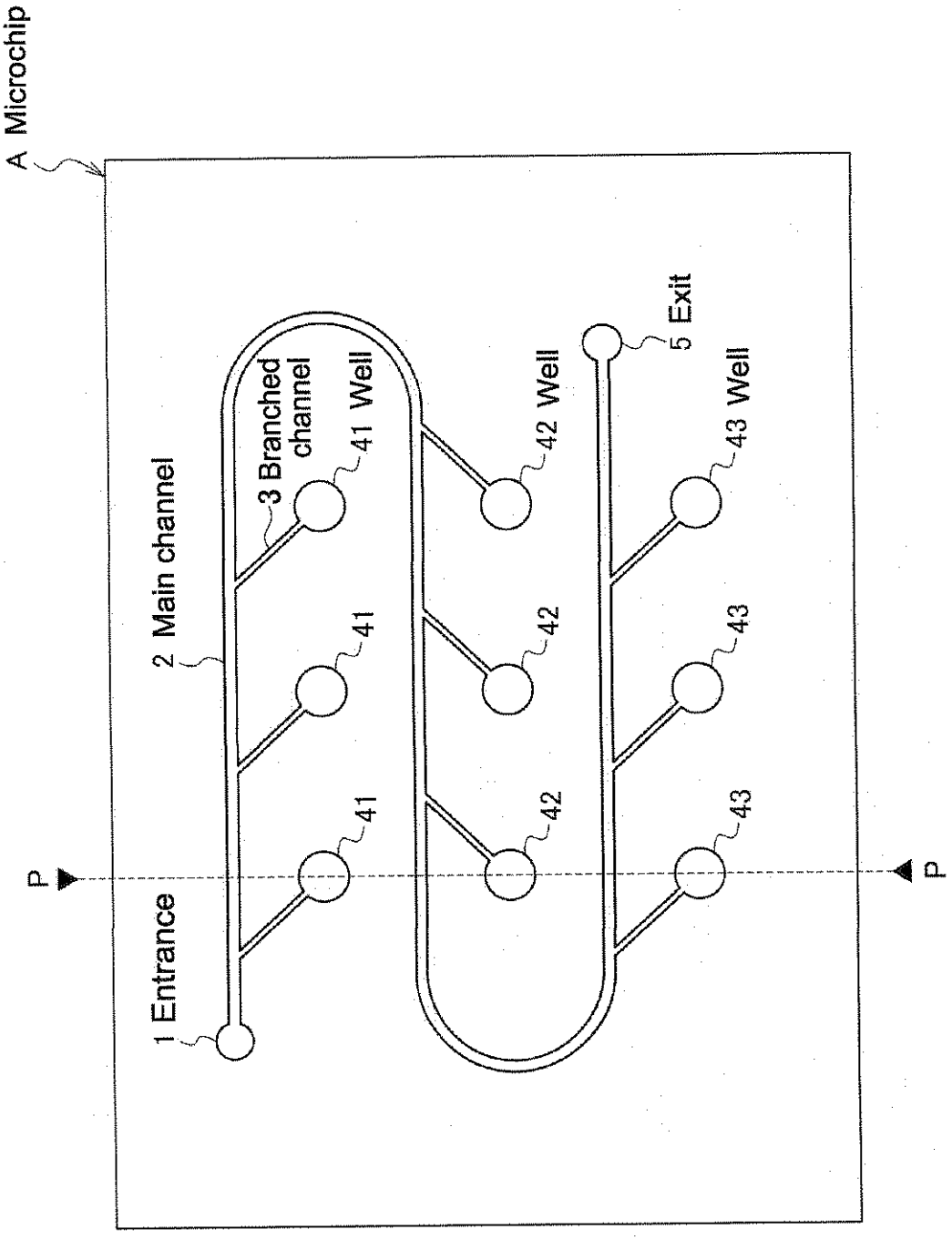

A Microchip
1 Entrance
2 Main channel
3 Branched channel
41 Well
42 Well
43 Well
5 Exit
41
42
43
P
P

FIG.1

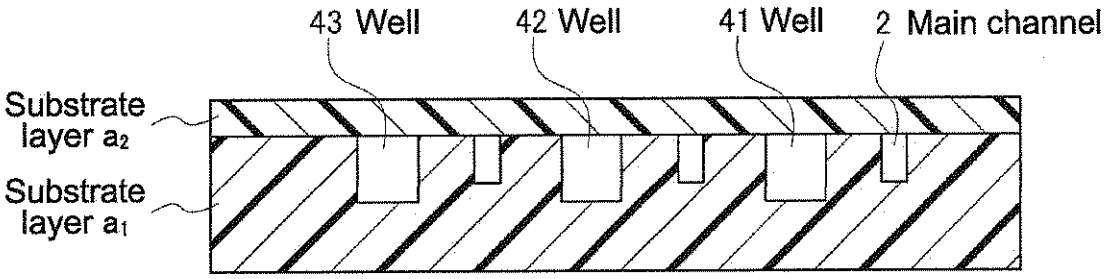

43 Well
42 Well
41 Well
2 Main channel
Substrate layer a_2
Substrate layer a_1

FIG.2

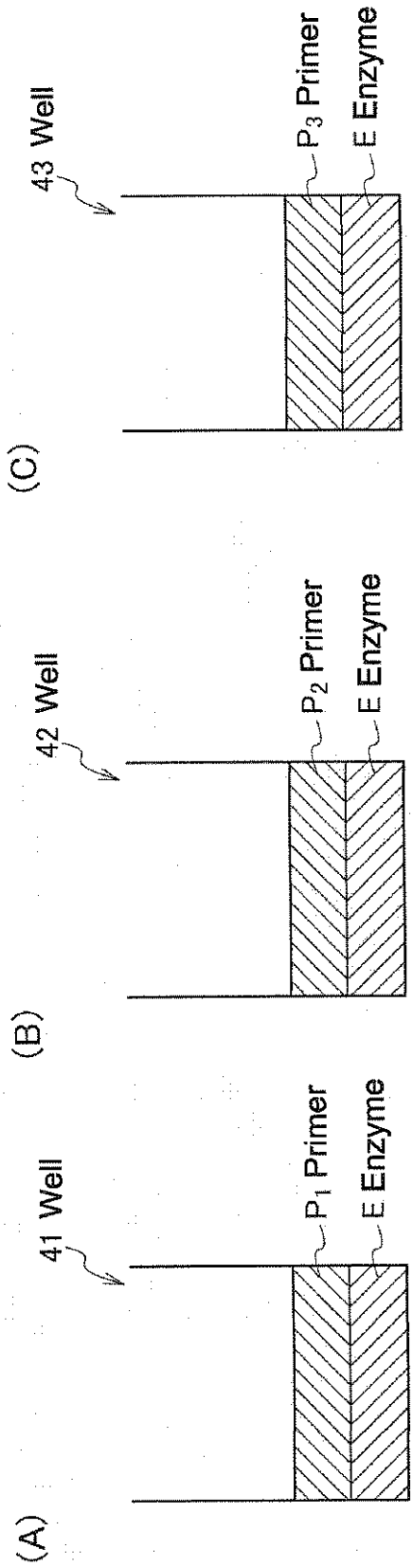

(A)
41 Well
P1 Primer
E Enzyme
(B)
42 Well
P2 Primer
E Enzyme
(C)
43 Well
P3 Primer
E Enzyme

FIG.3

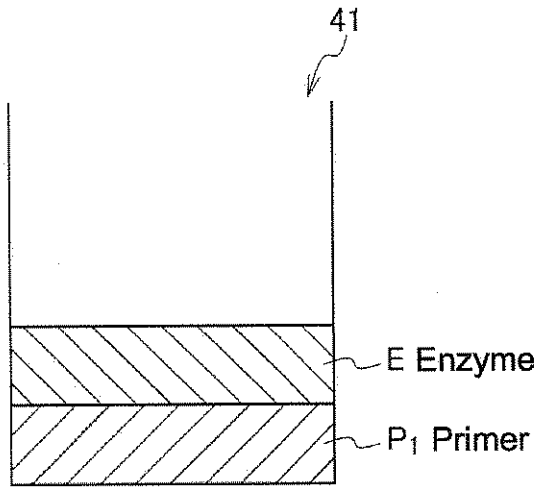

41
E Enzyme
P1 Primer

FIG.4

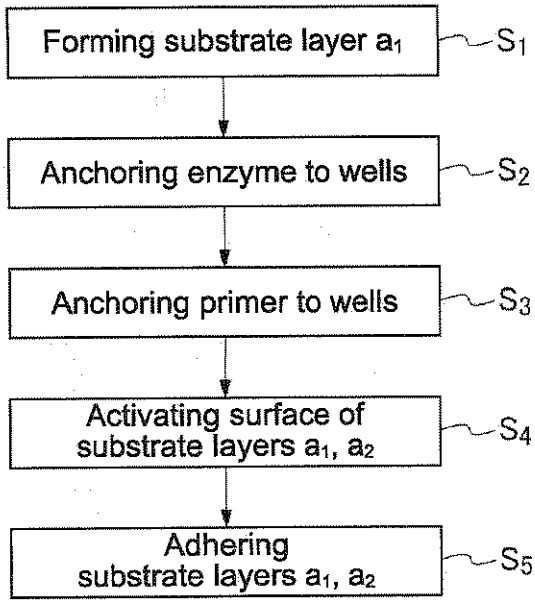

Forming substrate layer a1
S1
Anchoring enzyme to wells
S2
Anchoring primer to wells
S3
Activating surface of substrate layers a1, a2
S4
Adhering substrate layers a1, a2
S5

FIG.5

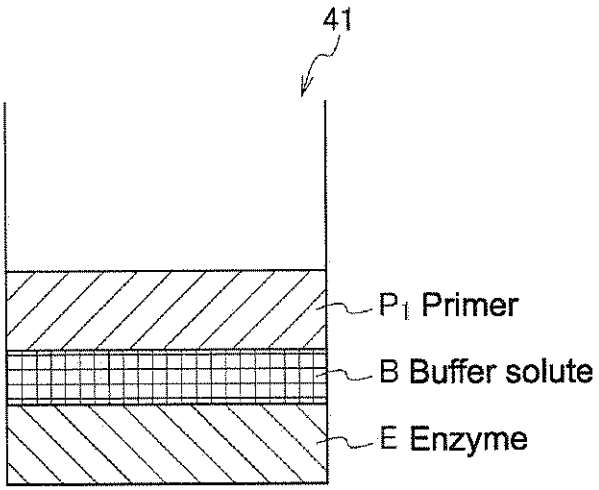


FIG.6