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(KR)
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(51) 。 Int. Cl. ⁷ A61B 10/00		(11) (43)	10-2004-0002829 2004 01 07
(21)	10-2003-0090952		
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(CCD) (C-MOS) (1) (1)

(2) , (LED)(3), (4)

(6) (C) (RGB) (B)(5) (C) 3

(C), (11) (9) , (11) ,

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A: B: (RGB)

C:

1: 2:

3: (LED) 4:

5: (RGB) 6:

7: 8:

9: 10:

11: 12:

13: 14: (Image Device)

15:

(測色的) (色度表示法) 가
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 (主波長) 가
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 [1]
 (:ICI 3)
 CIE() 가
 [2]
 CIE() (表色系)(2 CIE())
 $x = X/(X + Y + Z)$, $y = Y/(X + Y + Z)$, $z = Z/(X + Y + Z)$ 가
 $x + y + z = 1$ 가
 x, y, z 가
 ;BLUE) 256 (0~255), 256 (0~255), 3 (;RED, ;GREEN, (1:RGB
 (orange) : 255, :116, :21
 (orange) x:0.506, y:0.407, z:0.087 (x+y+z=1) 3 x,y,z

가

[1]

No	이름(Name)	R	G	B
1	다크 스킨(Dark Skin)	94	28	13
2	라이트 스킨(Light Skin)	241	149	108
3	블루 스카이(Blue Sky)	97	119	171
4	군엽(Foliage)	90	103	39
5	파란색 꽃(Blue Flower)	164	131	196
6	푸른 녹색(Bluish Green)	140	253	153
7	오렌지(Orange)	255	116	21
8	자주빛 파랑(Purplish Blue)	7	47	122
9	온화한 빨강(Moderate Red)	222	29	42
10	자주(Purple)	69	0	68
11	노란녹색(Yellow Green)	187	255	19
12	오렌지 노랑(Orange Yellow)	255	142	0
13	파랑(Blue)	0	0	142
14	녹색(Green)	64	173	38
15	빨강(Red)	203	0	0
16	노랑(Yellow)	255	217	0
17	자홍(Magenta)	207	3	124
18	청록(Cyan)	0	148	189
19	흰색[White(0.5°)]	255	255	255
20	회색8[Neutral8(23°)]	249	249	249
21	회색6.5[Neutral6.5(44°)]	180	180	180
22	회색5[Neutral5(70°)]	117	117	117
23	회색3.5[Neutral3.5(1.05°)]	53	53	53
24	검정[Black(1.50°)]	0	0	0

RGB

[2]

No	이름(Name)	x	y	z	Y	만셀 표색계 (Munsell Notation)	
						색조 (Hue)	채도 (Value/Chroma)
1	다크 스킨(Dark Skin)	0.400	0.350	0.250	10.1	3YR	3.7/3.2
2	라이트 스킨(Light Skin)	0.377	0.345	0.278	35.8	2.2YR	6.47/4.1
3	블루 스카이(Blue Sky)	0.247	0.251	0.502	19.3	4.3PB	4.95/5.5
4	군엽(Foliage)	0.337	0.422	0.241	13.3	6.7GY	4.2/4.1
5	파란색 꽃(Blue Flower)	0.265	0.240	0.495	24.3	9.7PB	5.47/6.7
6	푸른 녹색(Bluish Green)	0.261	0.343	0.396	43.1	2.5BG	7/6
7	오렌지(Orange)	0.506	0.407	0.087	30.1	5P	6/11
8	자주빛 파랑(Purplish Blue)	0.211	0.175	0.614	12.0	5GY	4/10.7
9	온화한 빨강(Moderate Red)	0.453	0.306	0.241	19.8	10YR	5/10
10	자주(Purple)	0.285	0.202	0.513	6.6	7.5PB	3/7
11	노란녹색(Yellow Green)	0.380	0.489	0.131	44.3	0.25G	7.1/9.1
12	오렌지 노랑(Orange Yellow)	0.473	0.438	0.089	43.1	5R	7/10.5
13	파랑(Blue)	0.187	0.129	0.684	6.1	5Y	2.9/12.7
14	초록(Green)	0.305	0.478	0.217	23.4	2.5RP	5.4/8.65
15	빨강(Red)	0.539	0.313	0.148	12.0	5B	4/12
16	노랑(Yellow)	0.448	0.470	0.082	59.1	N	8/11.1
17	자홍(Magenta)	0.364	0.233	0.403	19.8	N	5/12
18	청록(Cyan)	0.196	0.252	0.552	19.8	N	5/8
19	흰색[White(0.5°)]	0.310	0.316	0.374	90.0	N	9.5/
20	회색8[Neutral8(23°)]	0.310	0.316	0.374	59.1	N	5/
21	회색6.5[Neutral6.5(44°)]	0.310	0.316	0.374	36.2	N	6.5/
22	회색5[Neutral5(70°)]	0.310	0.316	0.374	19.8	N	5/
23	회색3.5[Neutral3.5(1.05°)]	0.310	0.316	0.374	9.0	N	3.5/
24	검정[Black(1.50°)]	0.310	0.316	0.374	3.1	N	2/

CIE()

(1) (LED)(3), (4) (1) (2) , (CCD) (C-MOS)
 5) (C) (11) , (6) (C) (RGB) (B)(
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 (13) (14) (11) 3 (15) 3
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(LED)(3) (4)
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, (1) (AWB;Auto White Balance)
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(1)가 (AWB;Auto White Balance) (1)

1/4 (B)(5) 1/3 (1)가 (1)가 1/4 (RGB)
 (1) (RGB) (B)(5) (1)

(1) (11)
 3 (;RED, ;GREEN, ;BLUE) 256 (0~255), 3 256 (0~255),
 256 (0~255) [1] . (11)
 (orange) : 255, :116, :21 3 [2] x:0.506, y:0.4
 07, z:0.087 (x+y+z=1)

(11) (14)
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C-MOS)

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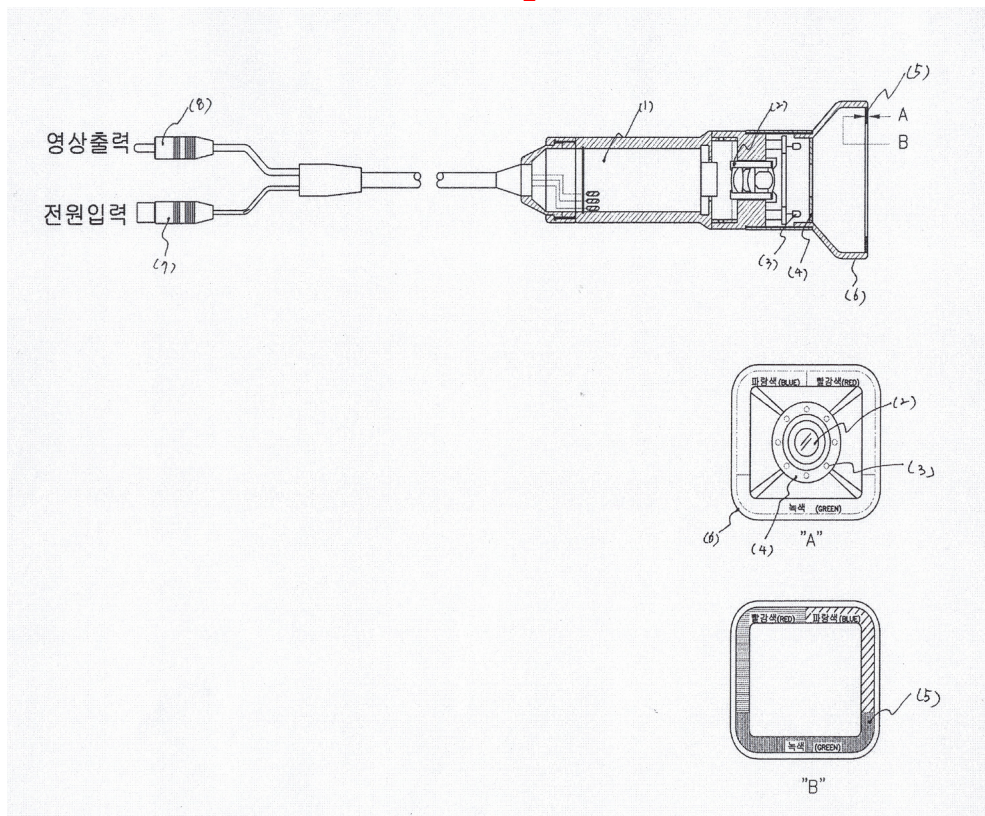
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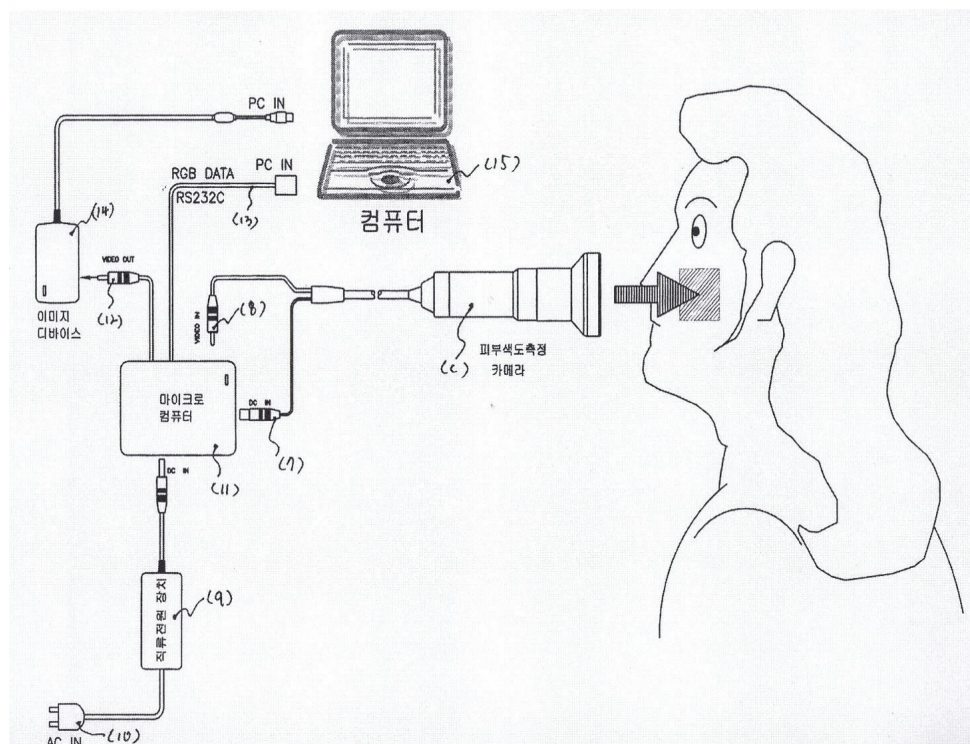
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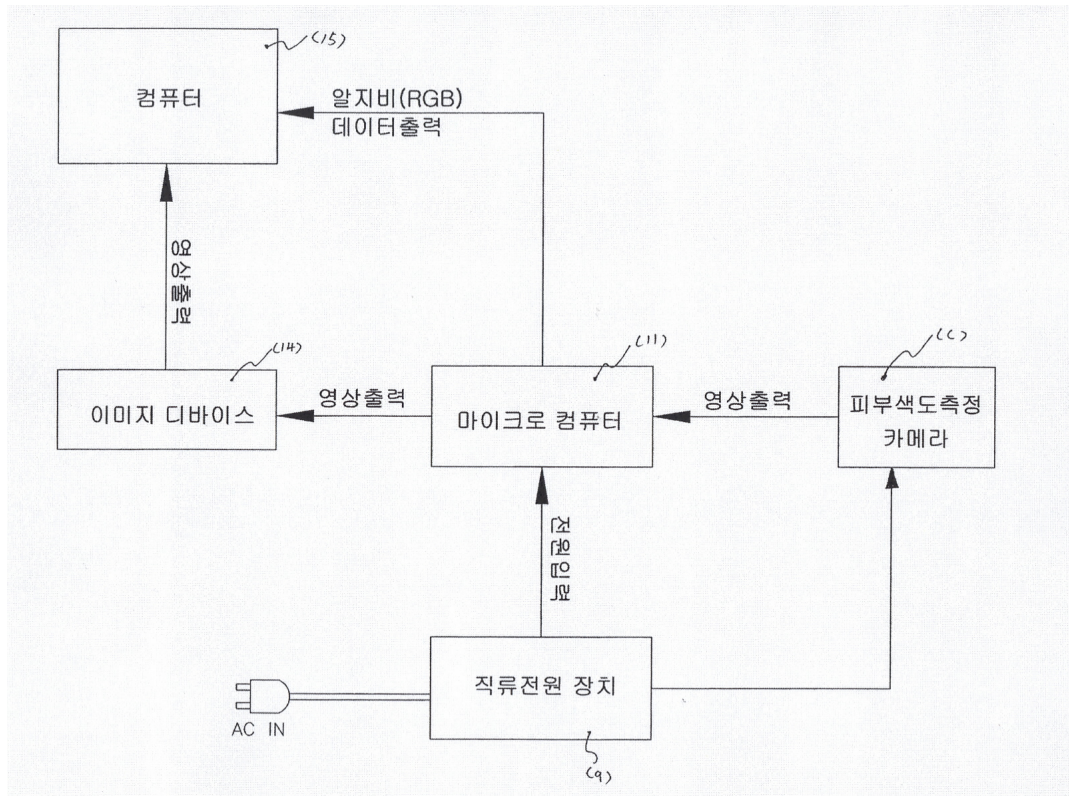
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