

(3) 가 가 (e) (t) (3)

1

가 가 (e) 가 (b) (t) 1 (w1),

가 가 (b) (e) (t) 1 (w1)

WO 97/30440(1997 8 21)

가 WO 98/36411(1998 8 20) 가

(leading - edge)

(trailing - edge)

1

WO 98/36411

가

가
 가
 (t) (e) 1 (w1)
 (e) (e)
 (t) 가 가
 1

ZnS:SiO₂/AgInSnTe/ZnS:SiO₂/Al-4 AgInSbTe
 GeInSbTe
 GeSbTe 가
 (complete erasure time) 가 가 40 nm AgInSbTe GeInSbTe 가

2 (w2) 1 (w1) 가 2 (w2)
 가 가

(t) (t)
 2 (w2)
 (t) (t)
 가 2 (w2) (t)

1c , (e)(17) 1 (w1)(16) (t)(1) ,
 (3)가 2 (w2)(2)
 2 (w2)(2) 1 (w1)(16) .
 1 가 50% , 50%
 가

2 3 , DOW (300), 가 , 가
 (311) (321) 가

2a 34 가 (Mbps)
 가 2b , (t) 1 (w1)
 0.47 , 1 (w1) 6.5 mW , (e) 2.5 mW
 , 34 Mbps 가 (321) 가
 DOW

3a , 43 Mbps 가 , 2b
 가 , (321) 가 , (t)
 1 (w1) 0.5 , 2 (w2) 1 3b , (w1)
 1.1 가 , 1 (w1) 6.5 mW , (e) 2.5 mW
 , 43 Mbps 가
 가 , 가 DOW
 (321) 가

4 (50)
 가 (60) (61) 5 A, B, C, D E S_D (60) 가 ,
 1 (w1) (52) A , S_C (51)
 D E (b), (t), 2 (w2) (e) , B, C,
 A, B, C, D E (62) (62) ,
 S_D S_K (63) (63) S_D
 1 , S_K (58)
 , 가 (58)가 . 가
 , (58) 가 .
 (60) S_C (51) 가 S_C
 (51) (52) (52) (53) (50) (
 501) (50) (54)

(t) 1b 1c

1
가 (62)

가 (61) 가

(57)

1.

, 가 , 가 (e)
 , 가 , 가 (e)
 가 (b) 가
 (t) , (t)
 (e) 1 (w1), (w1)

2.

1 ,
 가 가 AgInSbTe

3.

1 2 ,
 가 2 (w2) , 2 (w2) 1
 (w1)

4.

1 , 2 3 ,
 (t)

5.

3 ,
 2 (w2)

6.

, 가 가 ,
 , 가 ,

,
 1 (w1) ,
 (b) , (t) ,
 (e) ,
 (t) (e) 1 (w1)

7.

6 ,
 (w2) 1 (w1) , 가 2 (w2) , 2

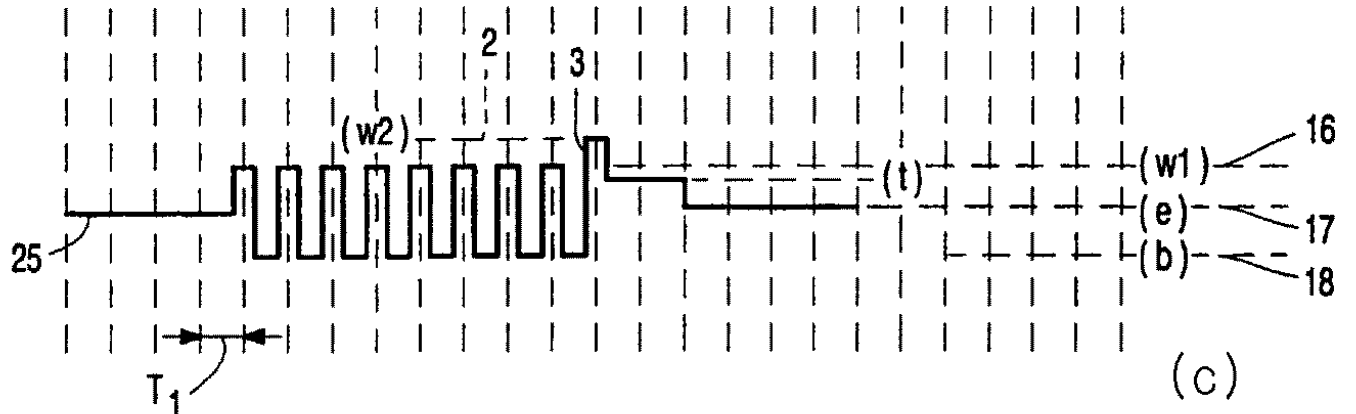
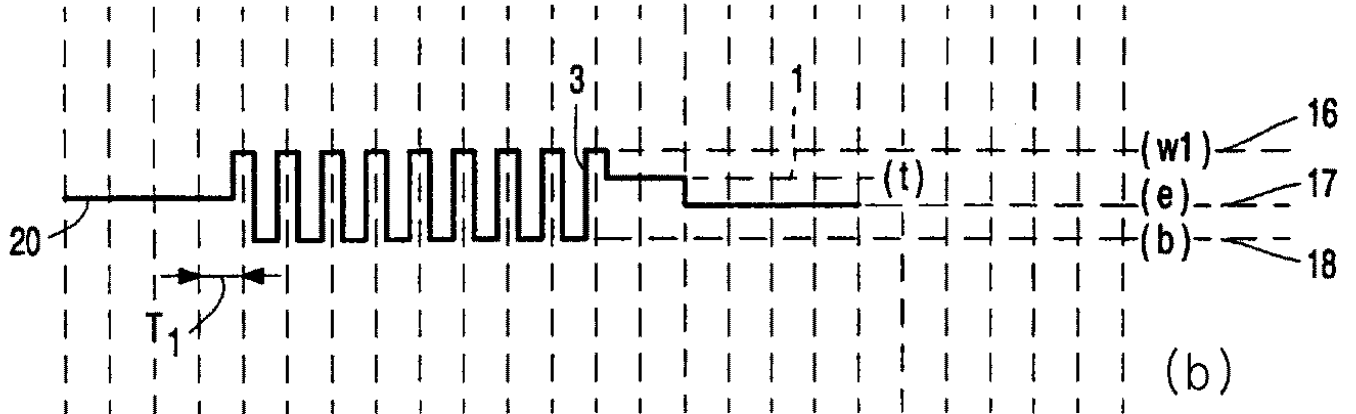
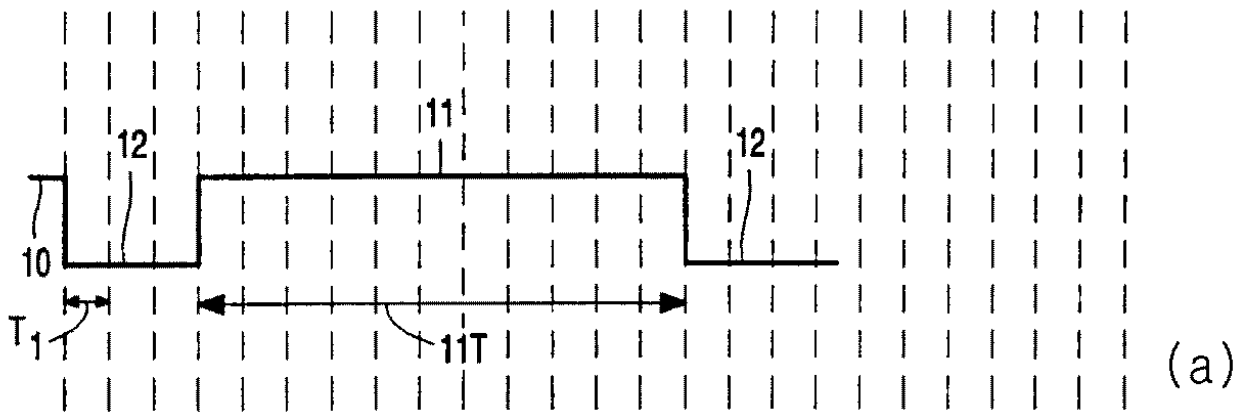
8.

6 7 ,
 (t) ,

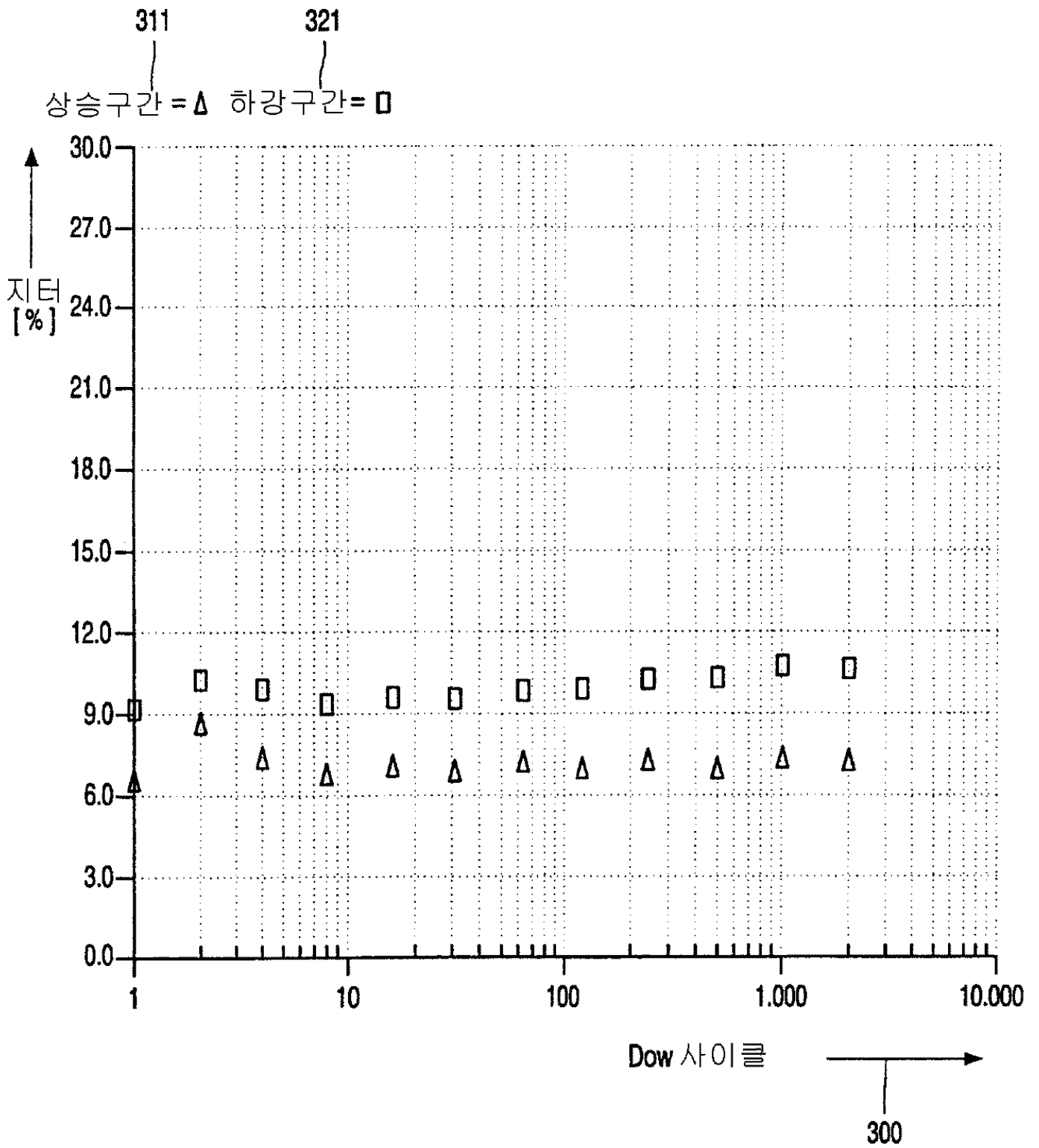
9.

7 ,
 2 (w2)

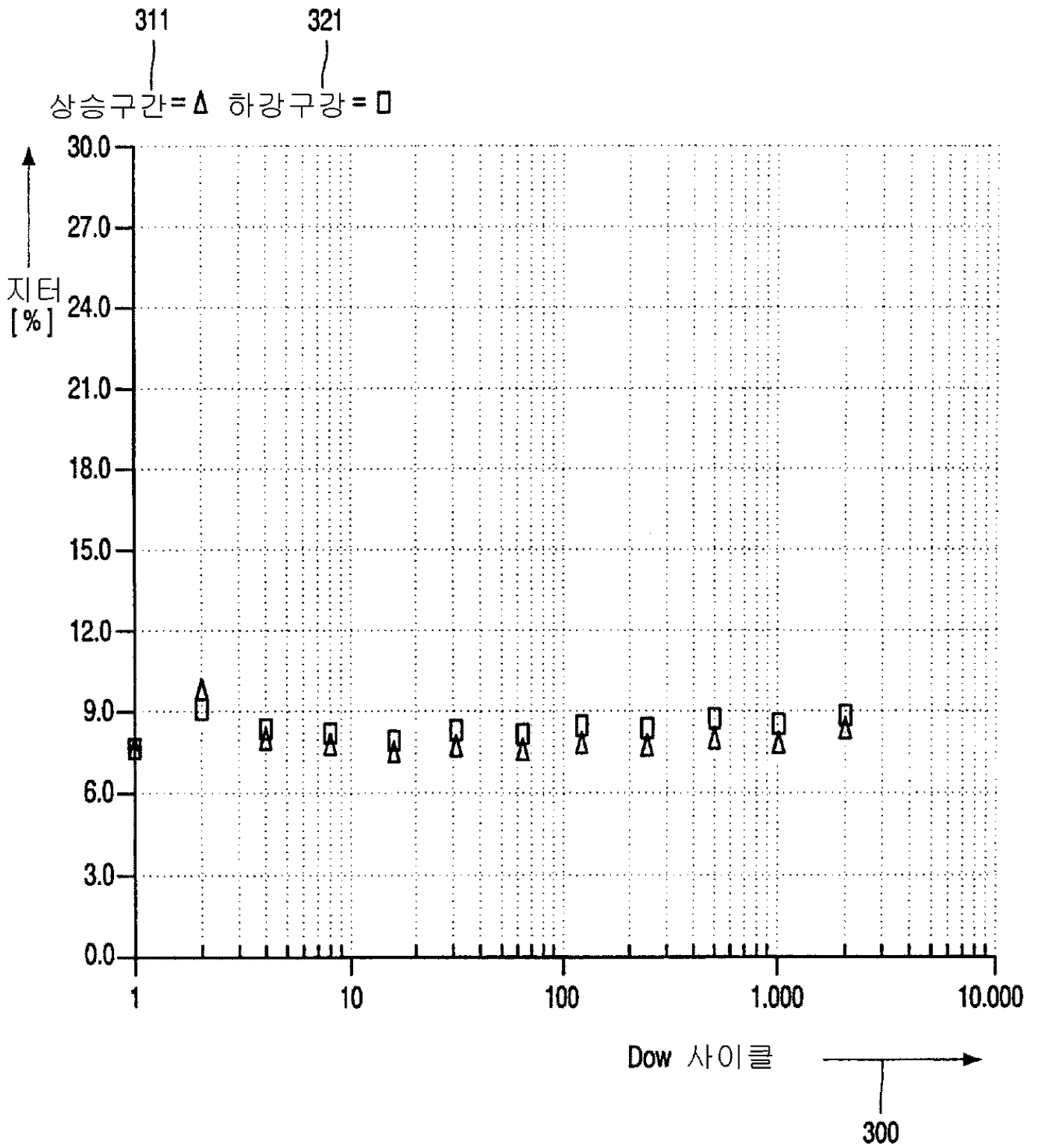
1



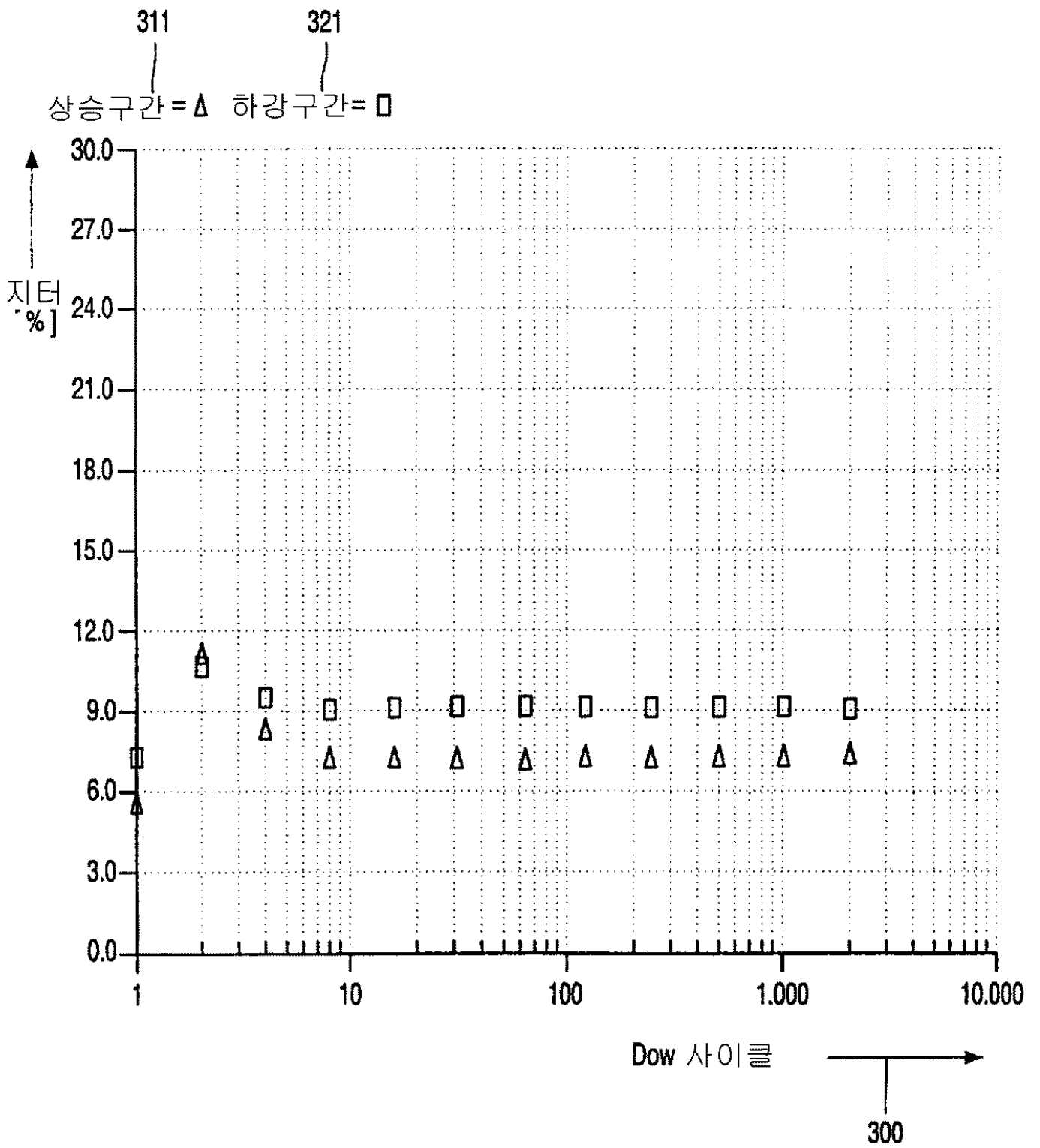
2a



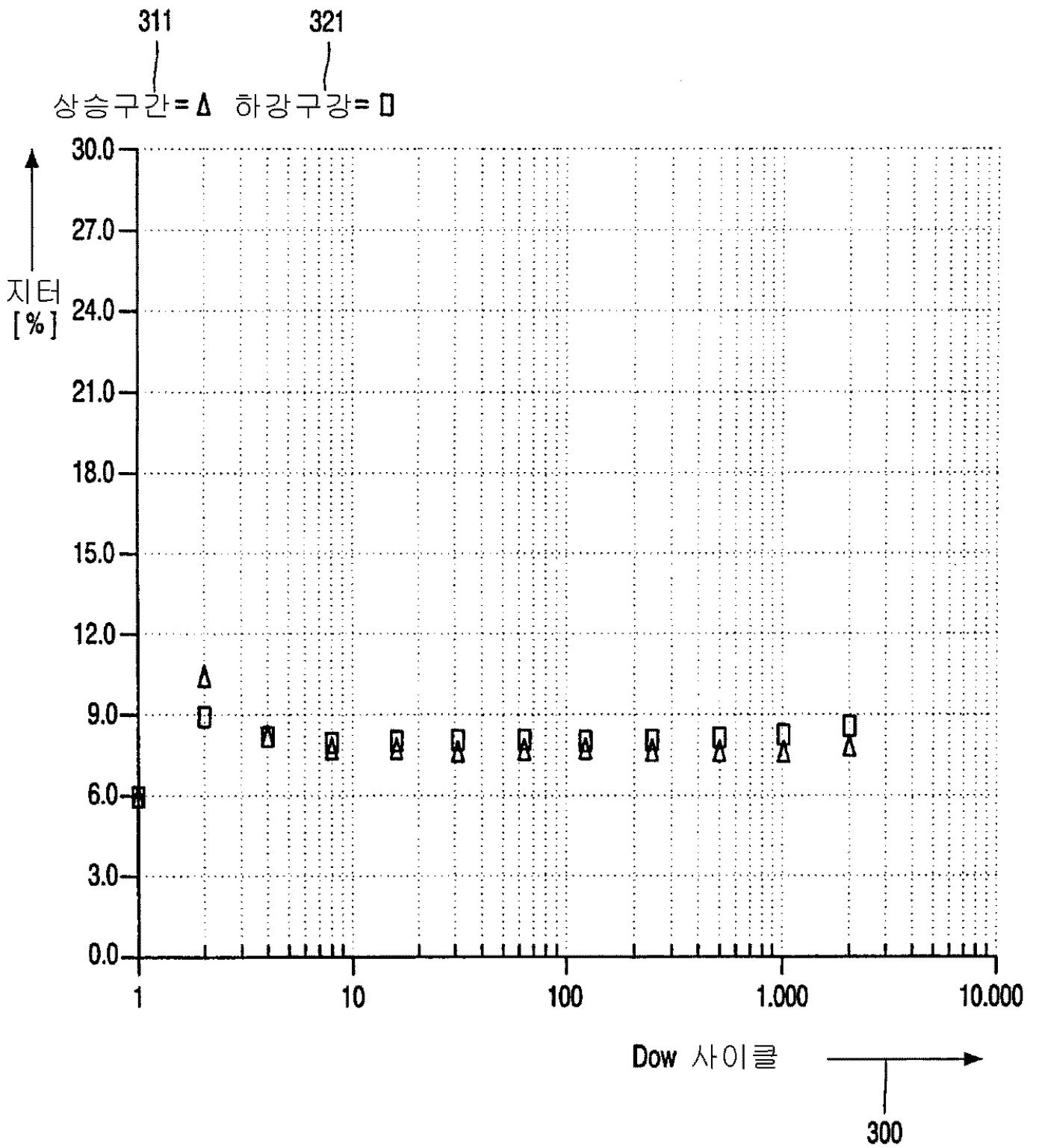
2b



3a



3b



4

