

(19)
(12)

(KR)
(B1)

(51) . Int. Cl. ⁶ H04N 5/74	(45) (11) (24)	2005 02 02 10-0459053 2004 11 19
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(21)	10-1996-0013131	(65)	10-1996-0039945
(22)	1996 04 26	(43)	1996 11 25

(30)	08/429,388	1995 04 26	(US)
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(73)	75265		13500
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(72)	75209	157	5630
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95030	가	25734
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(74)	:
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(54)	:
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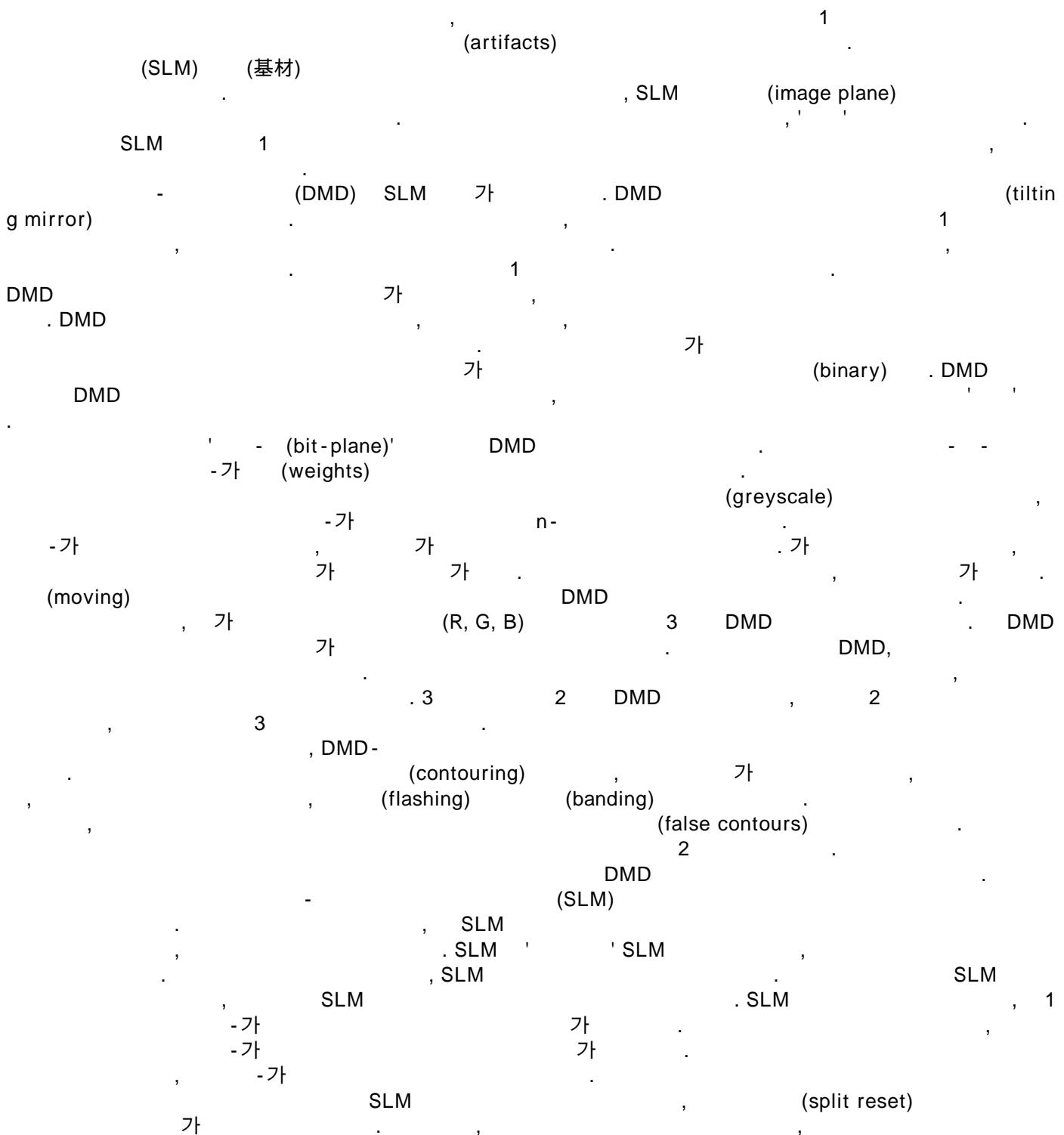
SLM -	-	(10, 20)	,	,
LM	-	가	-	S
(10)	SLM	(20),	,	,
,	-	SLM	(20)	,
,	-	SLM(14)	,	,
,	-	SLM	,	,

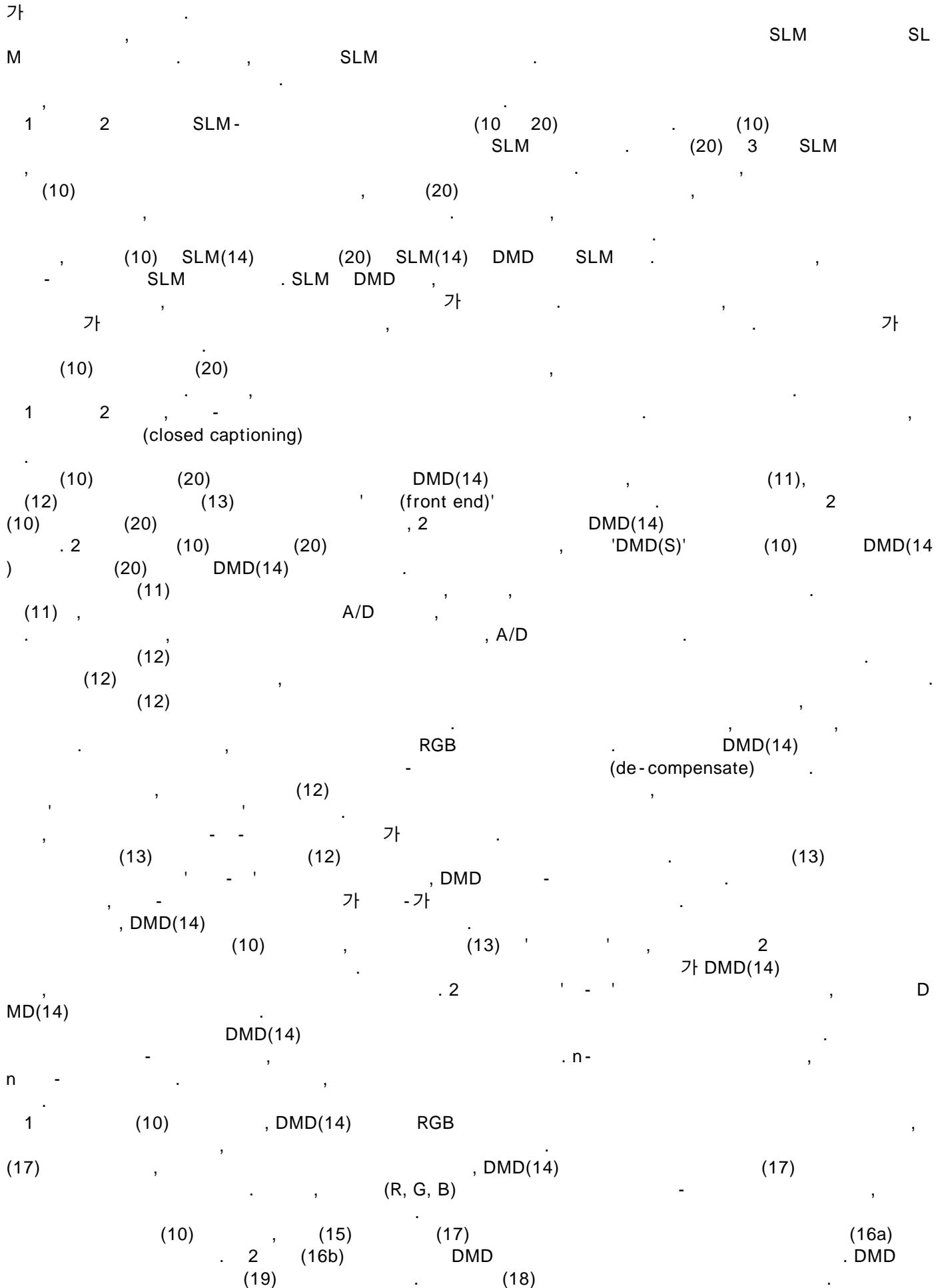
1

1	SLM	SLM -	SLM -
2	SLM	SLM	-
3	SLM	,	-
4	SLM	2	-

10, 20 : SLM -

11 : 12 :
13 : 14 : DMD
15, 16 : 16a, 16b, 18, 26a :
17 : 19 :
26b, 27 :





2 (20) , R, G, B , 3
DMD(14) . (16) (27) , (26a)
. (26) (R, G, B) DMD(14) , (18)
. (26b) DMD(14) (19) , (20) 1 (18)
(18) (19) (20) DMD†
(10) (20) , 2 - DMD

5,079,544 'Standard Independent Digitized Video Systems'; 5,233,385 'White Light Enhanced Color Field Sequential Projection'; 07/678,761 'DMD Architecture and Timing for Use in a Pulse-Width Modulated Display System'; 08/147,249 'Digital Television System'; 08/146,385 'DMD Display System'

가 (transition)

- 가

, 8 -

7,6,5,4,3,2,1,0

- 가

(high)

가

- 가

- 가

2 , MSB 1/2 (MSB)

3 , (20) SLM . DMD(14)
3 DMD(14) - . 14-B . 가

DMD

08/300,356 'Pixel Control Circuit for Spatial Light Modulator'

(

(fanout) 4 . , 4 . . . 480 DMD(14) 120
 (41) . (41) 4 . ,

(42) , 4 가 (42) 3 DMD(14)
DMD(14) 1/4

가 , 1 가 (one time slice)

- 가

n

n

· · , 1 n-1 · , 2 / -가 n-1 가 ,
-가 / -가 . , , , -가

，
DMD

-가 (20)

3

(57)

1.

(artifacts)

1

1 - 가

1

- 가

2.

1 ,

3.

1 , -가

4.

1 , , 2 (time slice)
1 , -가

5.

1 , 2 ,
1 3

6.

1 ,

7.

1 ,

8.

1 , ,

9.

1 , ,

10.

, ,
; 1 -가 ; 1 ; ; -가
1 , , , ; , 2
,

11.

10 , -가

12.

10 , , 2
,

13.

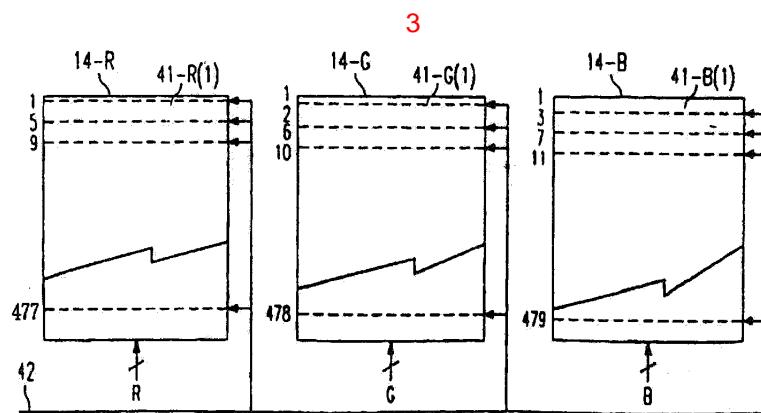
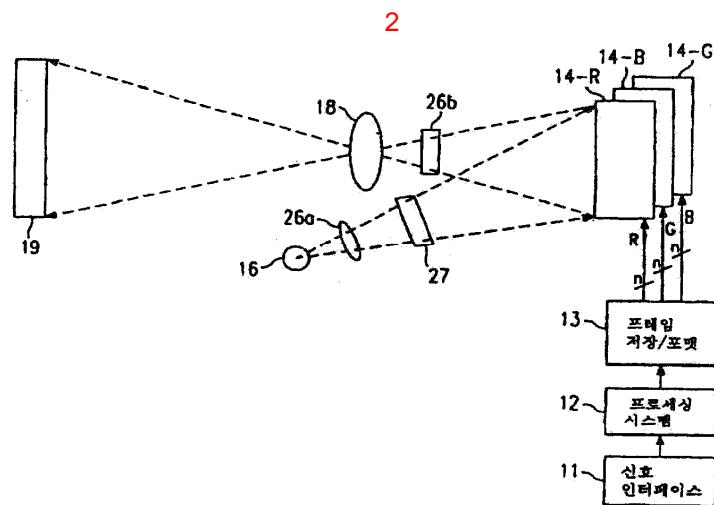
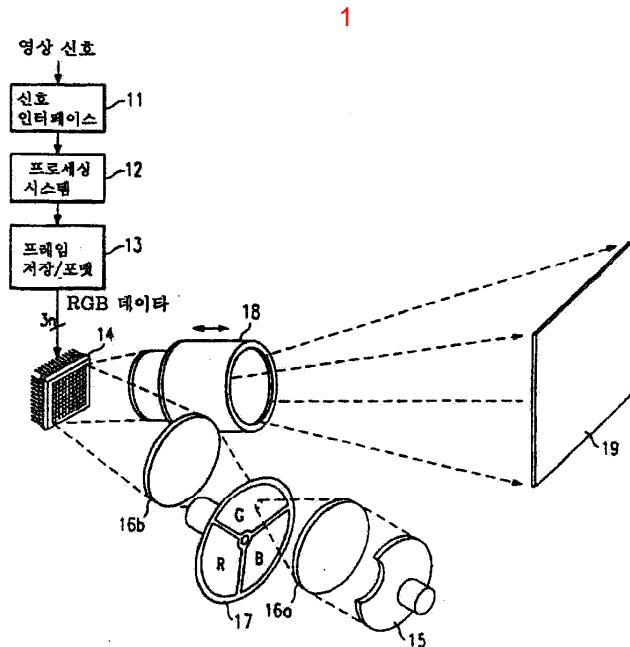
10 ,

14.

10 ,

15.

10 ,



4

