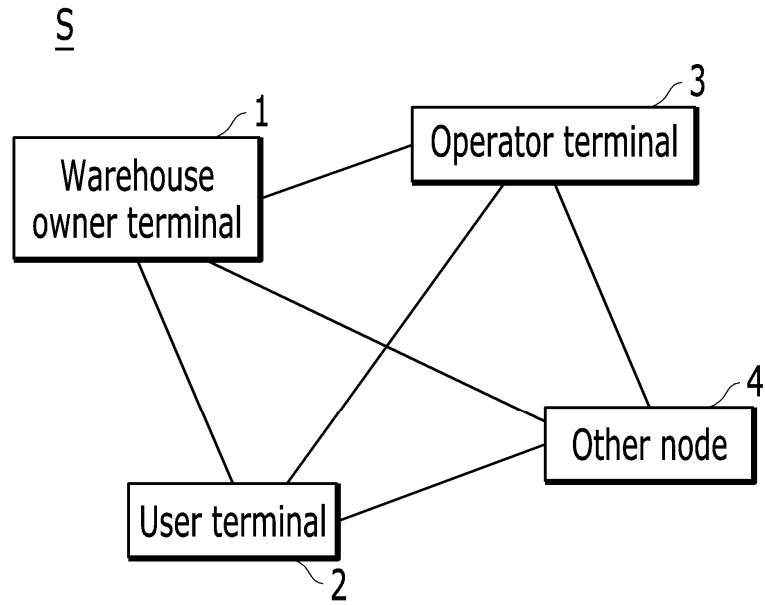
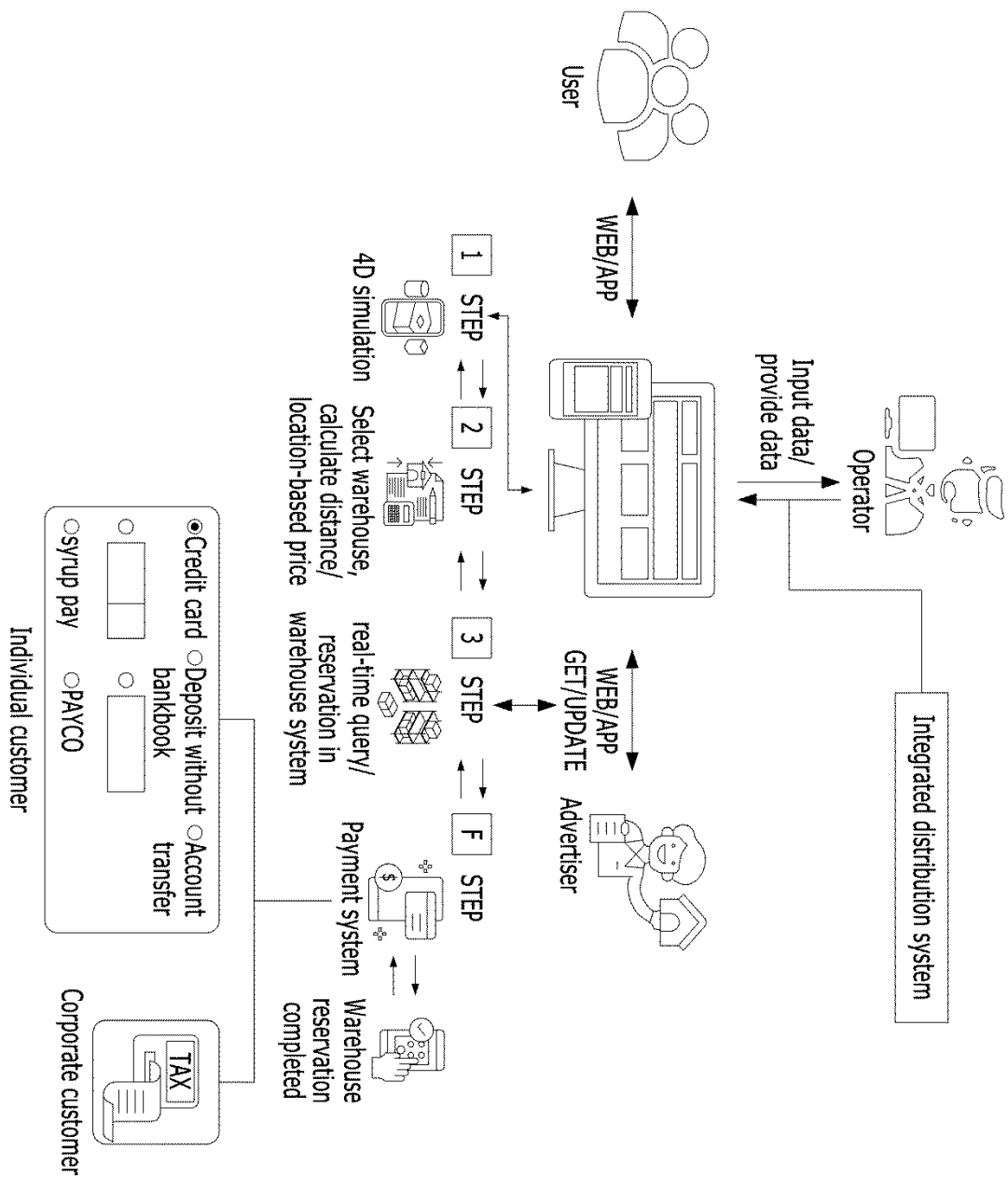


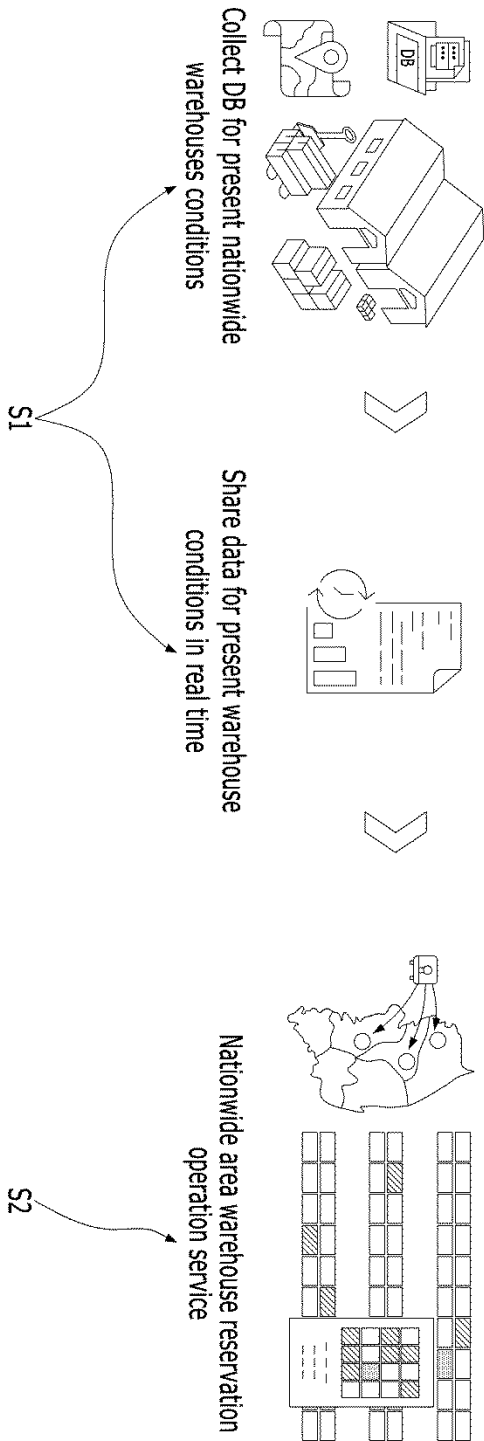
[Fig. 1]



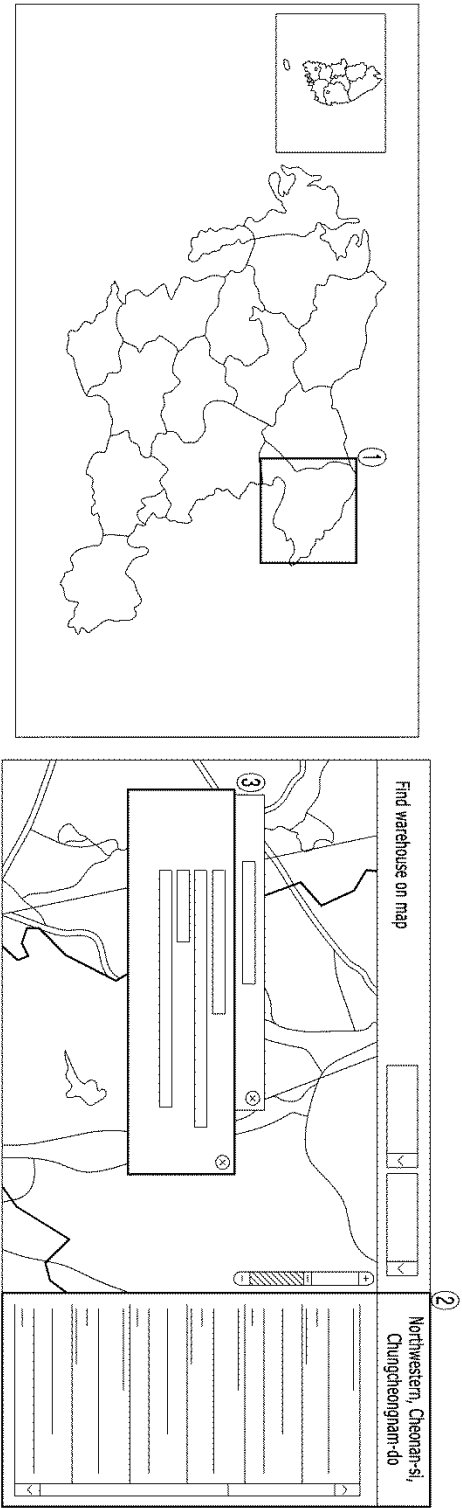
[Fig. 2]



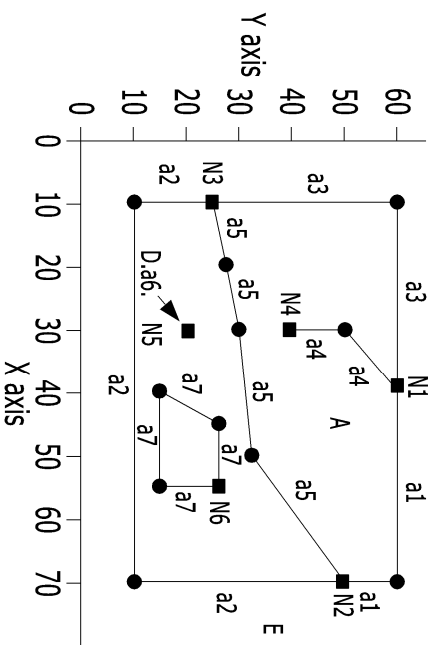
[Fig.3]



[Fig.4]

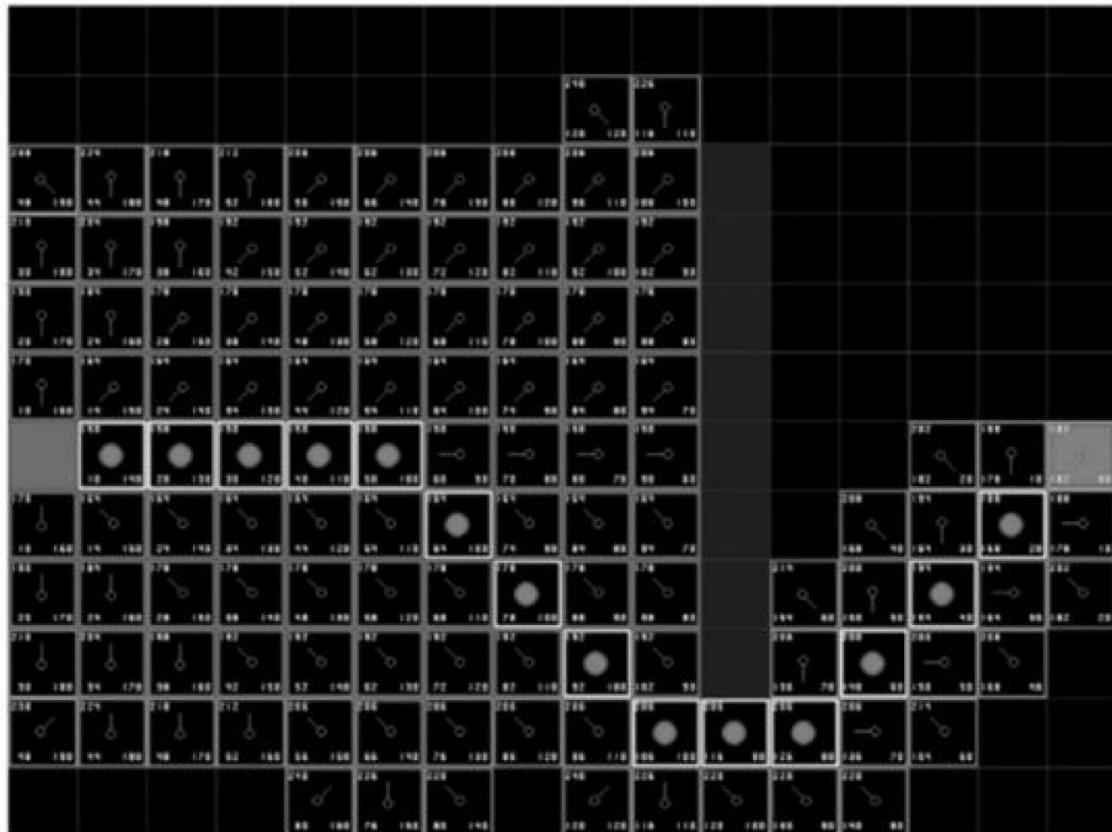


wherein, α_i : i-th path, $i=1, \dots, 7$
 N_t : i-th node, $i=1, \dots, 6$

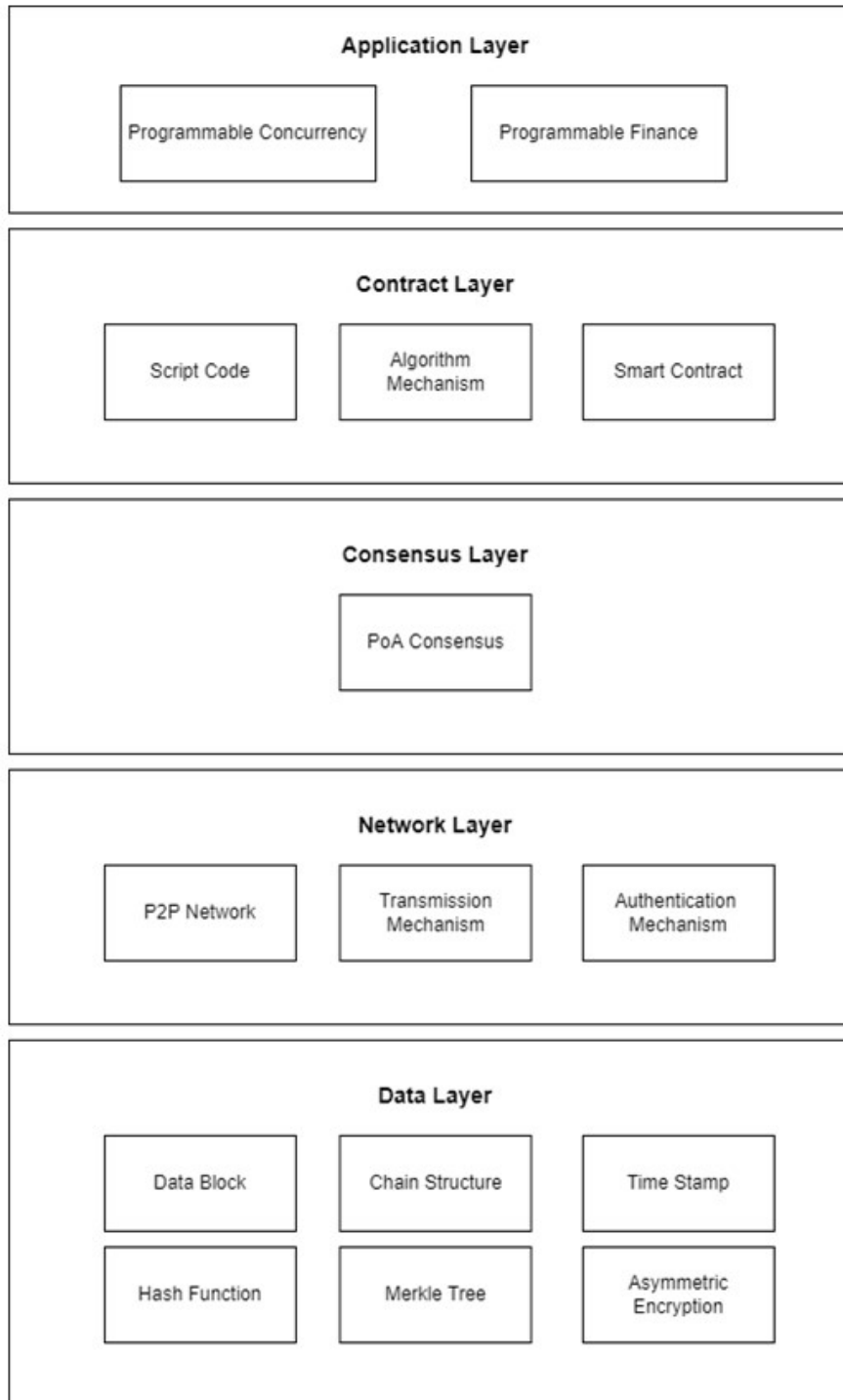


Path coordinate data			Total Dist.
Arc	Start X, Y	Intermediate X, Y	
a1	40, 60	70, 60	40
a2	70, 50	70, 10 ; 10, 10	115
a3	10, 25	10, 60	65
a4	40, 60	30, 50	14
a5	10, 25	20, 27 ; 30, 30 ; 50, 32	40.7
a6	30, 20		0
a7	55, 27	55, 15 ; 40, 15 ; 45, 27	40

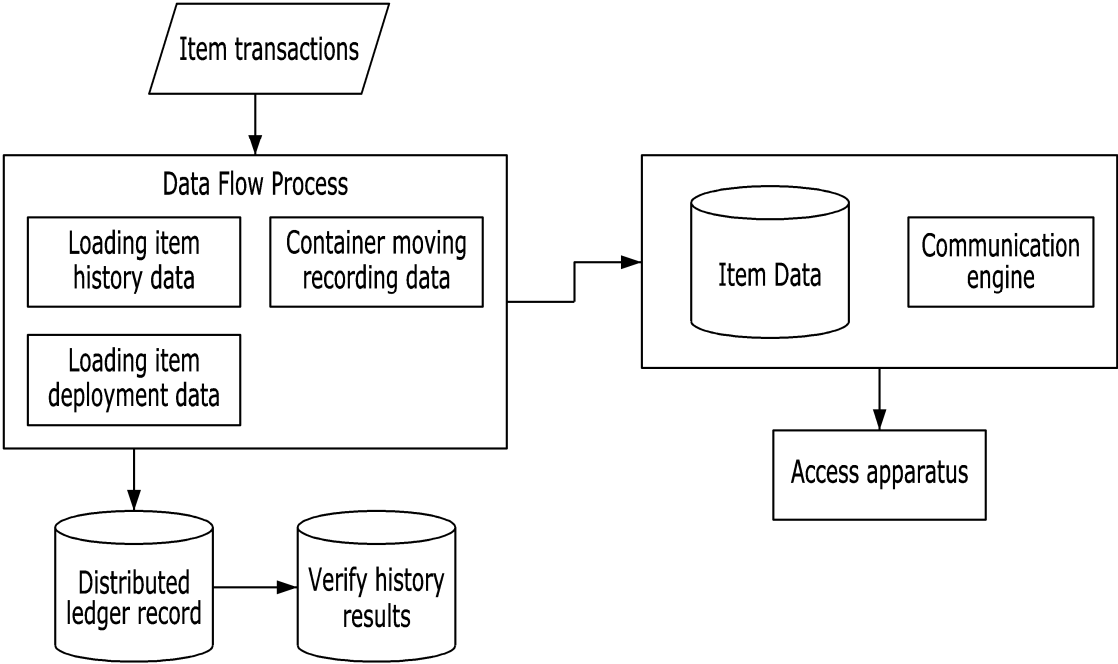
[Fig. 6]



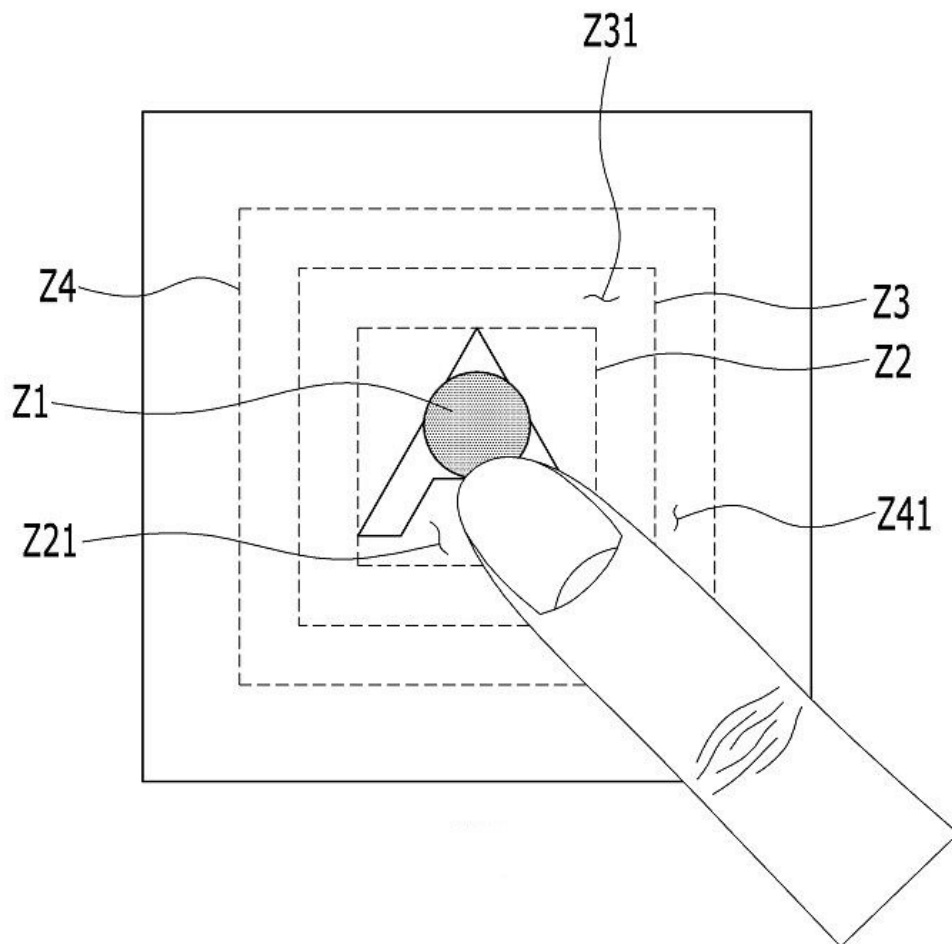
[Fig. 7]



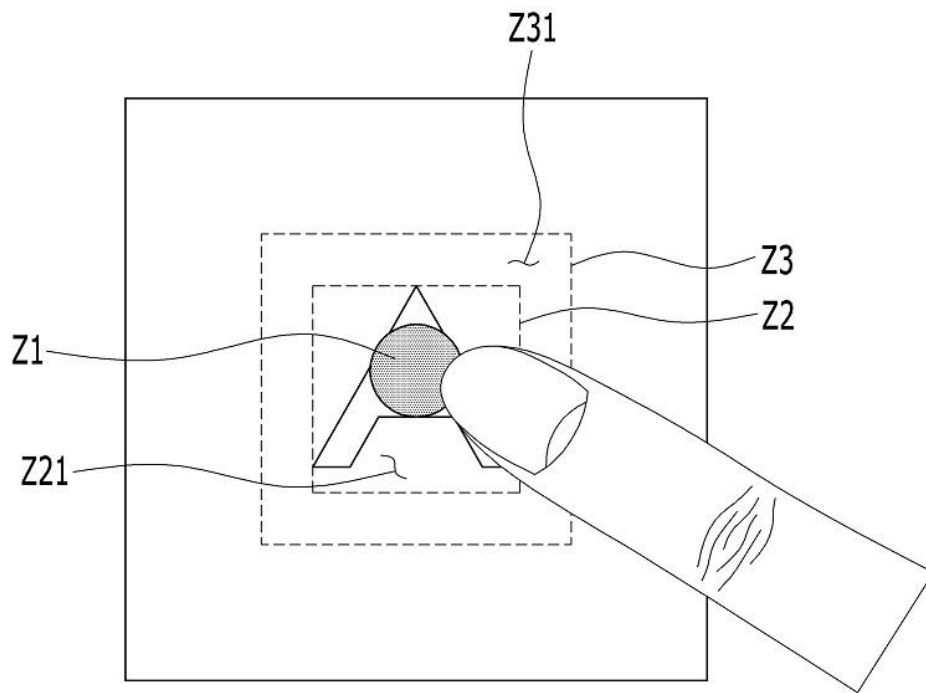
[Fig. 8]



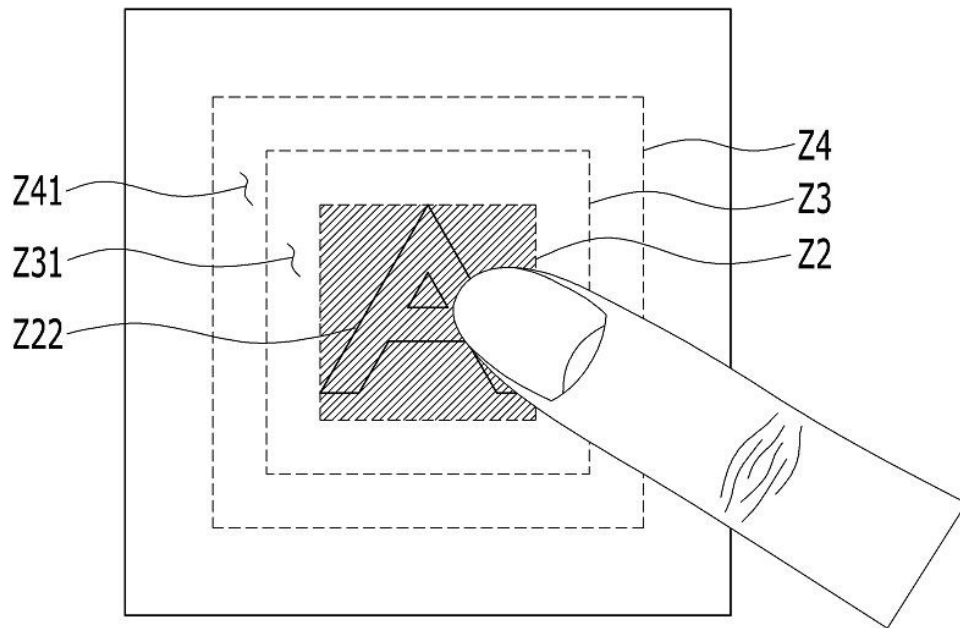
[Fig. 9a]



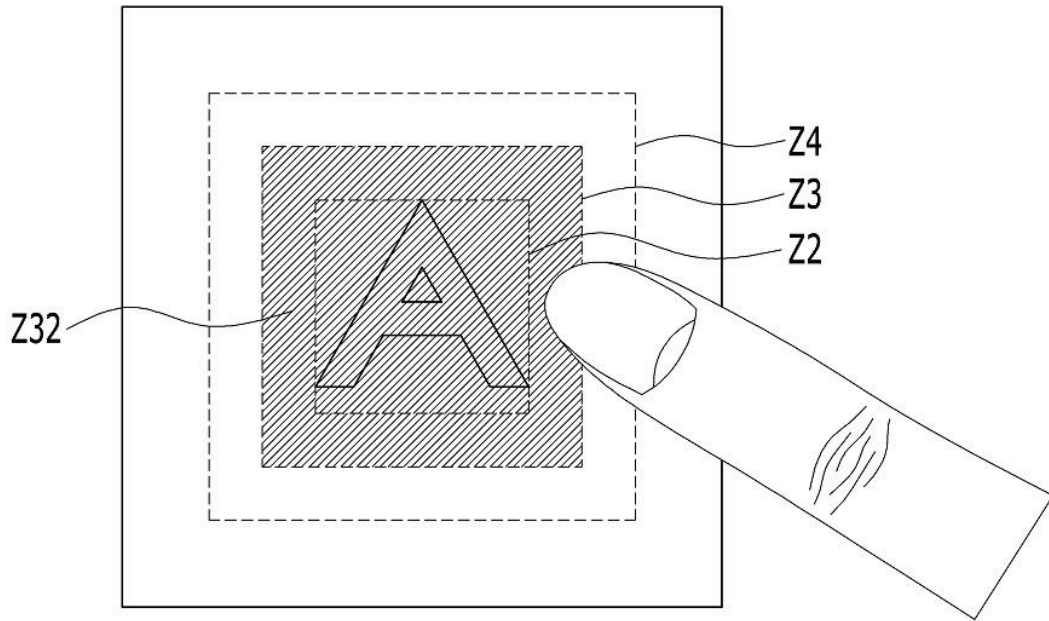
[Fig. 9b]



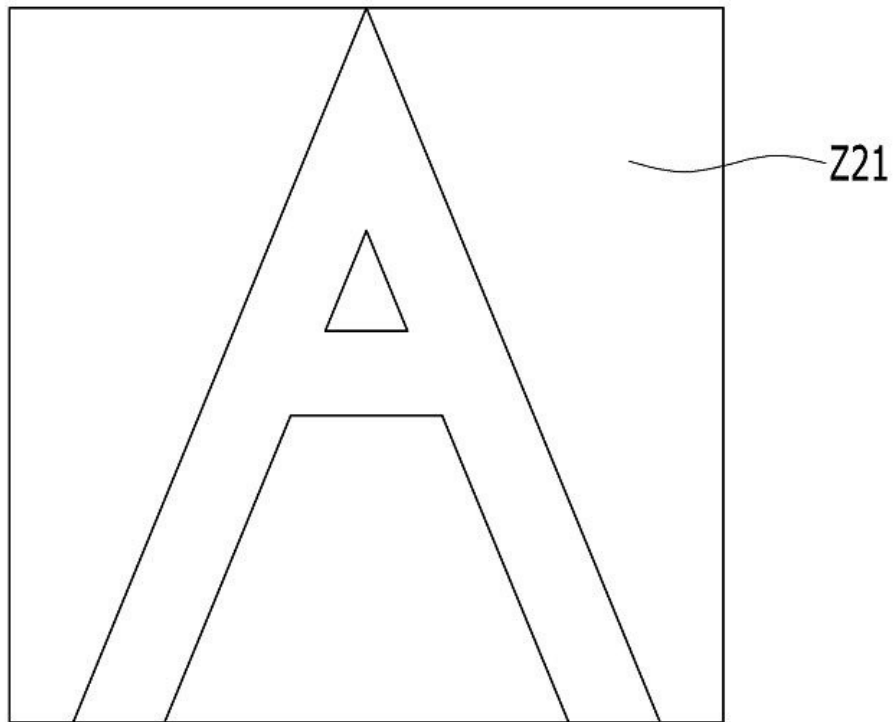
[Fig.10a]



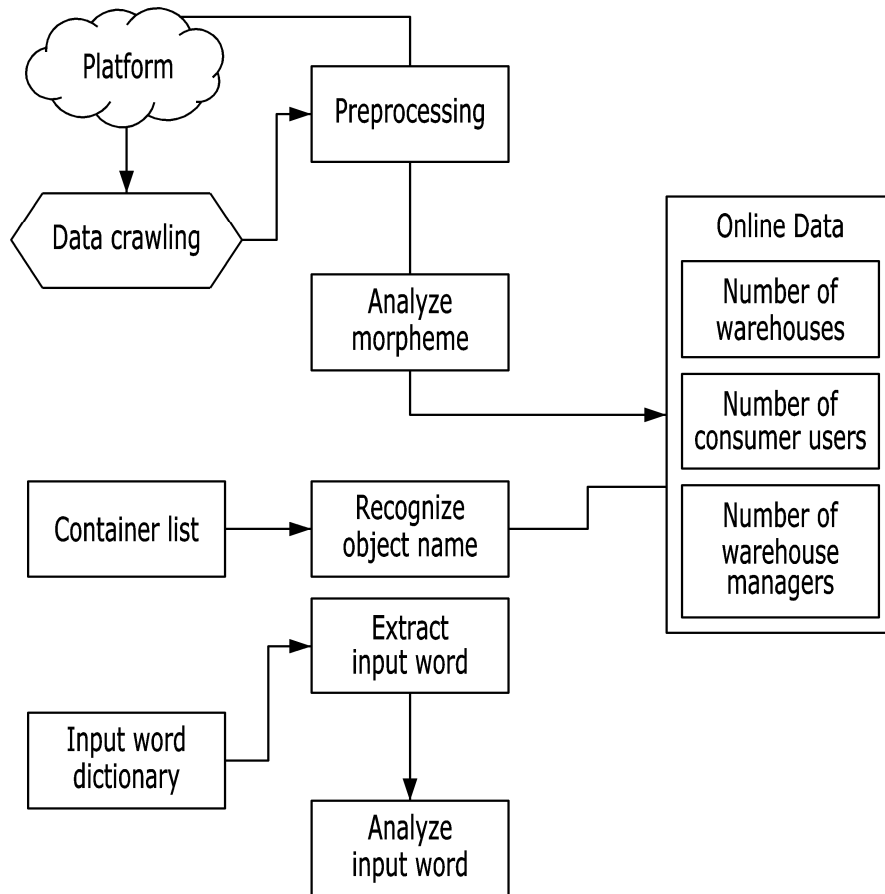
[Fig.10b]



[Fig.10c]



[Fig.11]



[Fig.12]

