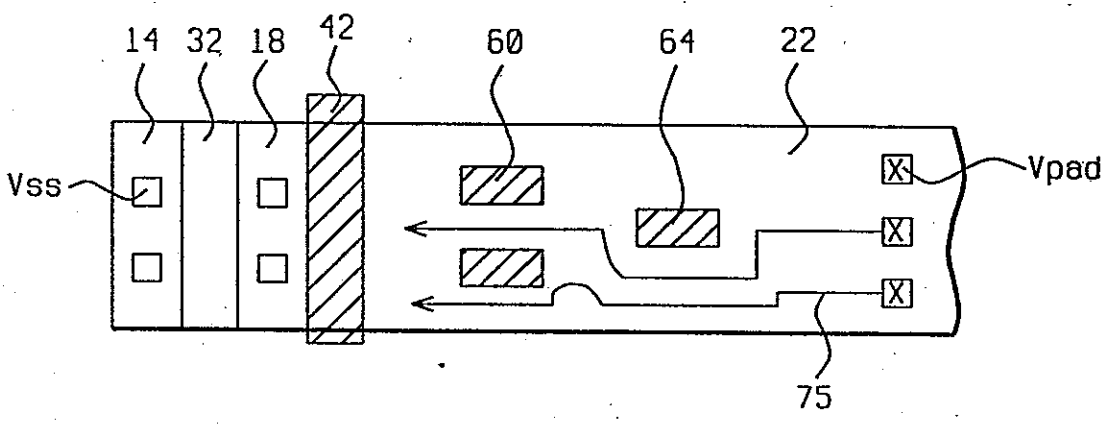

14
32
18
42
60
64
22
Vss
Vpad
X
X
X
75

FIG. 4B

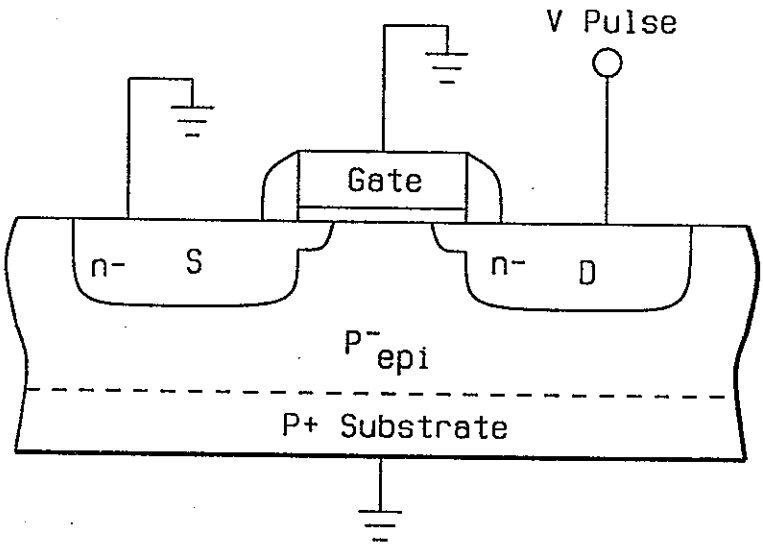

V Pulse
Gate
n- S
n- D
P- epi
P+ Substrate

FIG. 5A

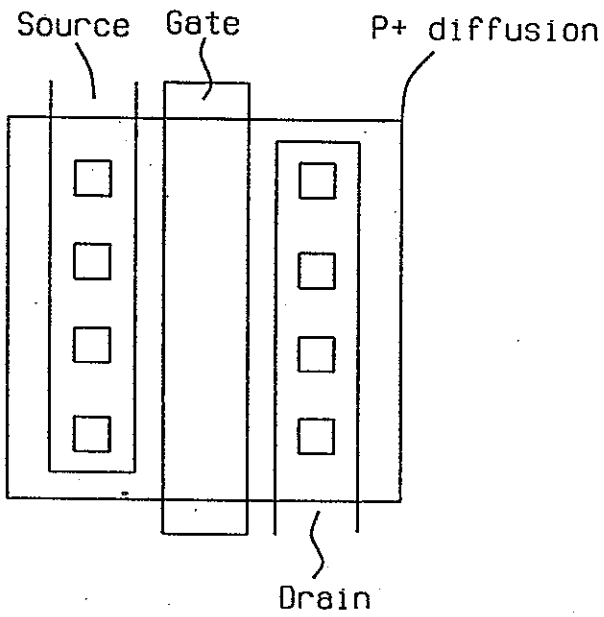

Source
Gate
P+ diffusion
Drain

FIG. 5B

2 JUN 2006

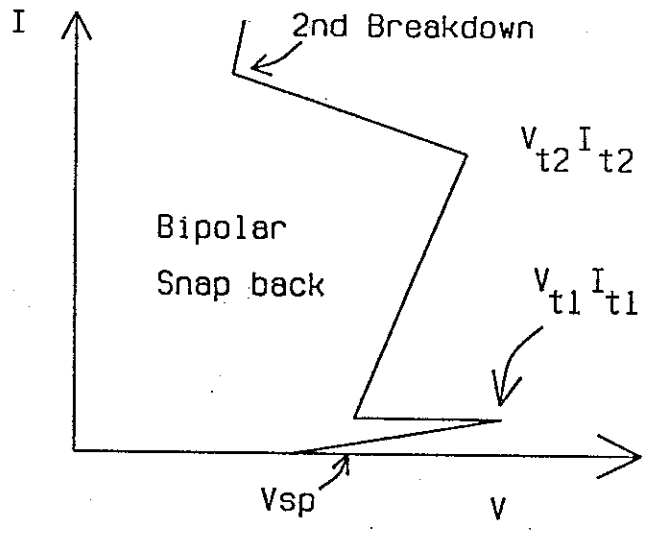


FIG. 5C – Prior Art

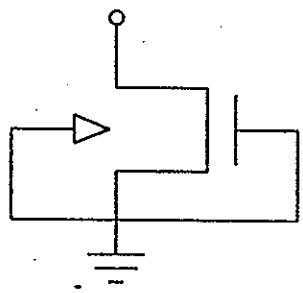


FIG. 5D – Prior Art