

FIG. 1

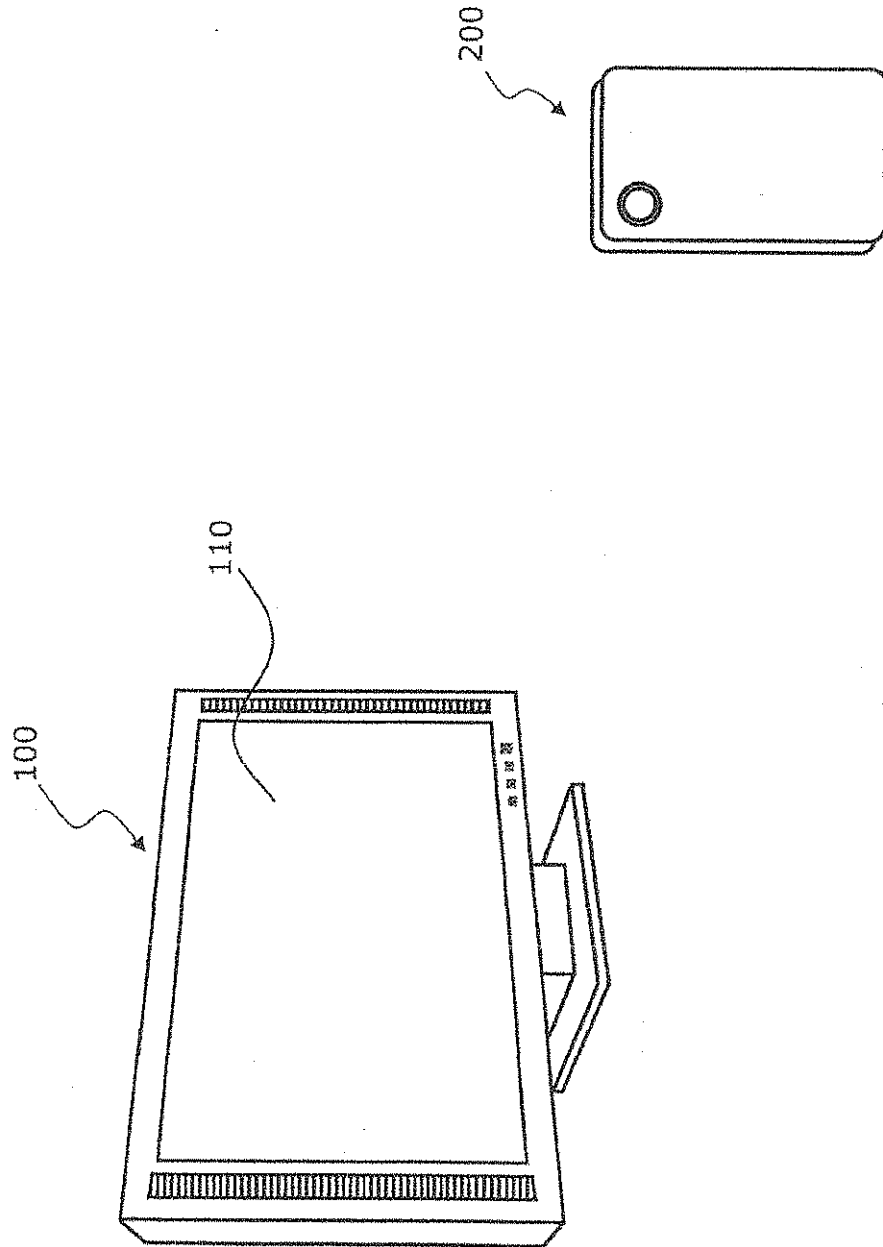


FIG. 2

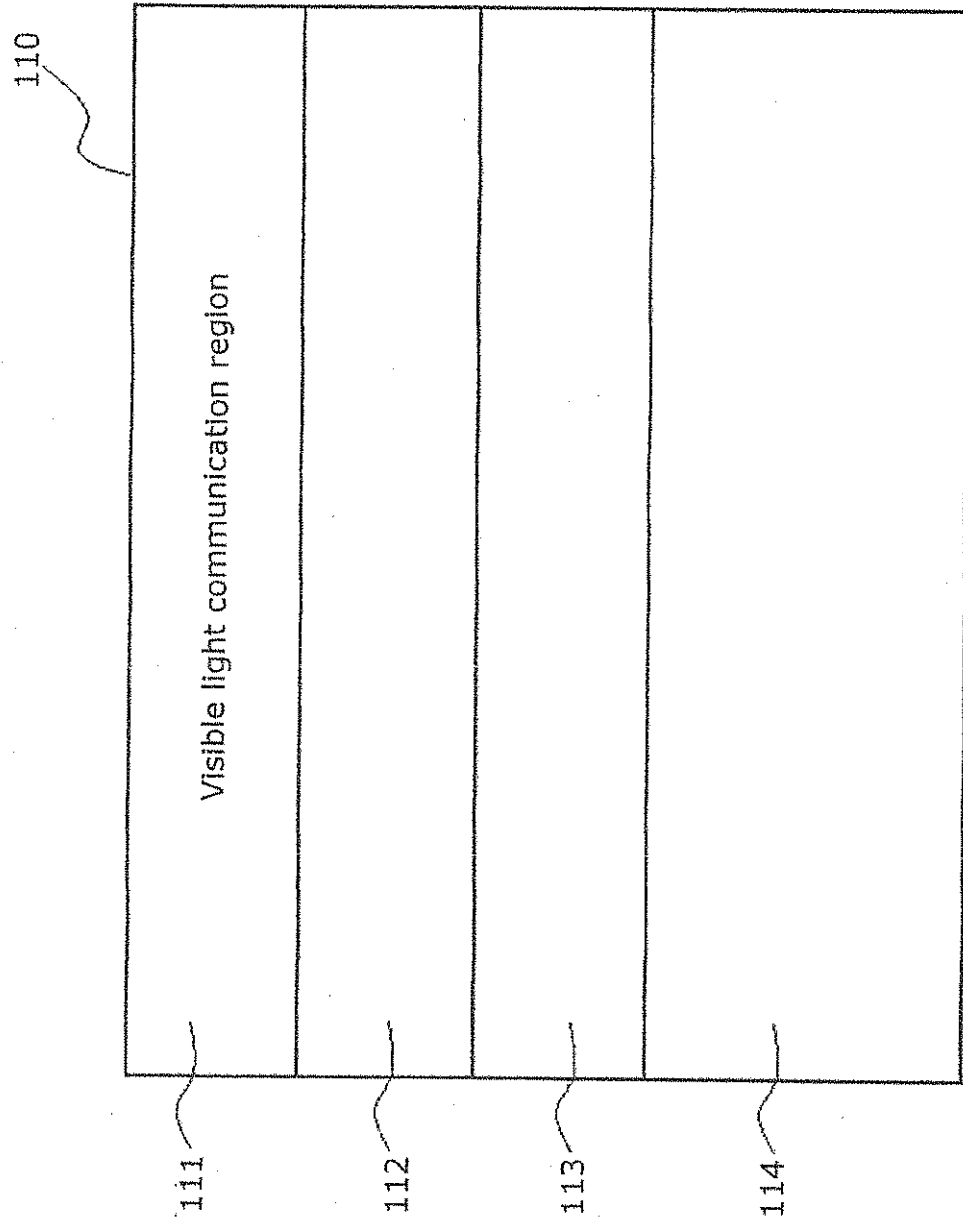


FIG. 3

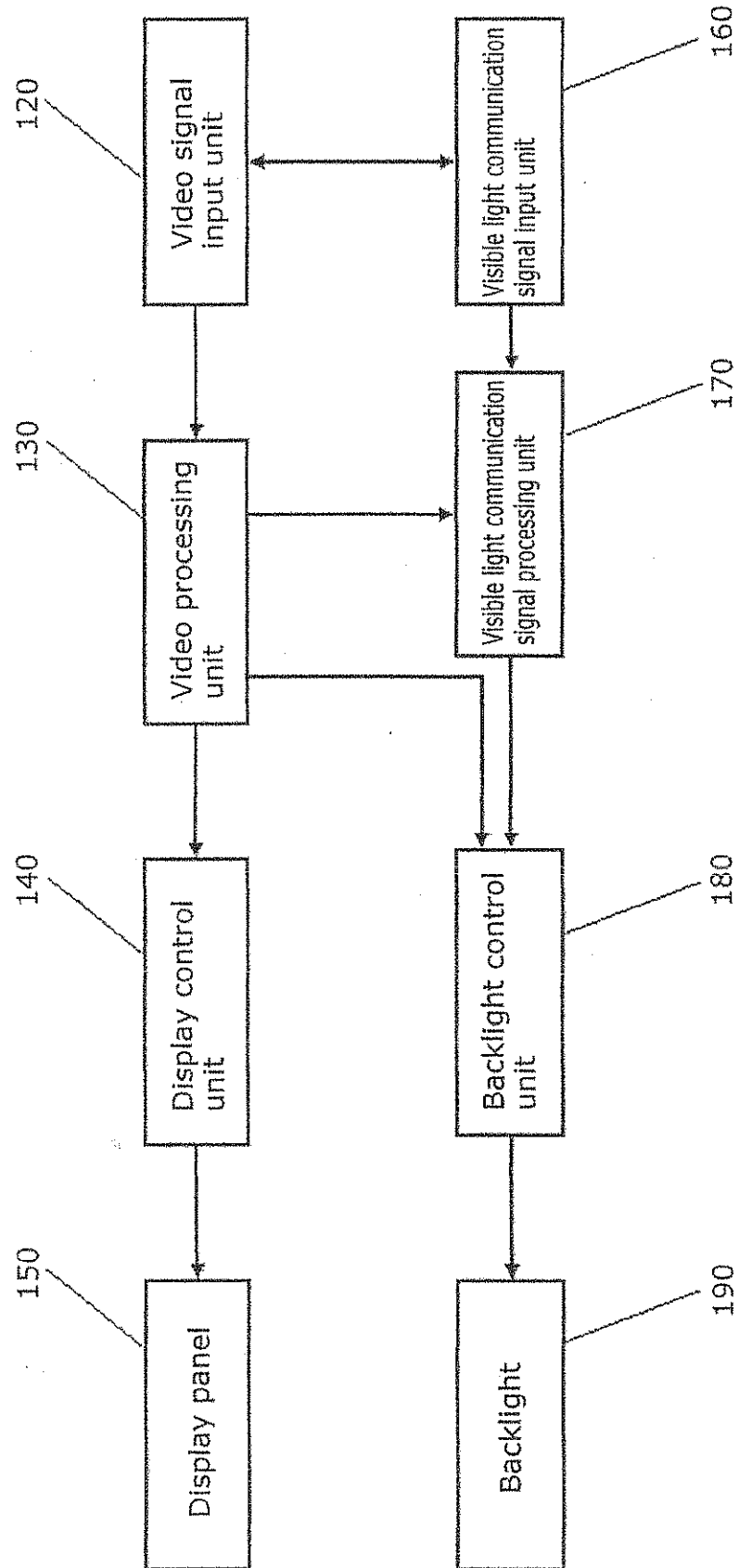


FIG. 4

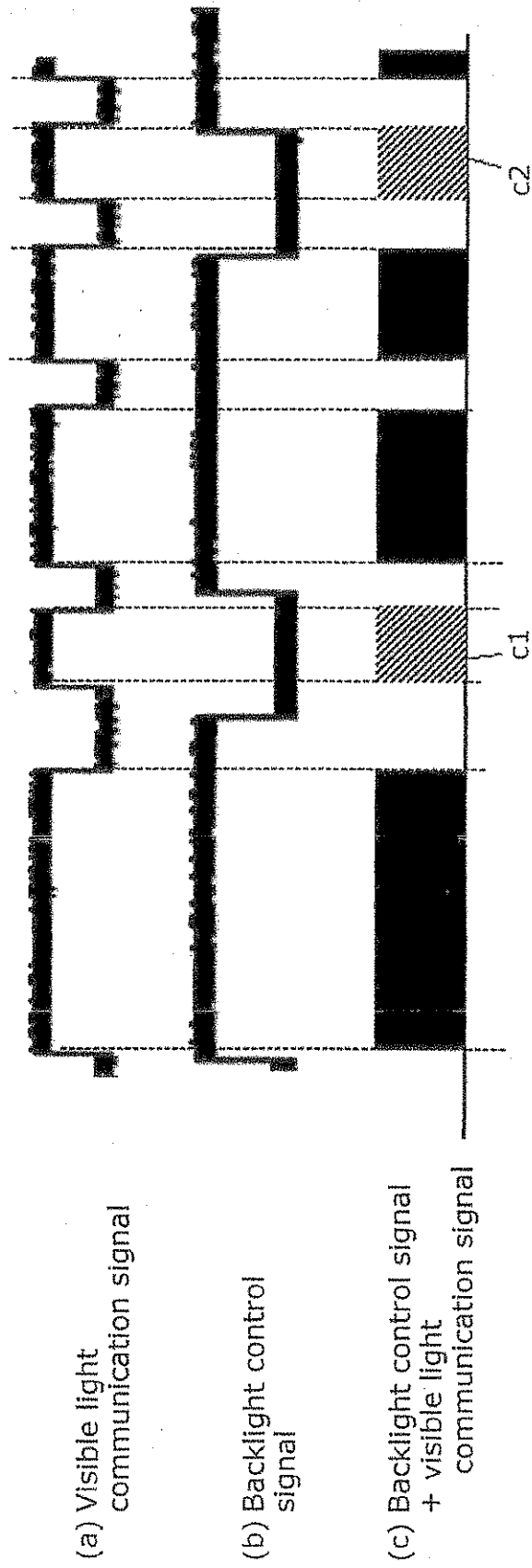
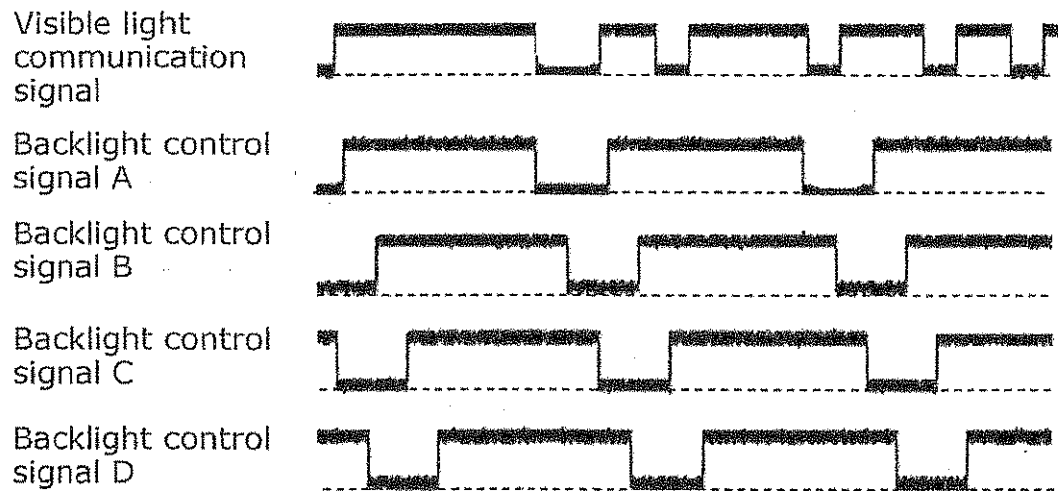
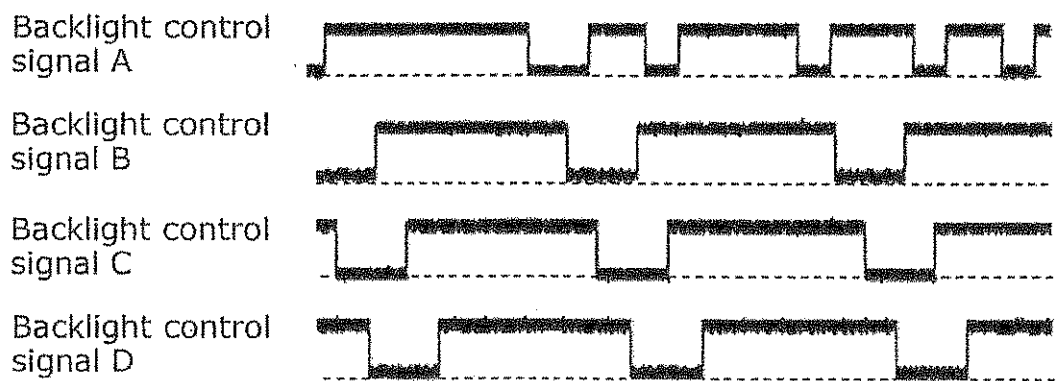


FIG. 5



(a)



(b)

FIG. 6A

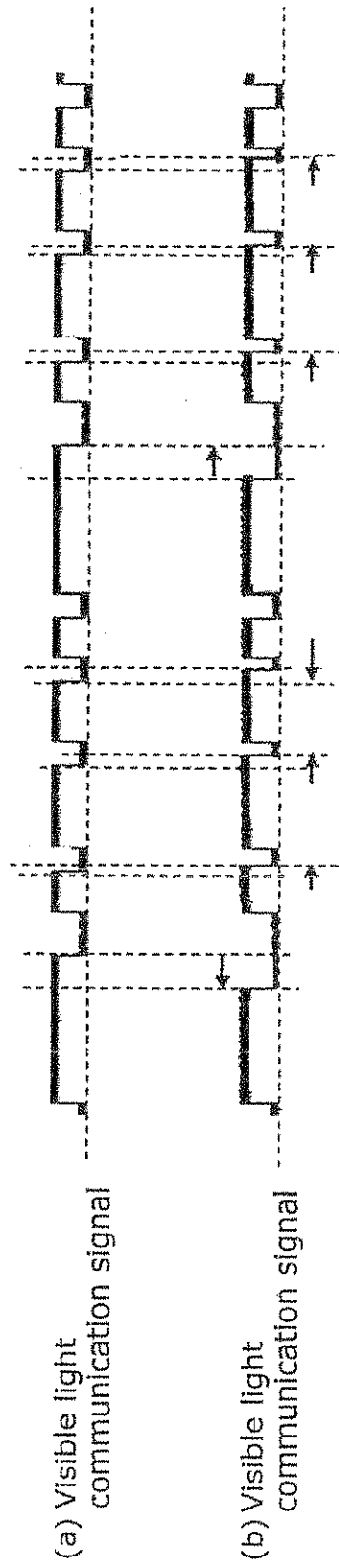


FIG. 6B

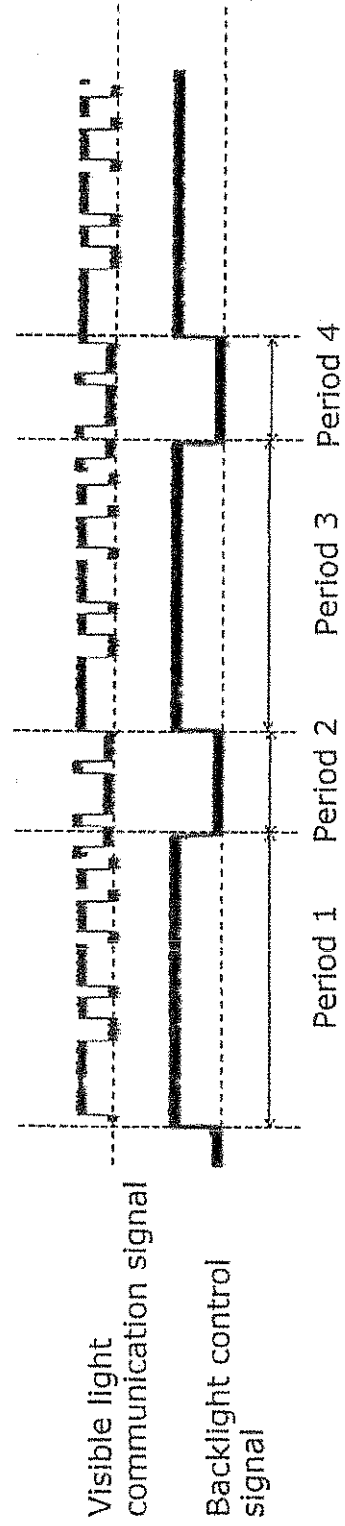


FIG. 7

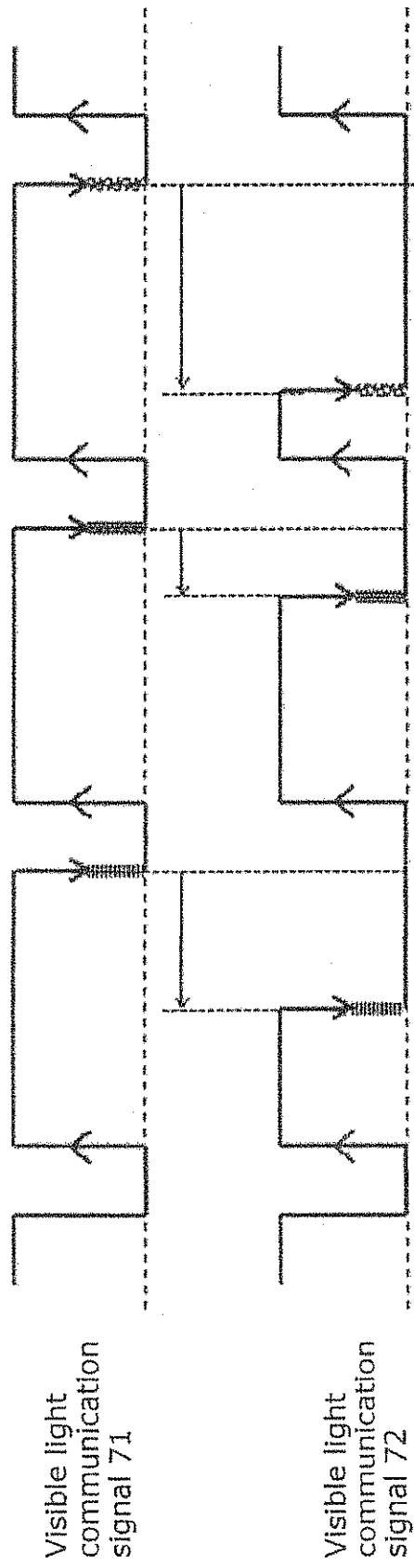
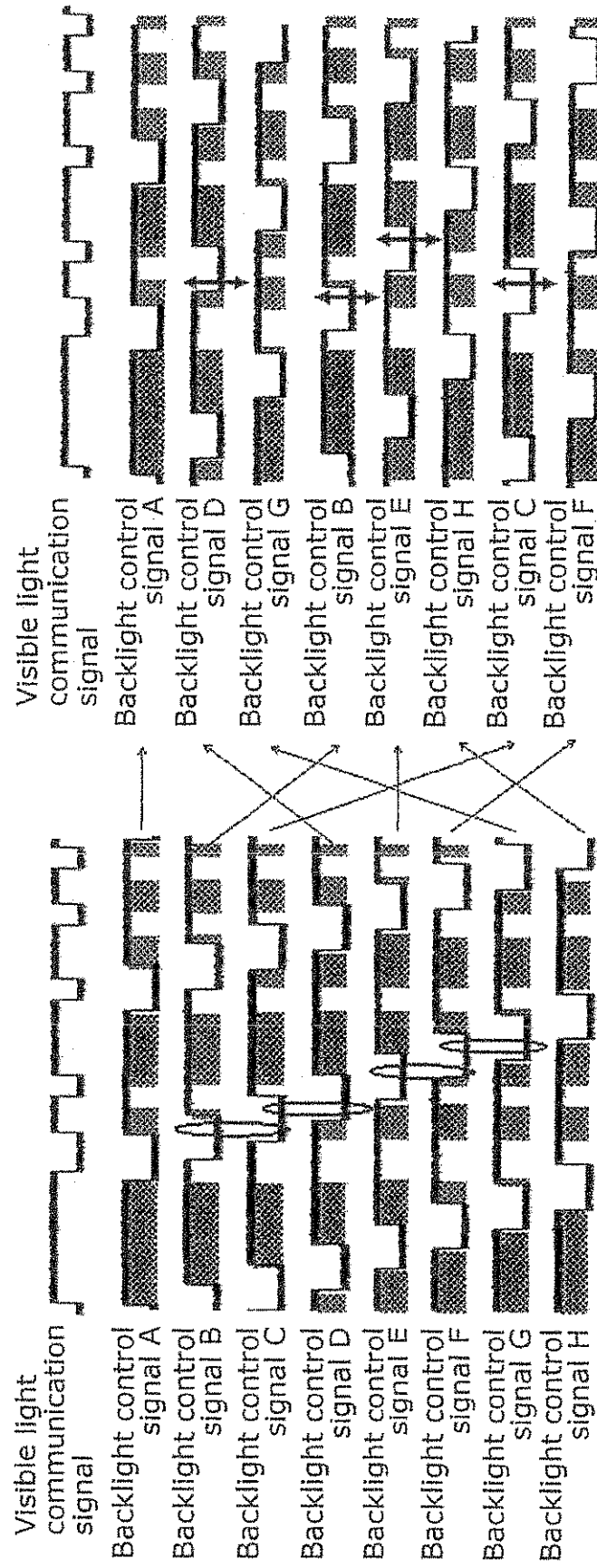


FIG. 8



(a)

(b)

FIG. 9

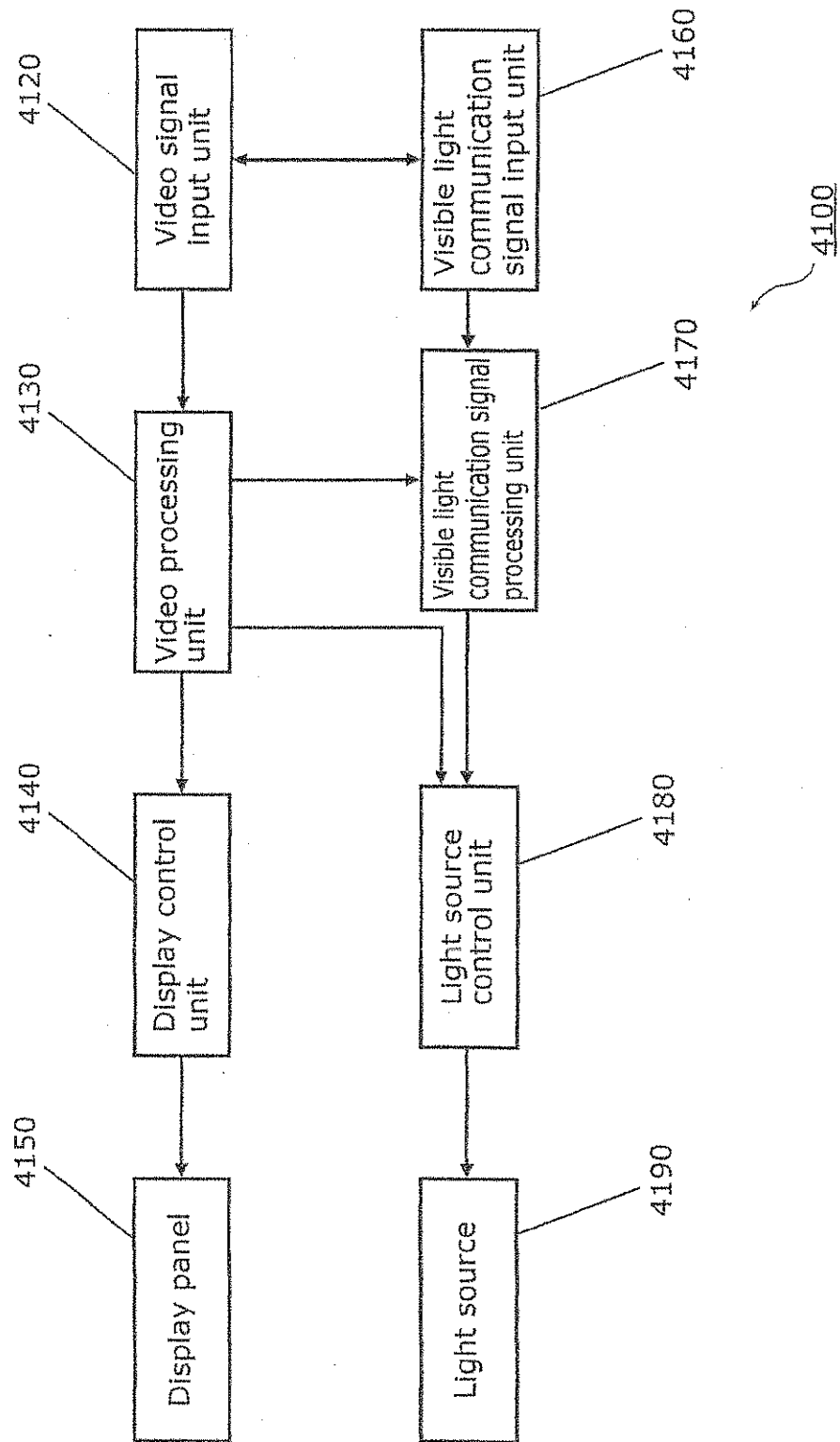


FIG. 10

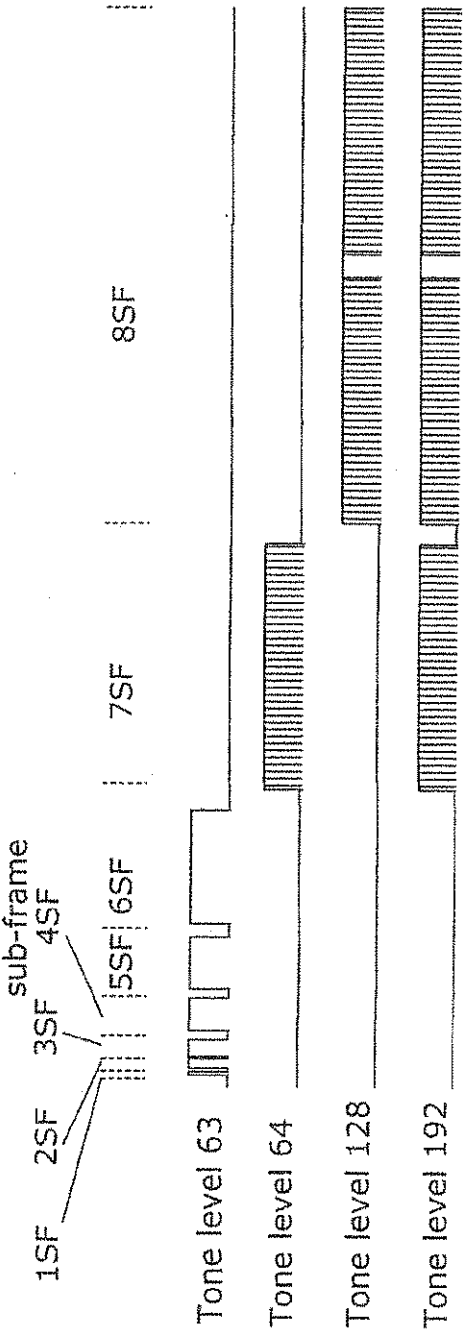


FIG. 11

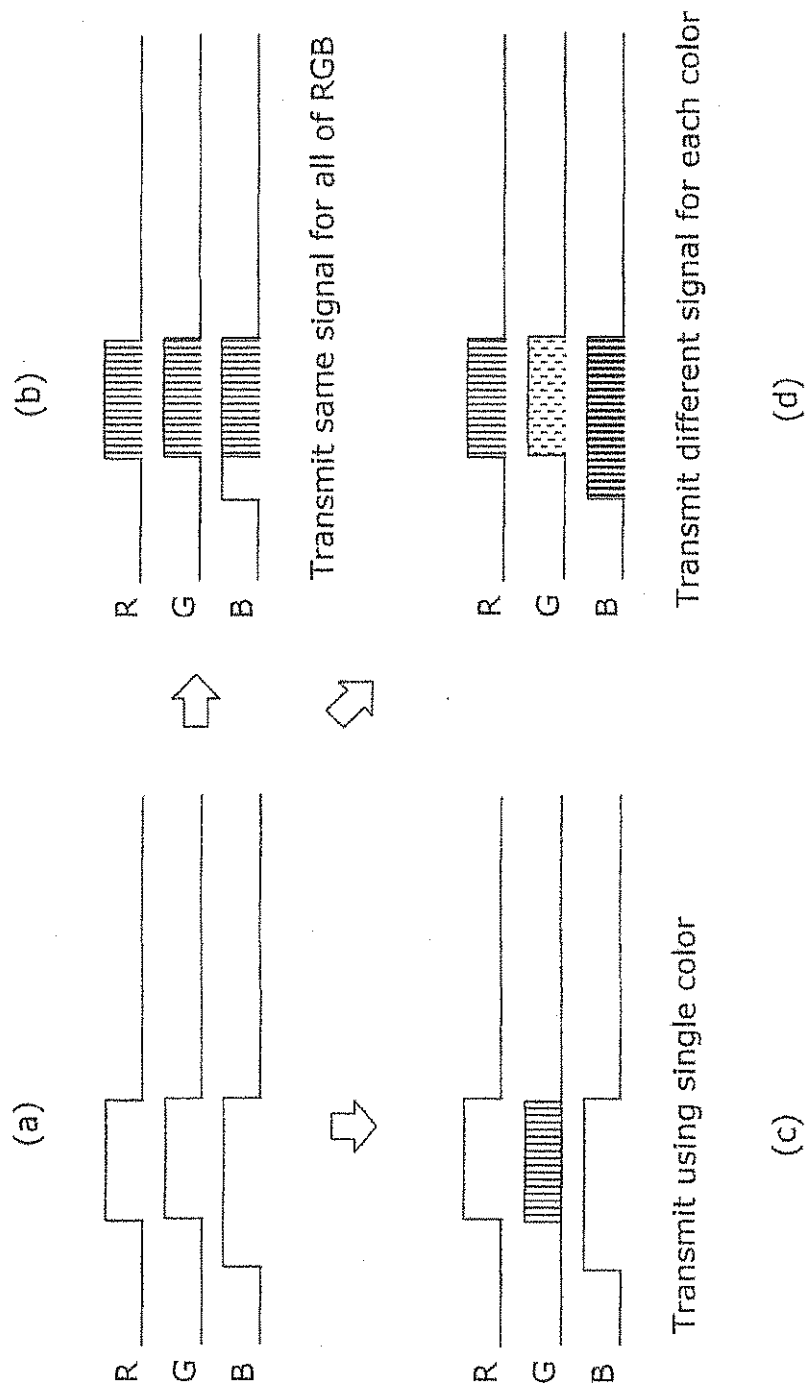


FIG. 12

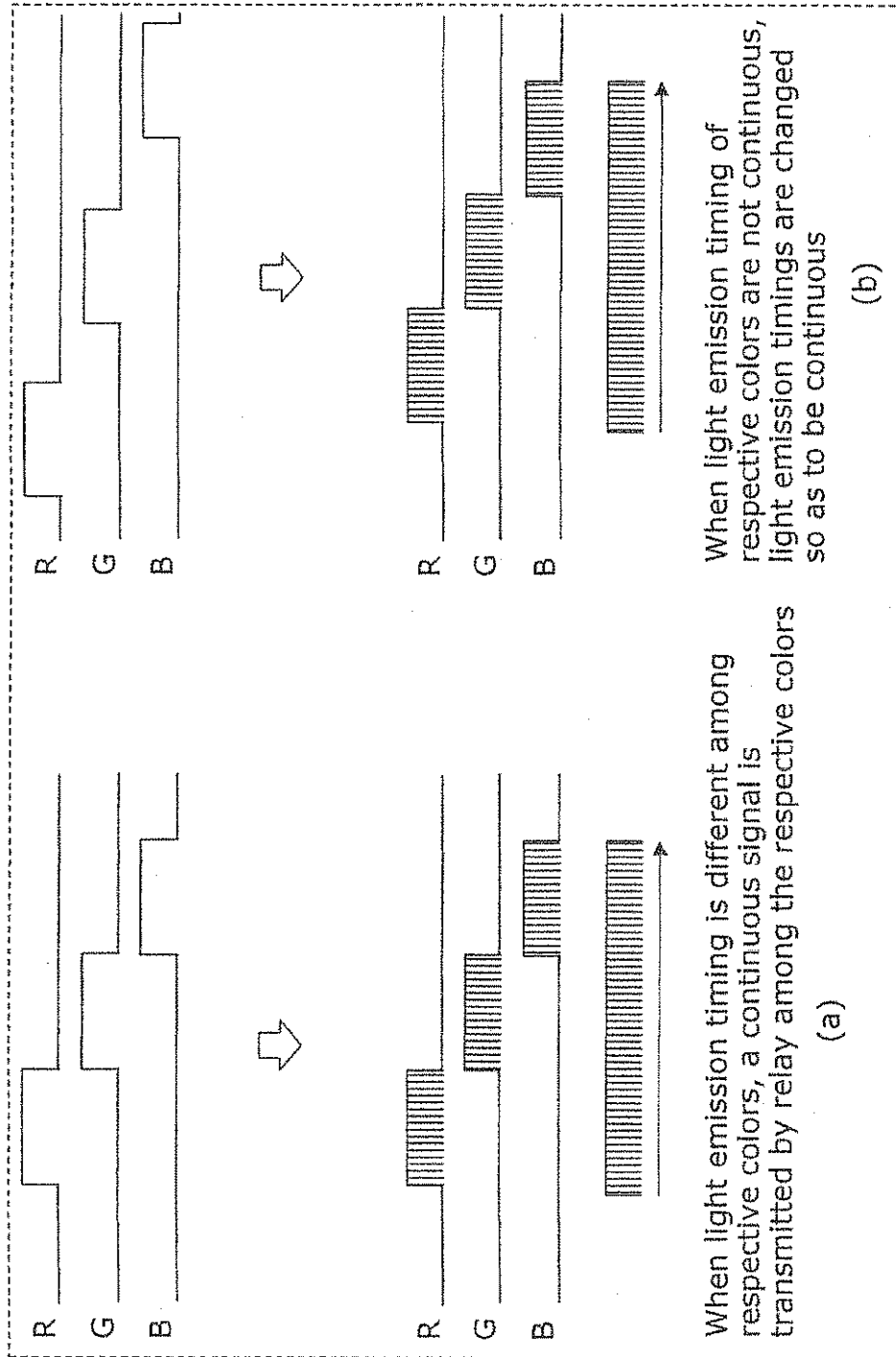
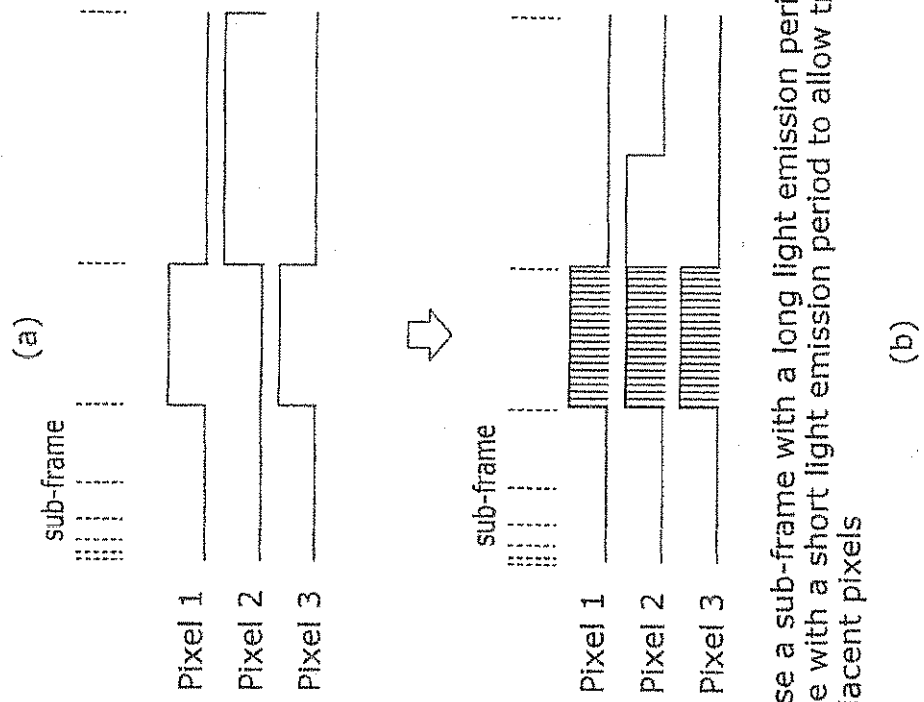
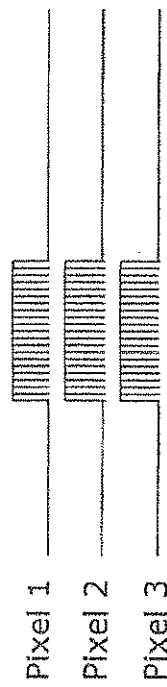
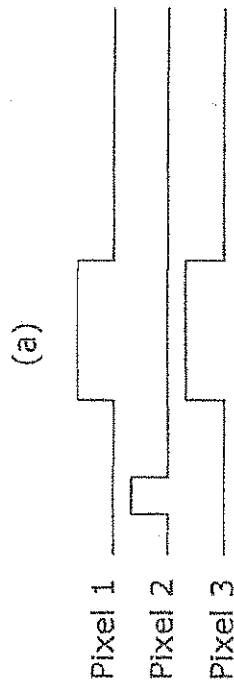


FIG. 13



Superimpose a sub-frame with a long light emission period onto the time of a sub-frame with a short light emission period to allow transmission at the same time as adjacent pixels

FIG. 14



Prolong light emission period of pixel with short light emission period to allow transmission in the same time as adjacent pixels

Since this process entails picture quality deterioration, the process is performed only in areas which are not noticeable when viewed by a person

- Portion near edge of image
- Portion with low degree of attention in a saliency map (portion with low luminance, portion with minimal edge, portion with minimal motion)

(b)

FIG. 15

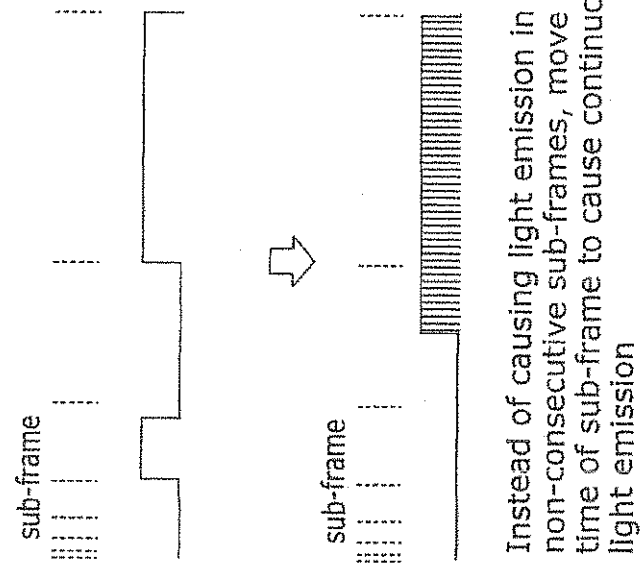


FIG. 16

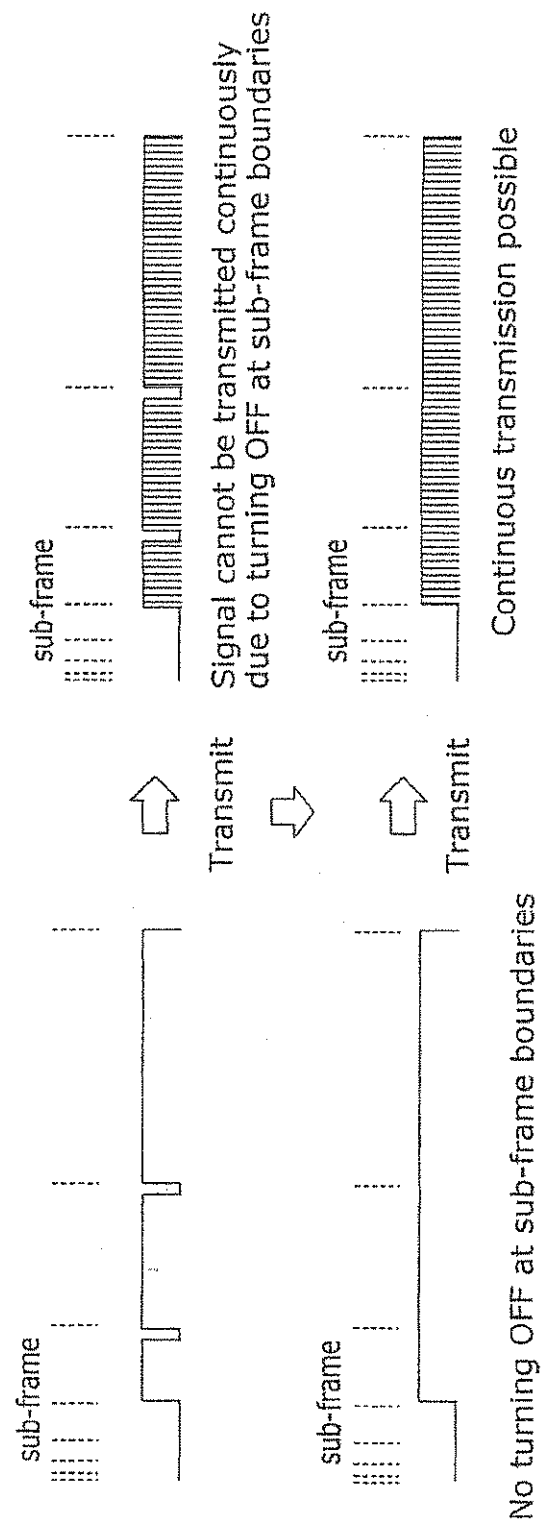
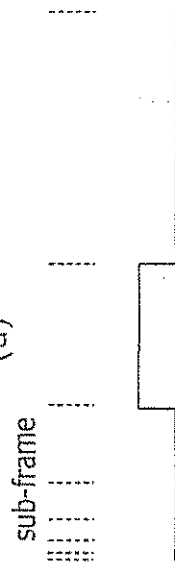


FIG. 17

(a)



sub-frame



Since signal superimposing causes darkening, extend light emission time up to adjacent sub-frame so that average brightness is the same

(b)

sub-frame



Since signal superimposing causes darkening, cause light emission in a different sub-frame so that average brightness is the same

(c)

FIG. 18

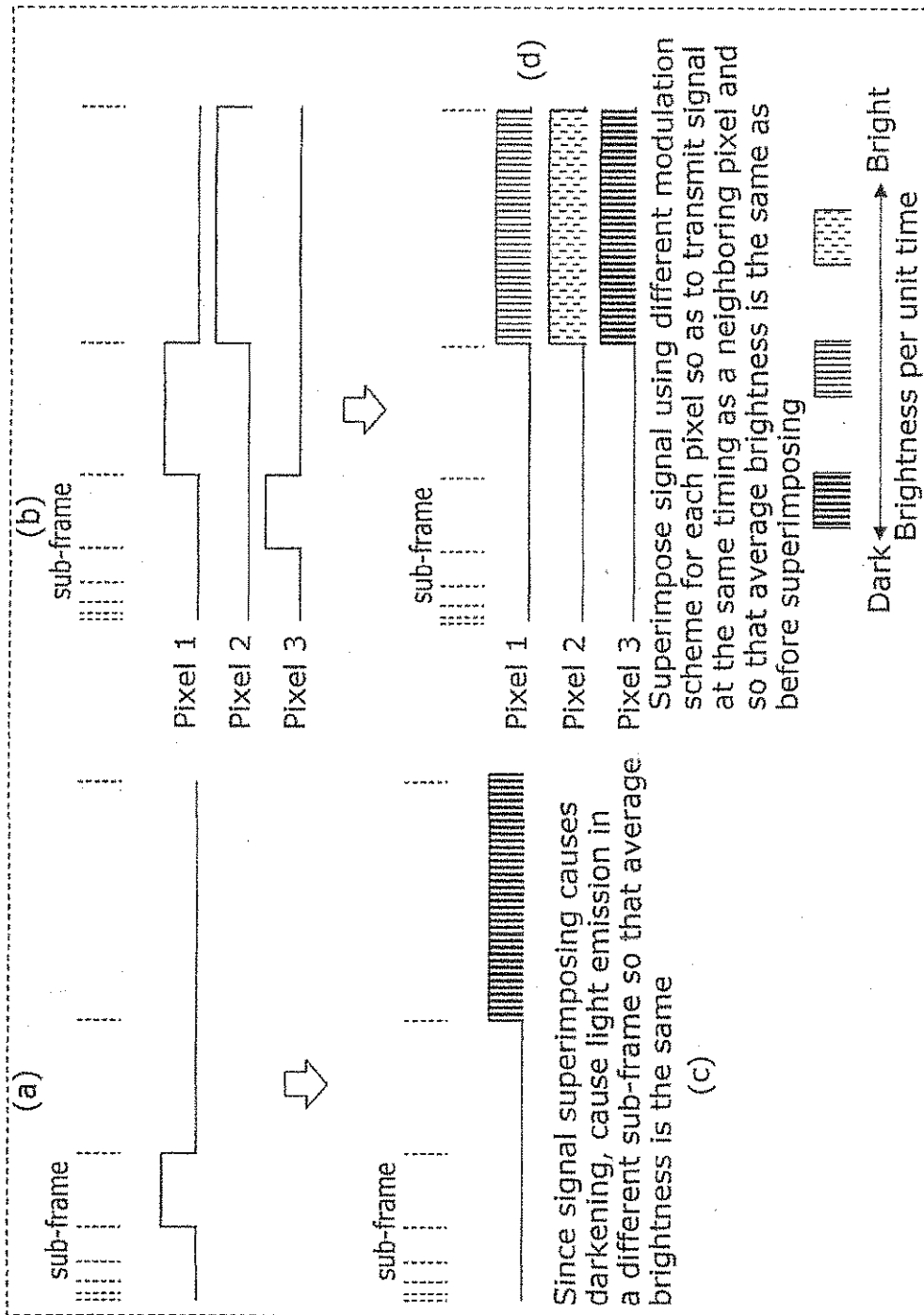


FIG. 19

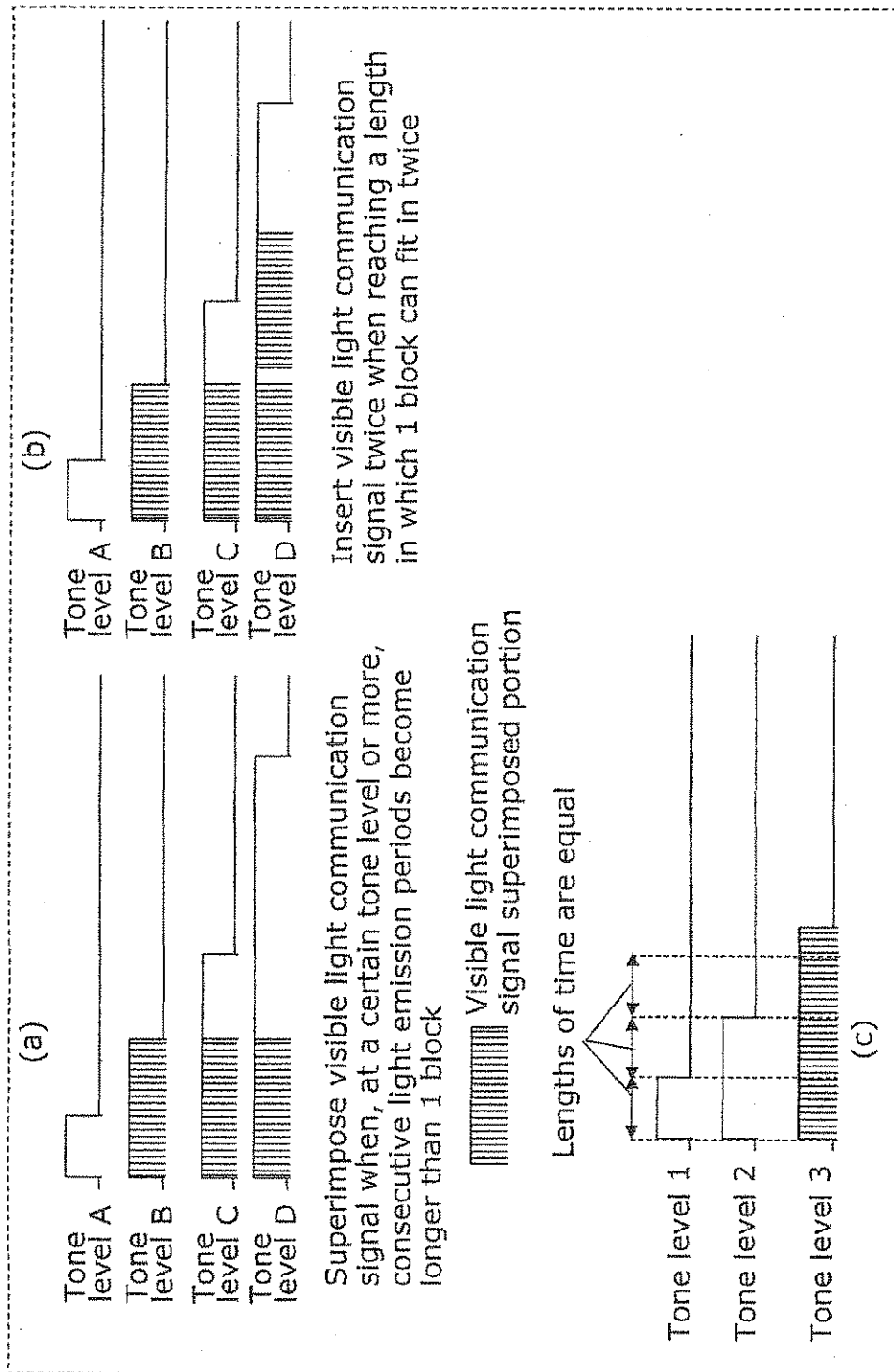


FIG. 20

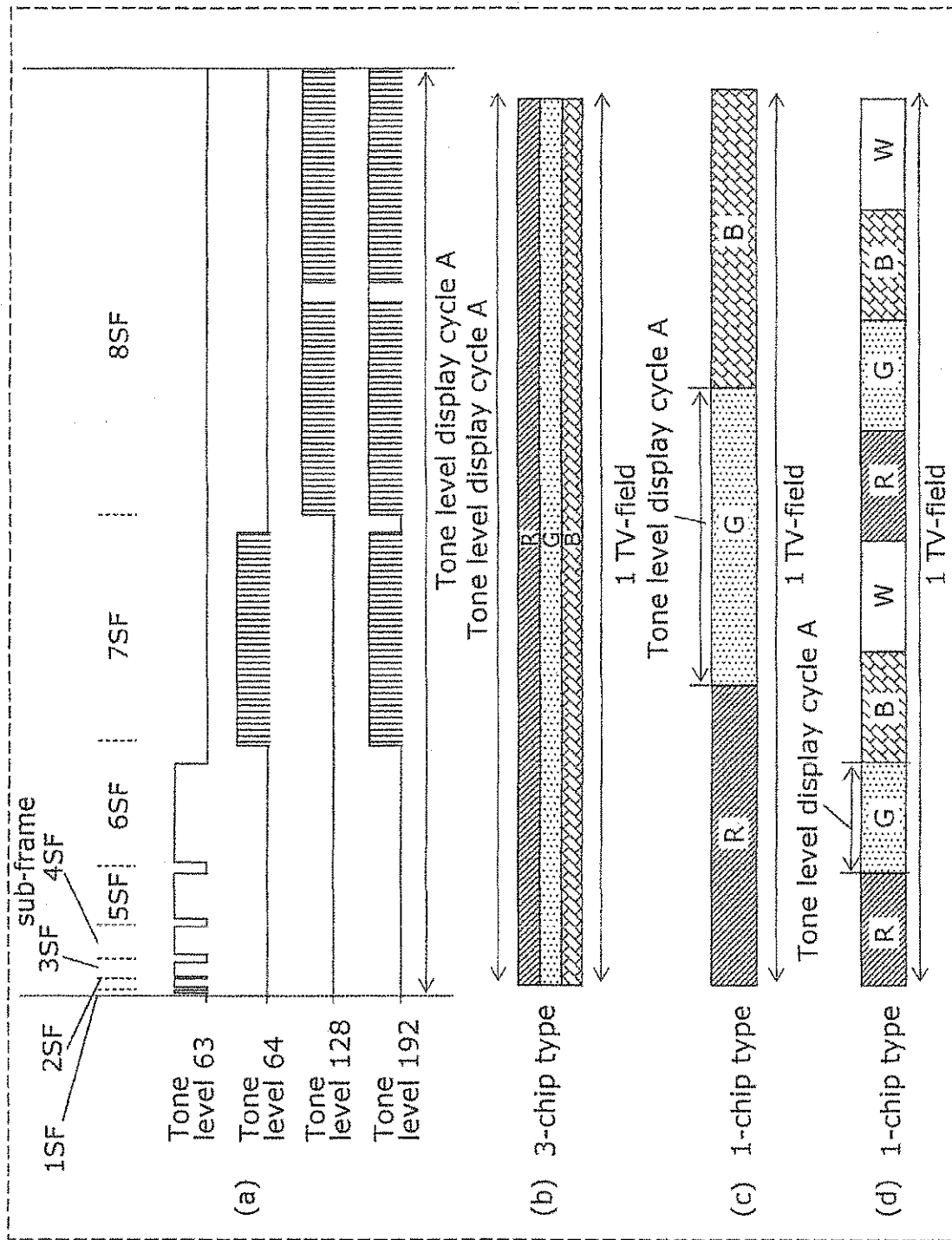


FIG. 21

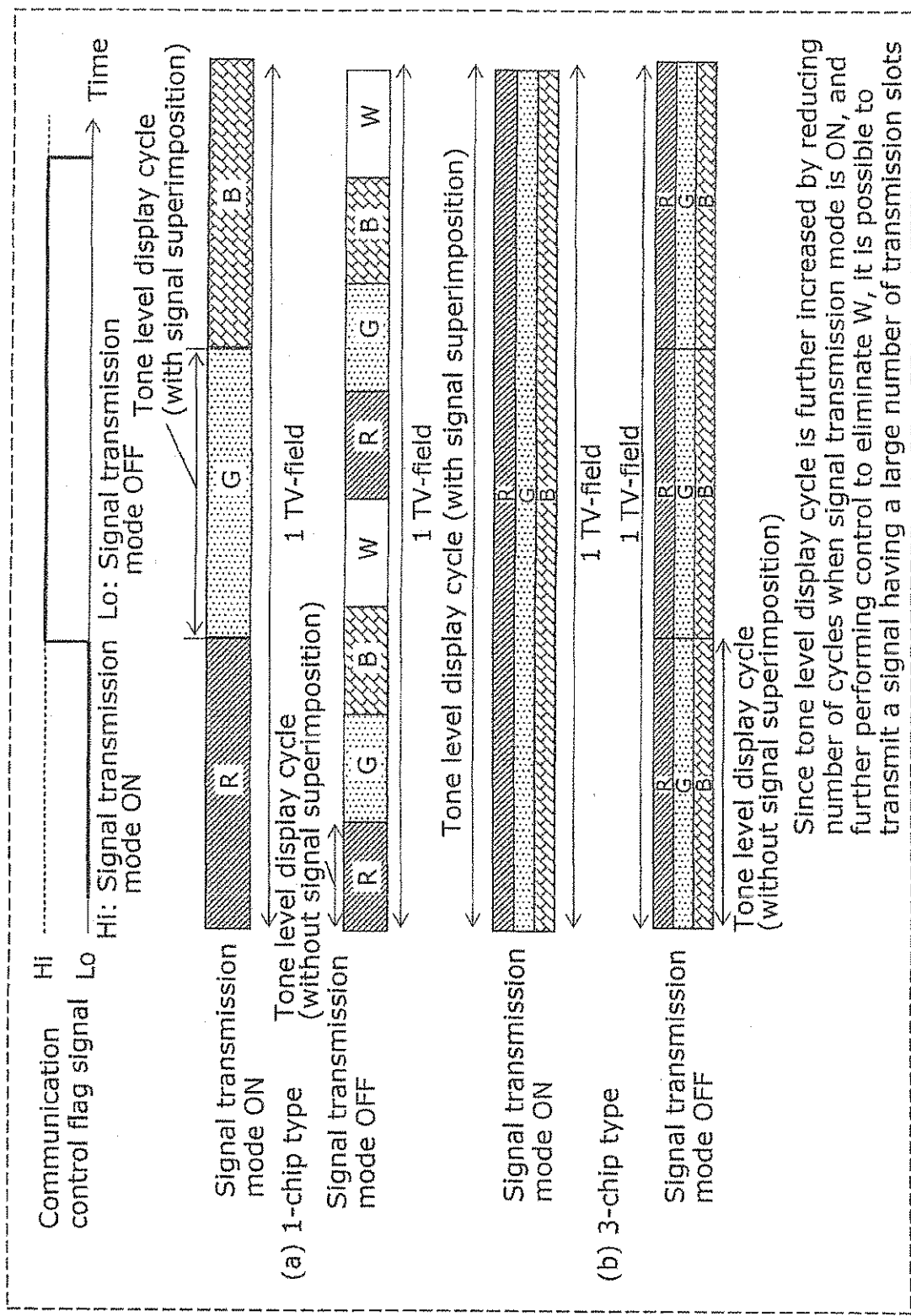


FIG. 22

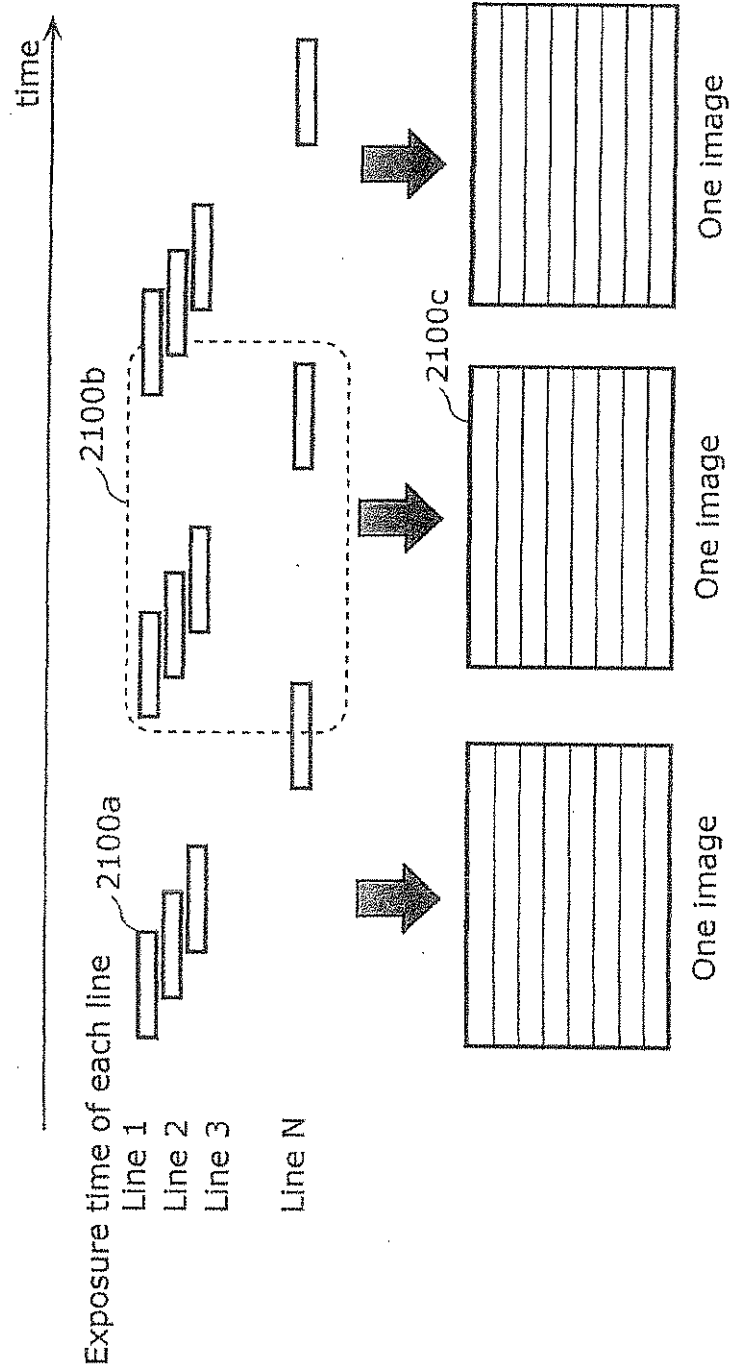


FIG. 23

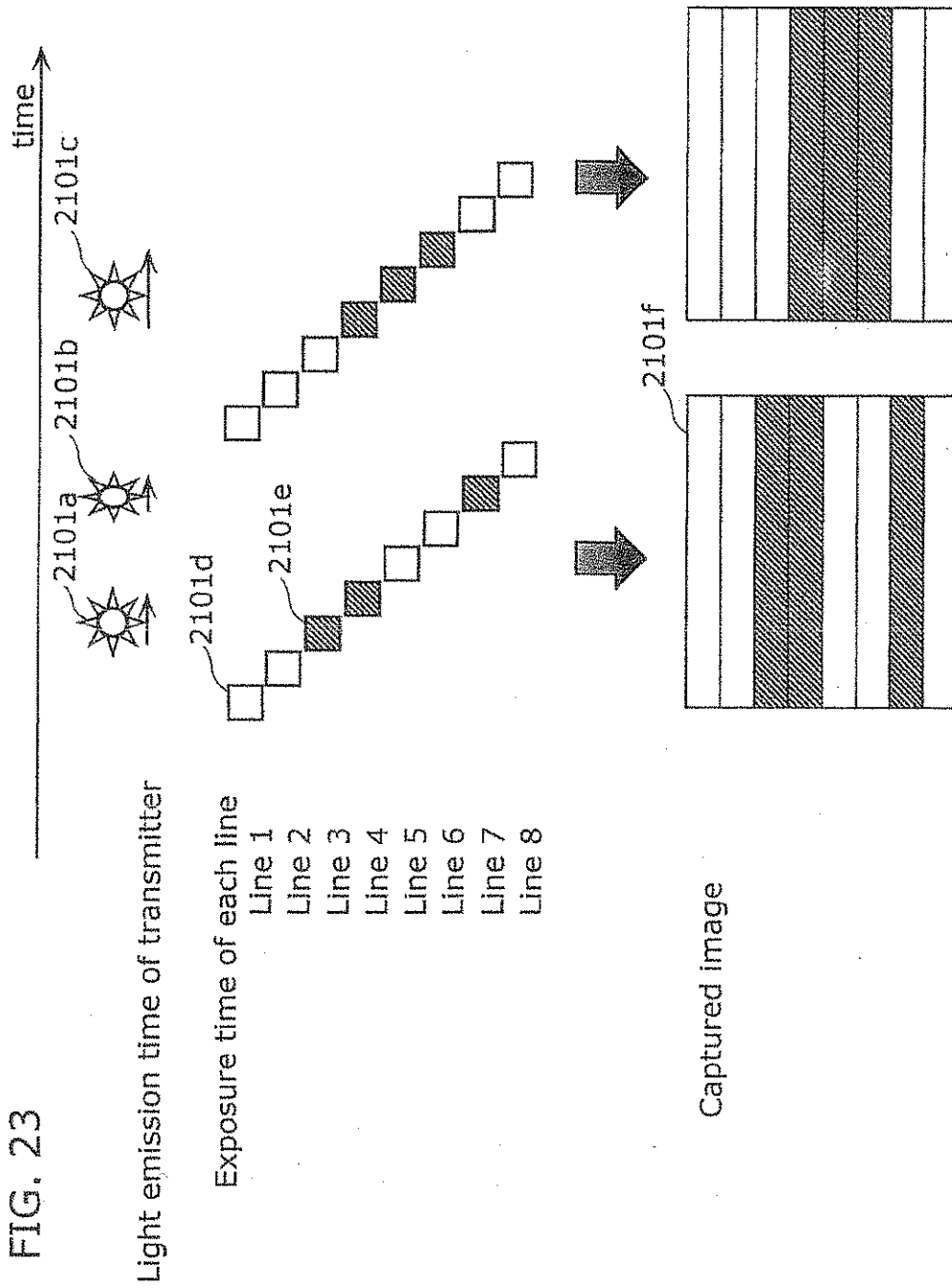


FIG. 24

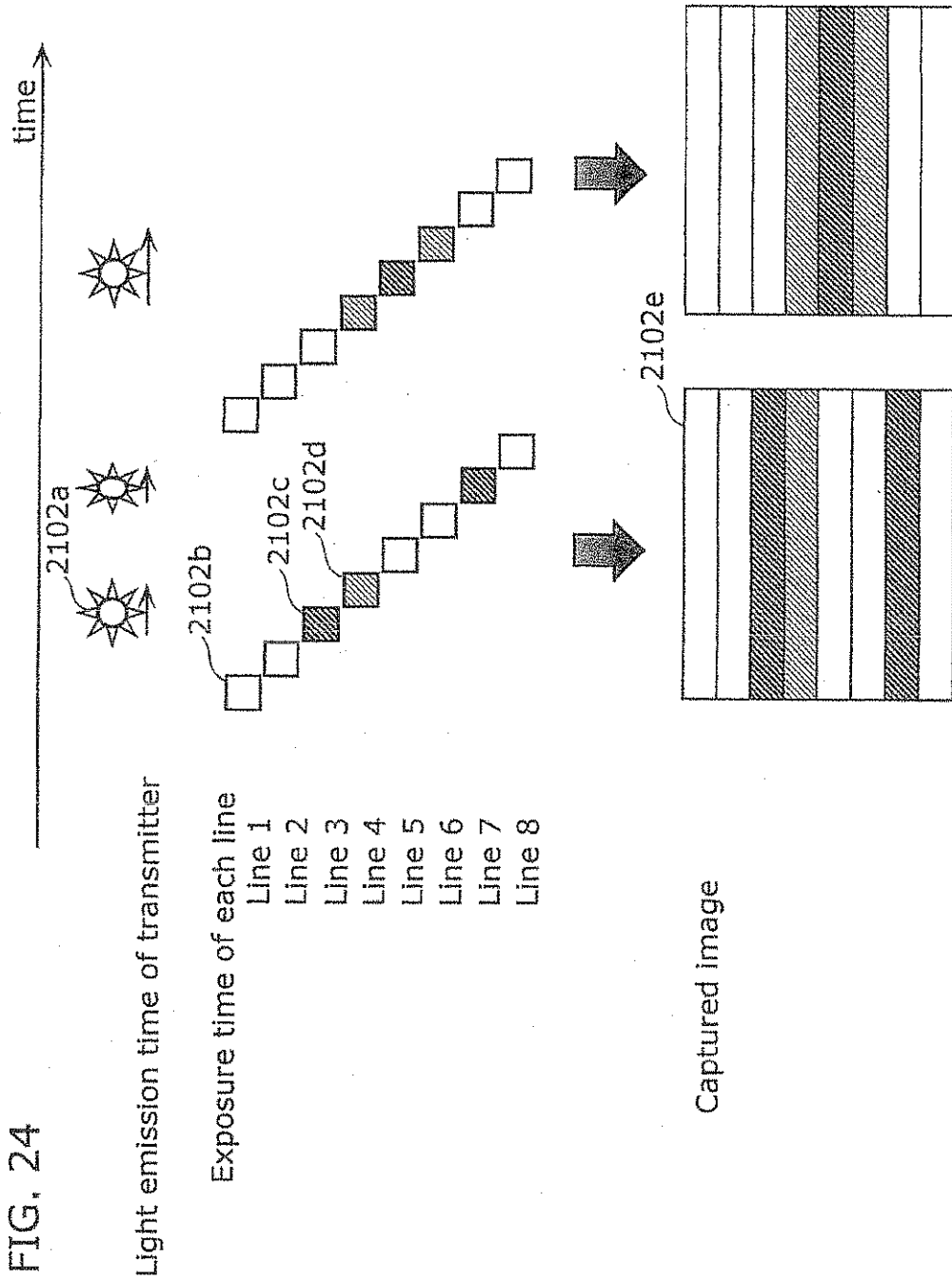


FIG. 25A

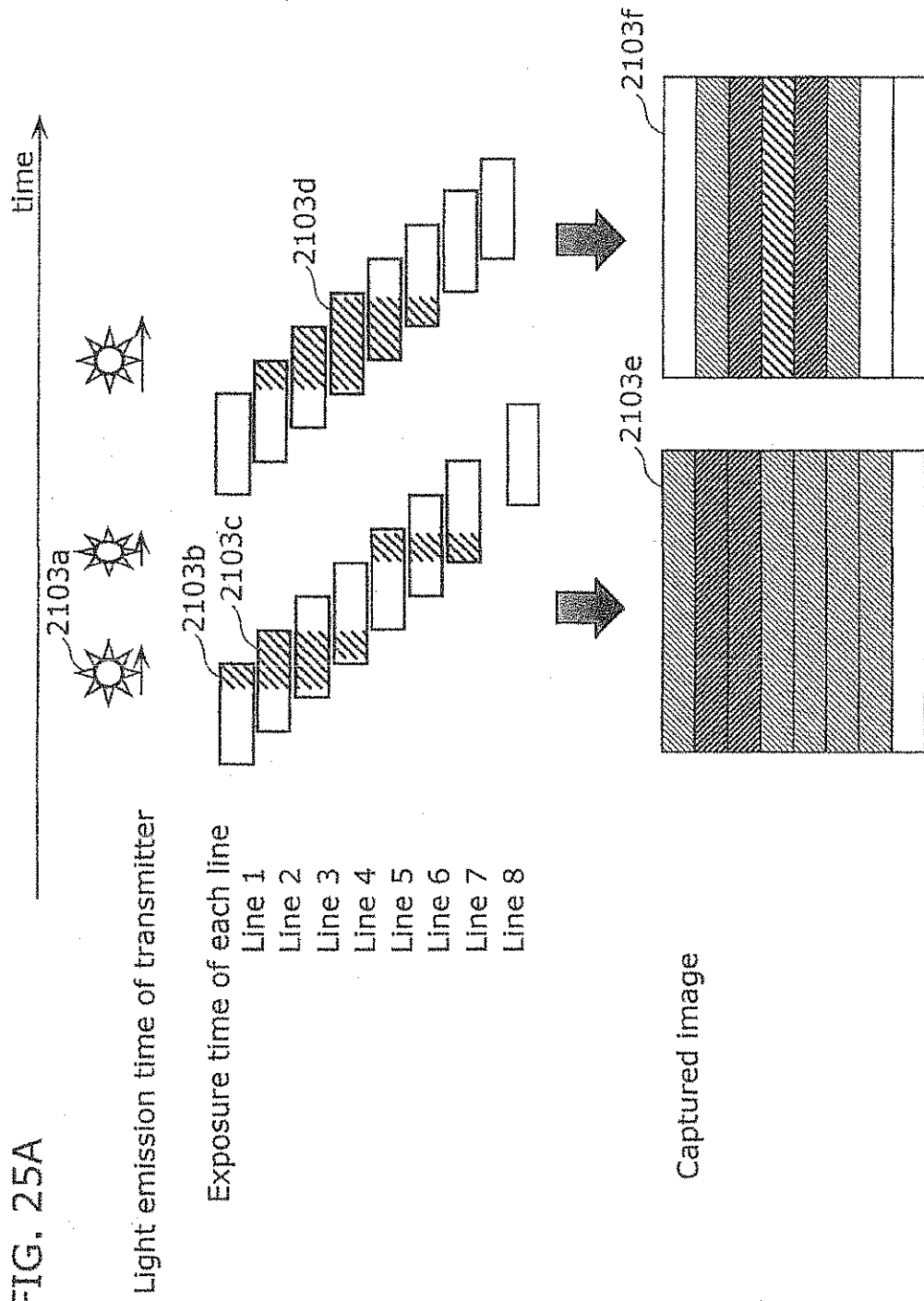


FIG. 25B

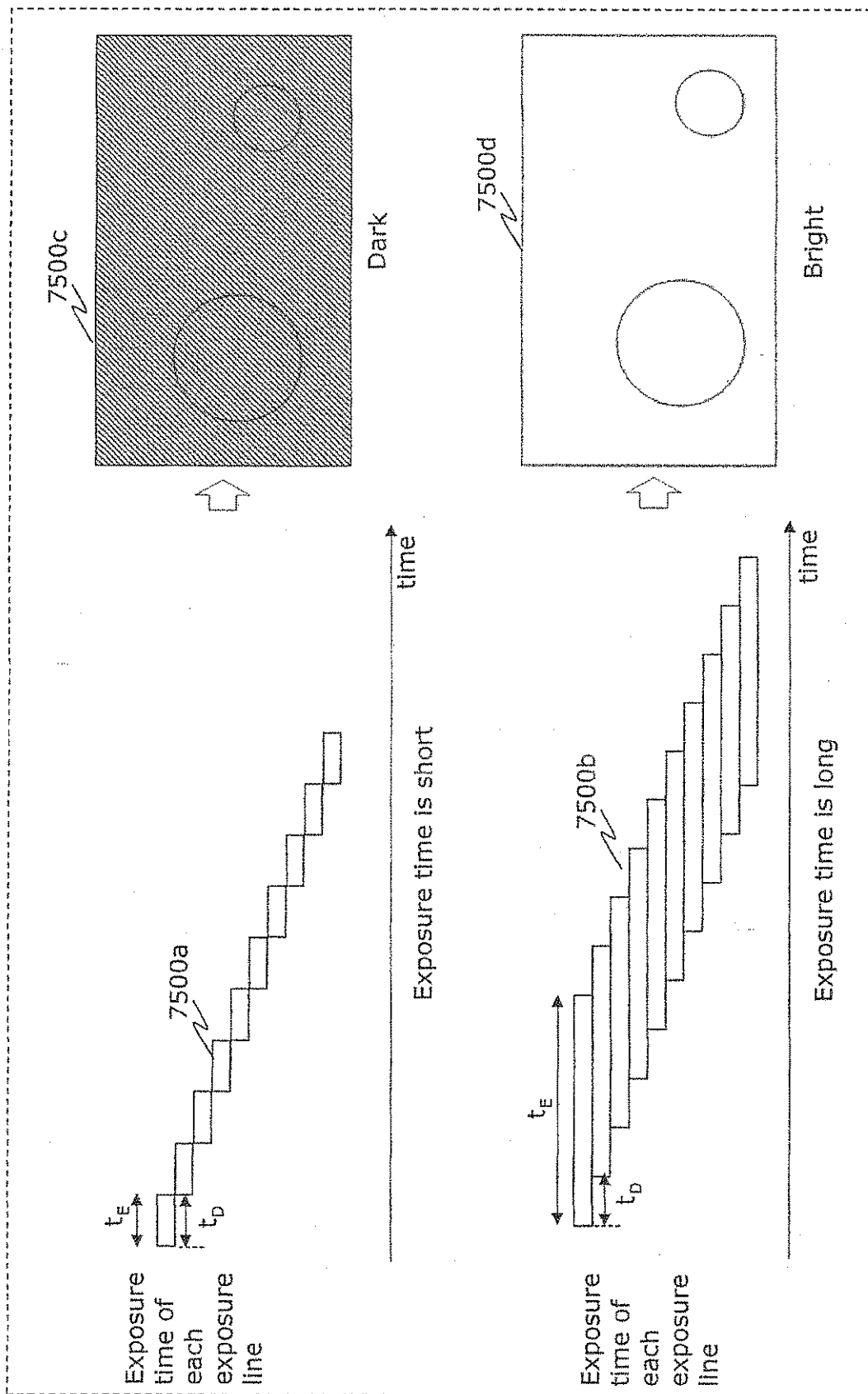


FIG. 25C

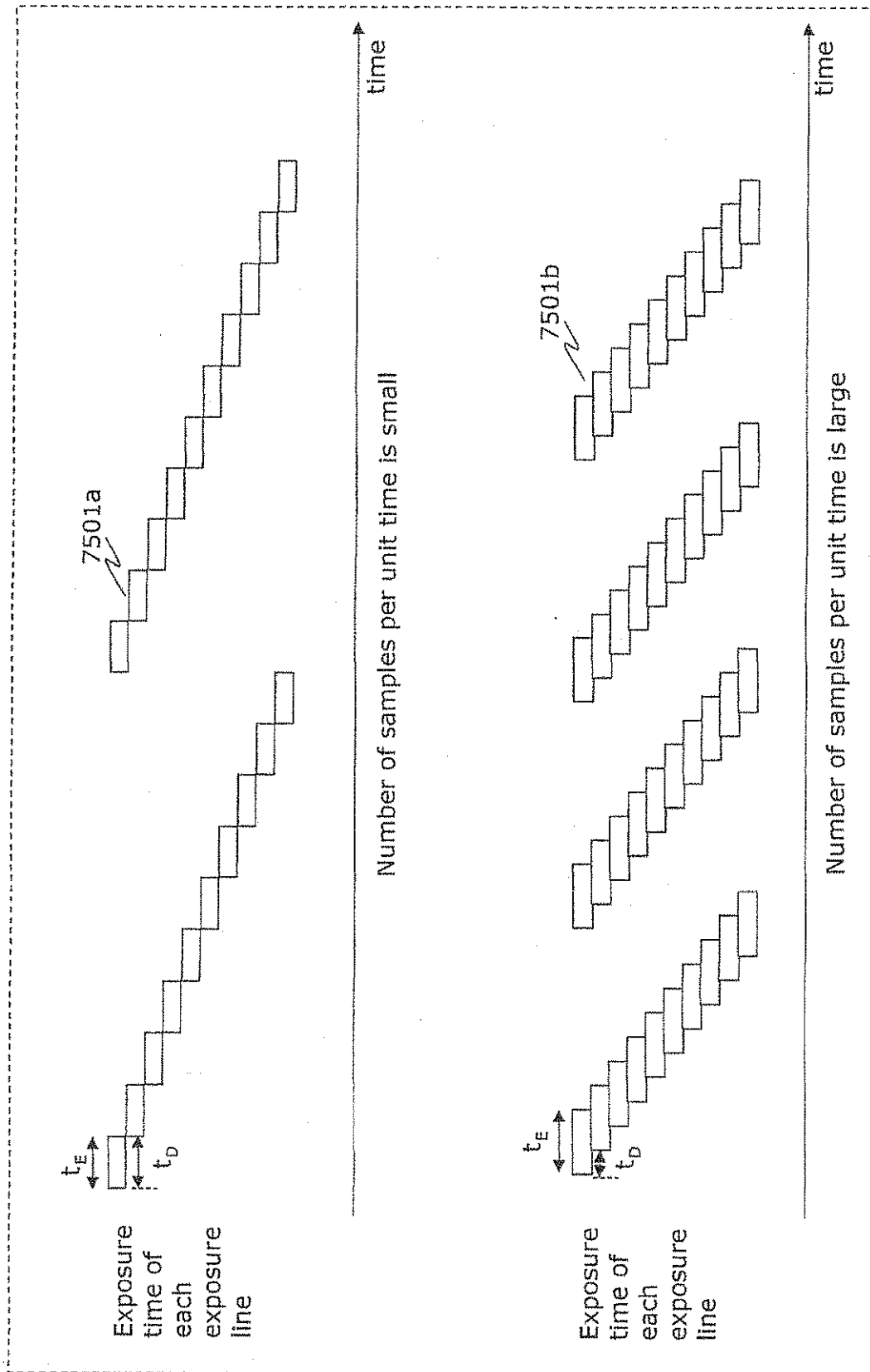


FIG. 25D

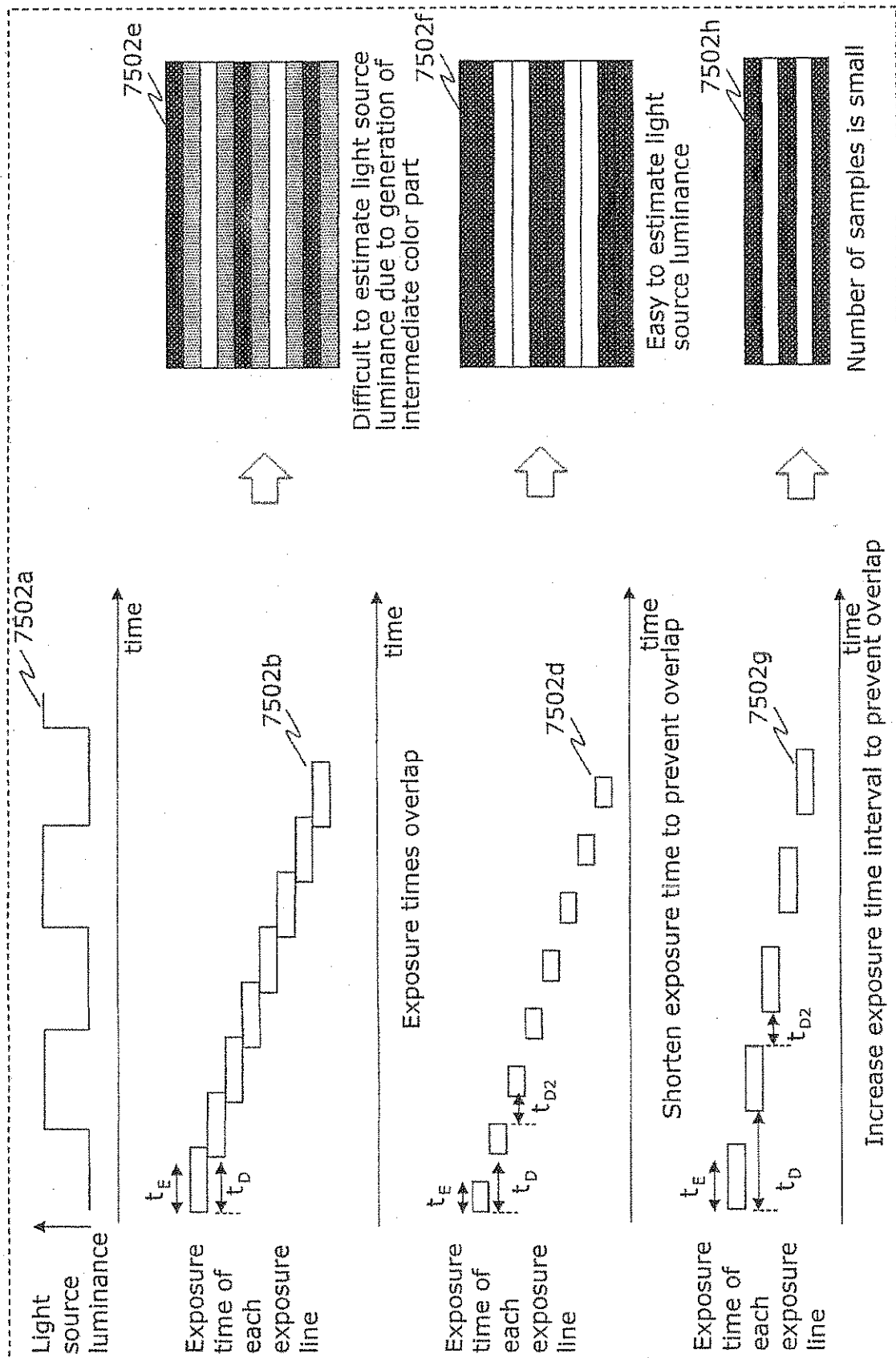


FIG. 25E

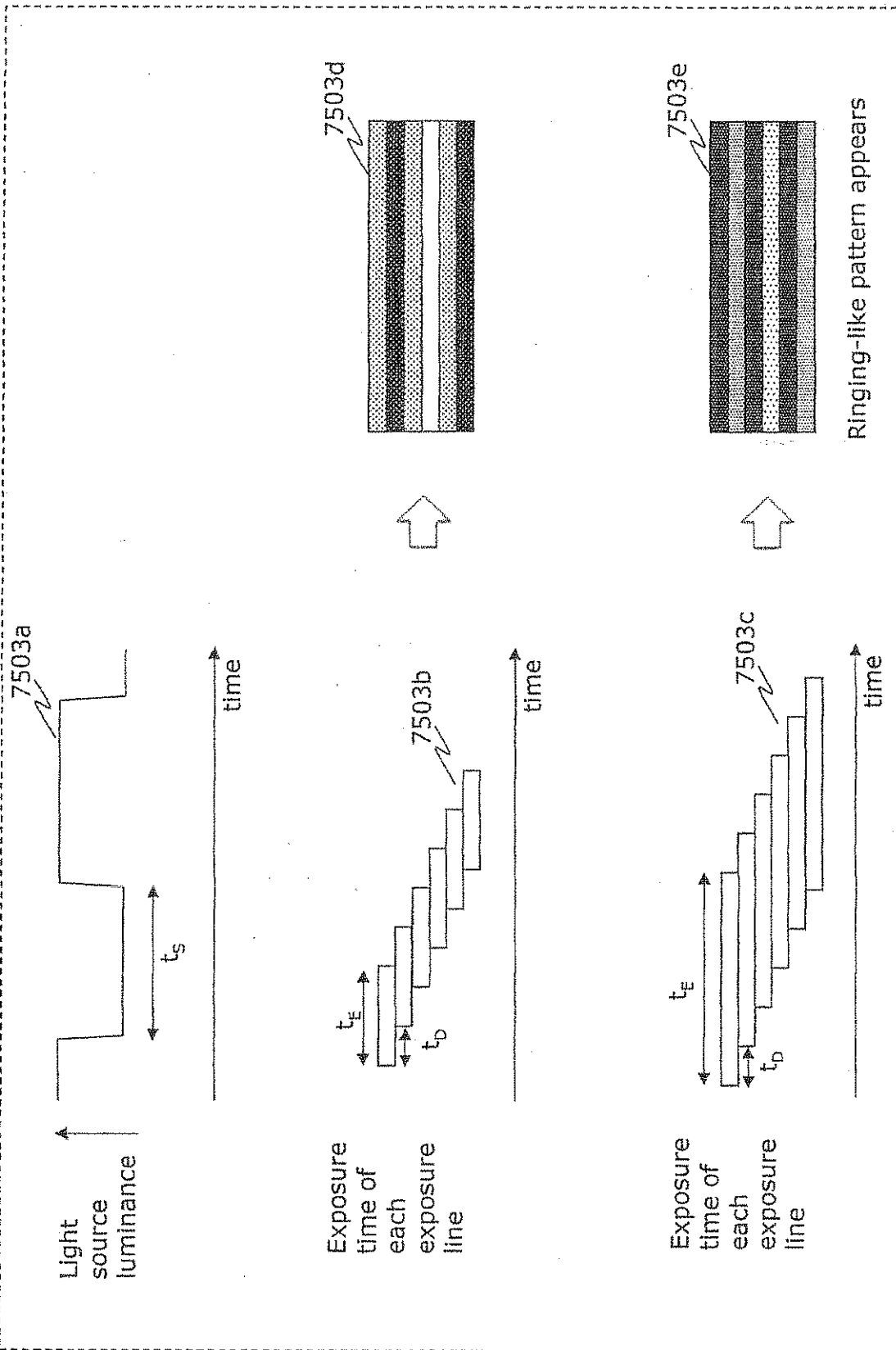


FIG. 25F

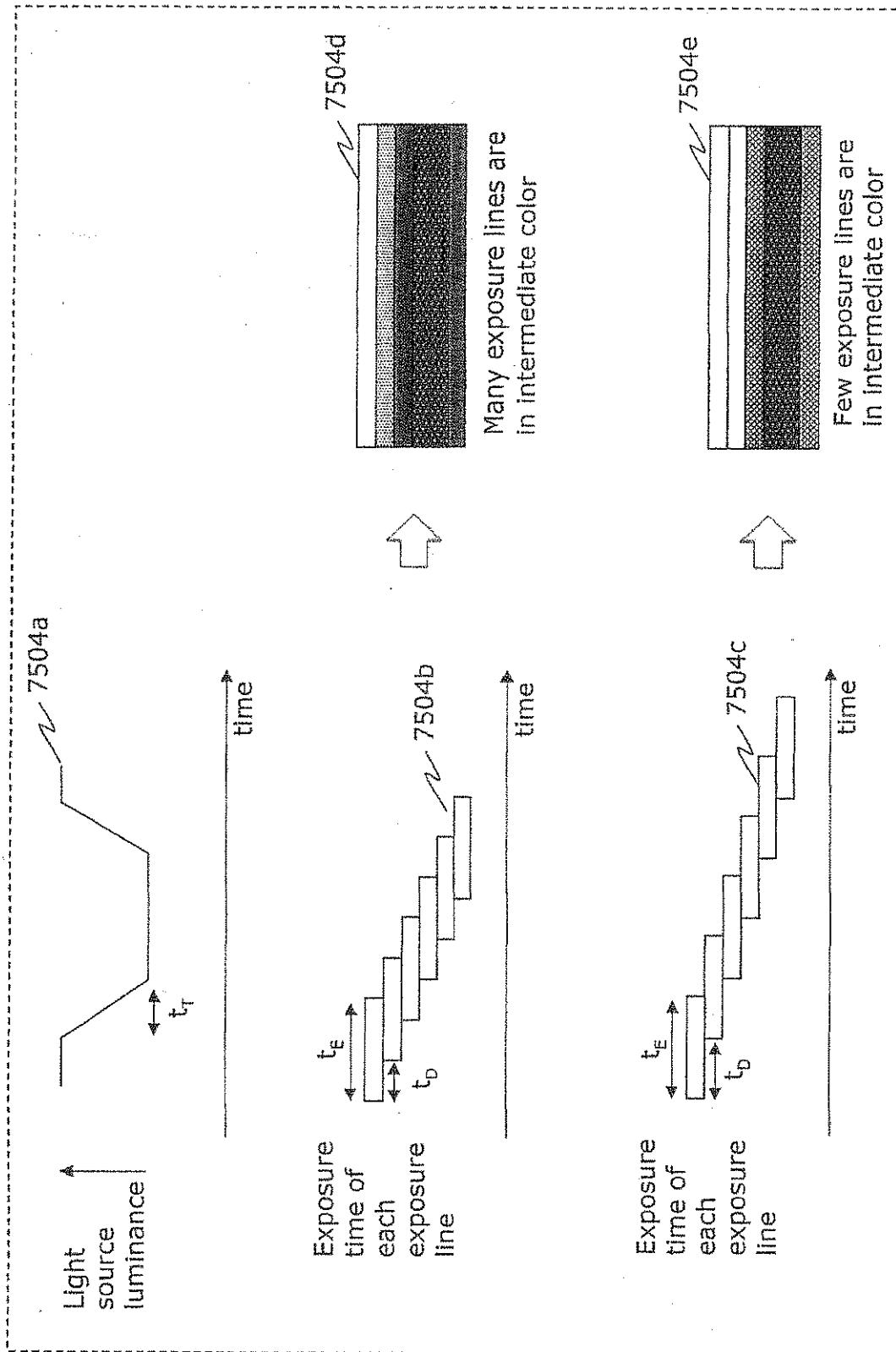


FIG. 25G

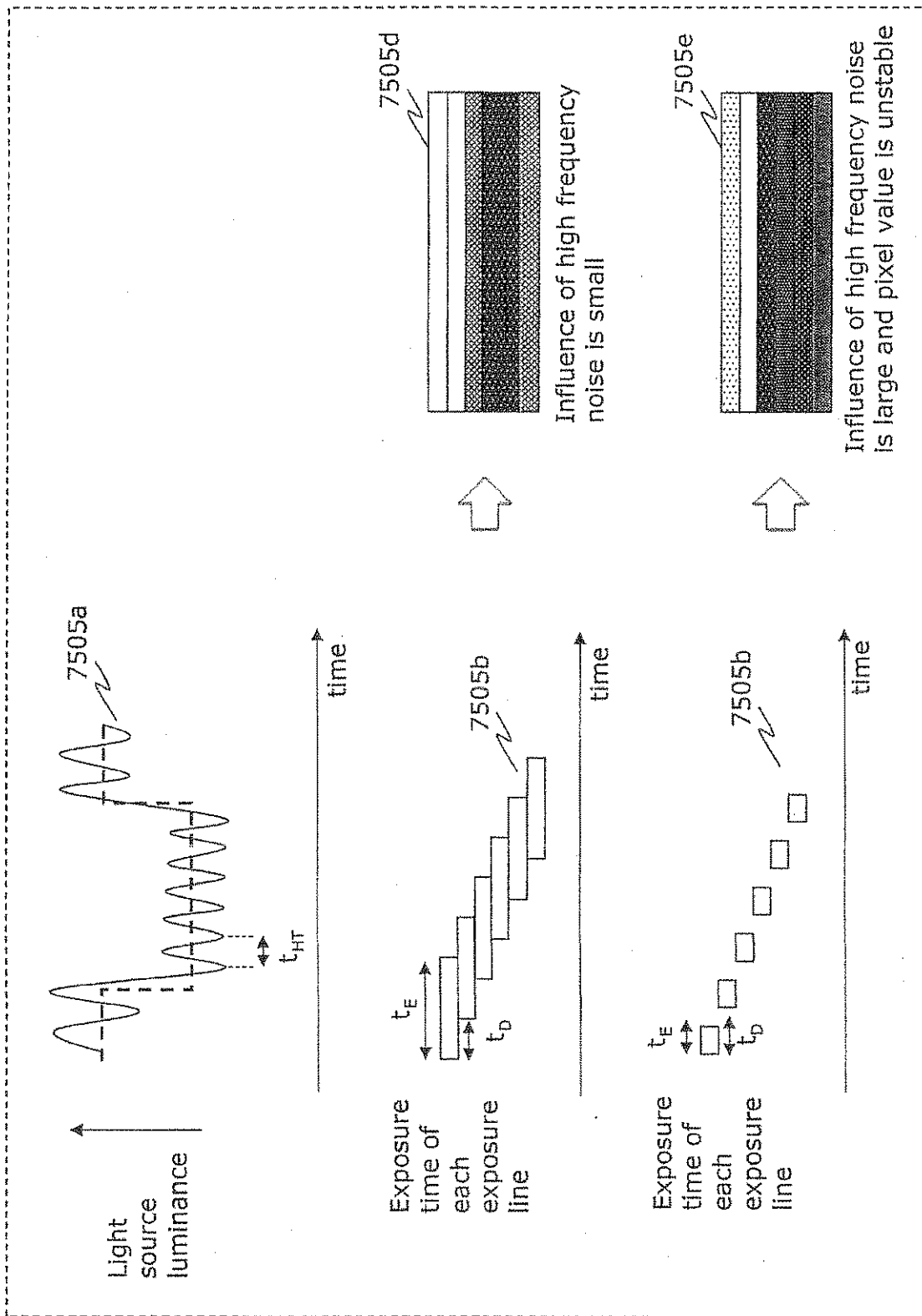


FIG. 25H

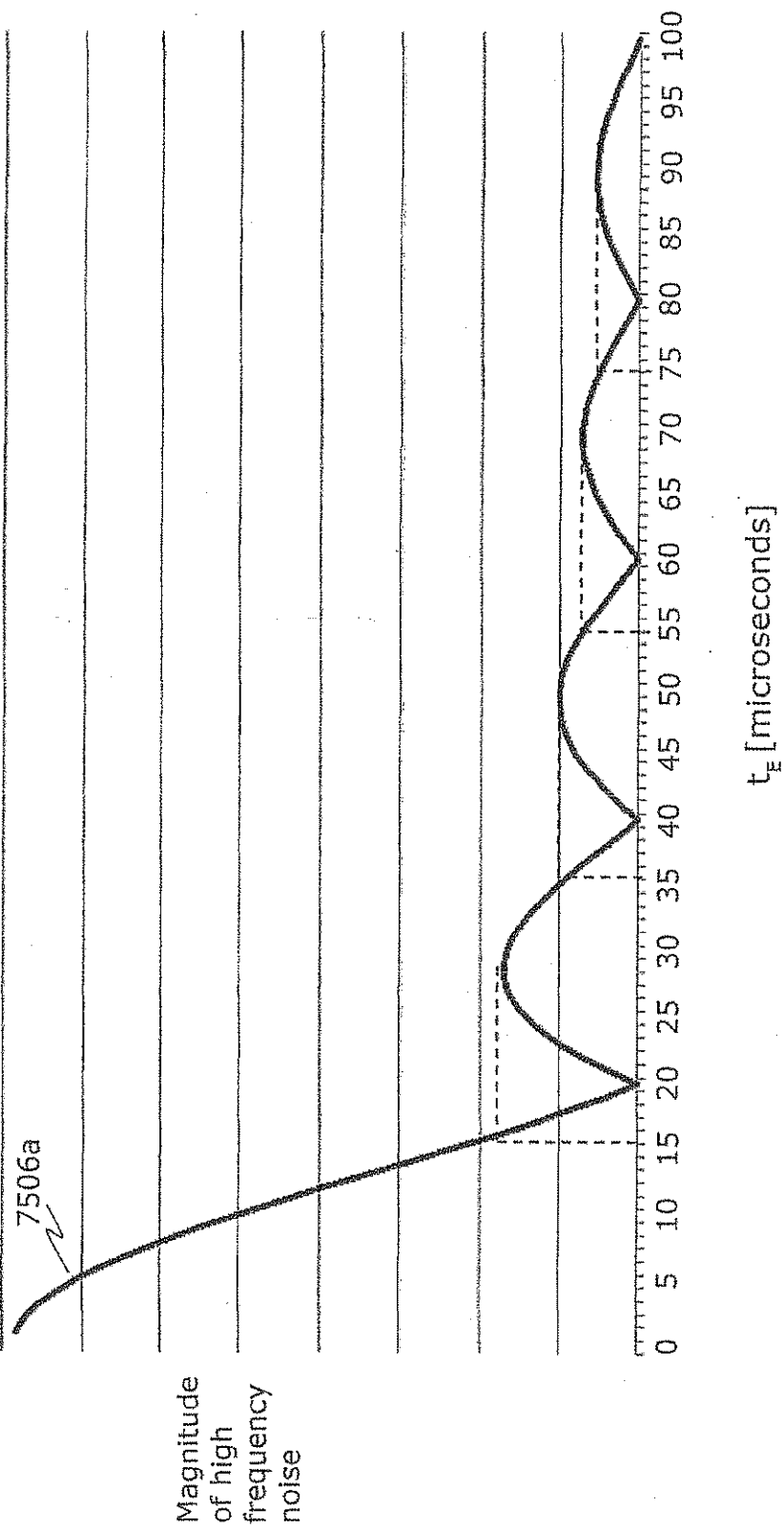
When $t_{HT} = 20$ microseconds

FIG. 25I

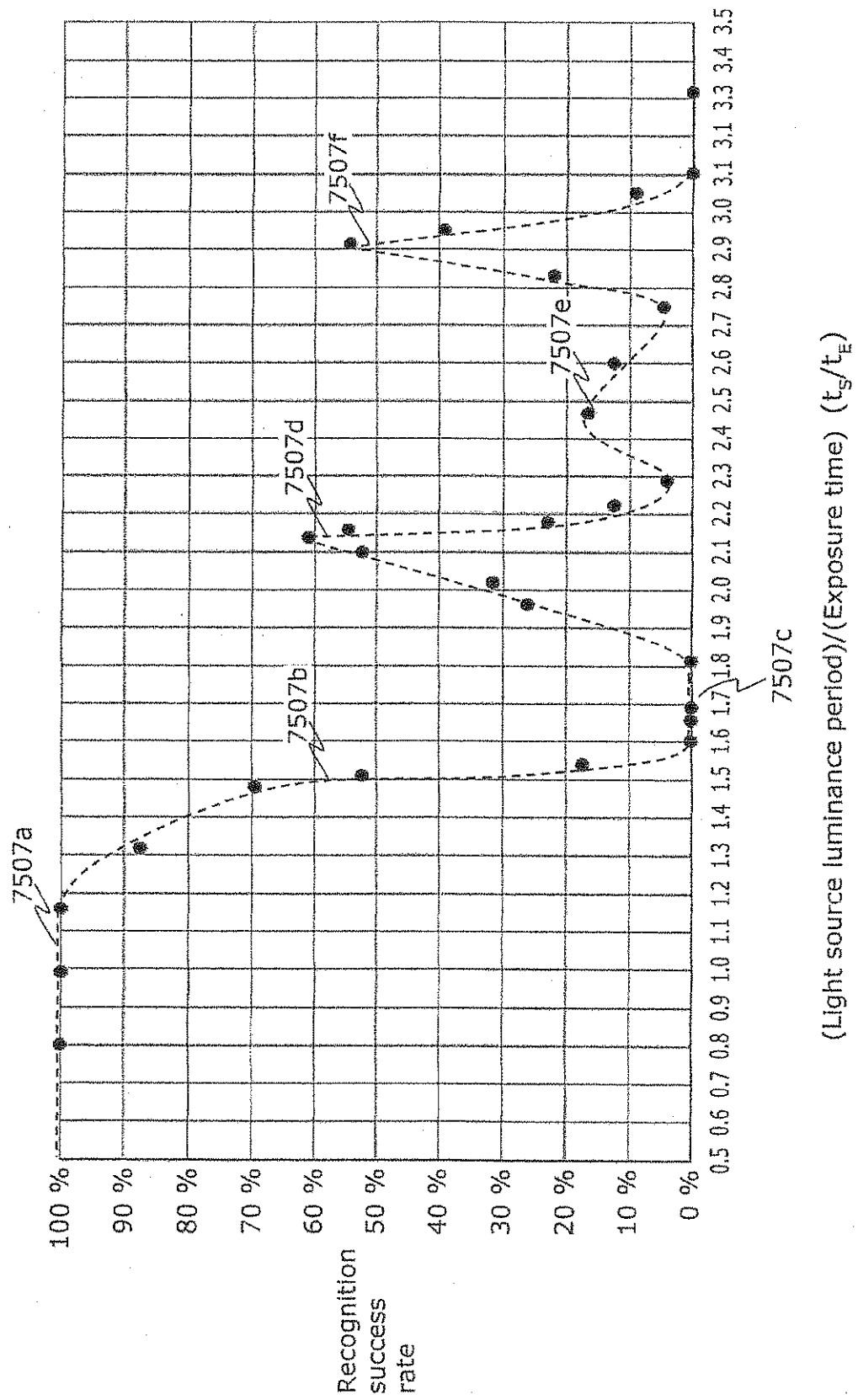


FIG. 26

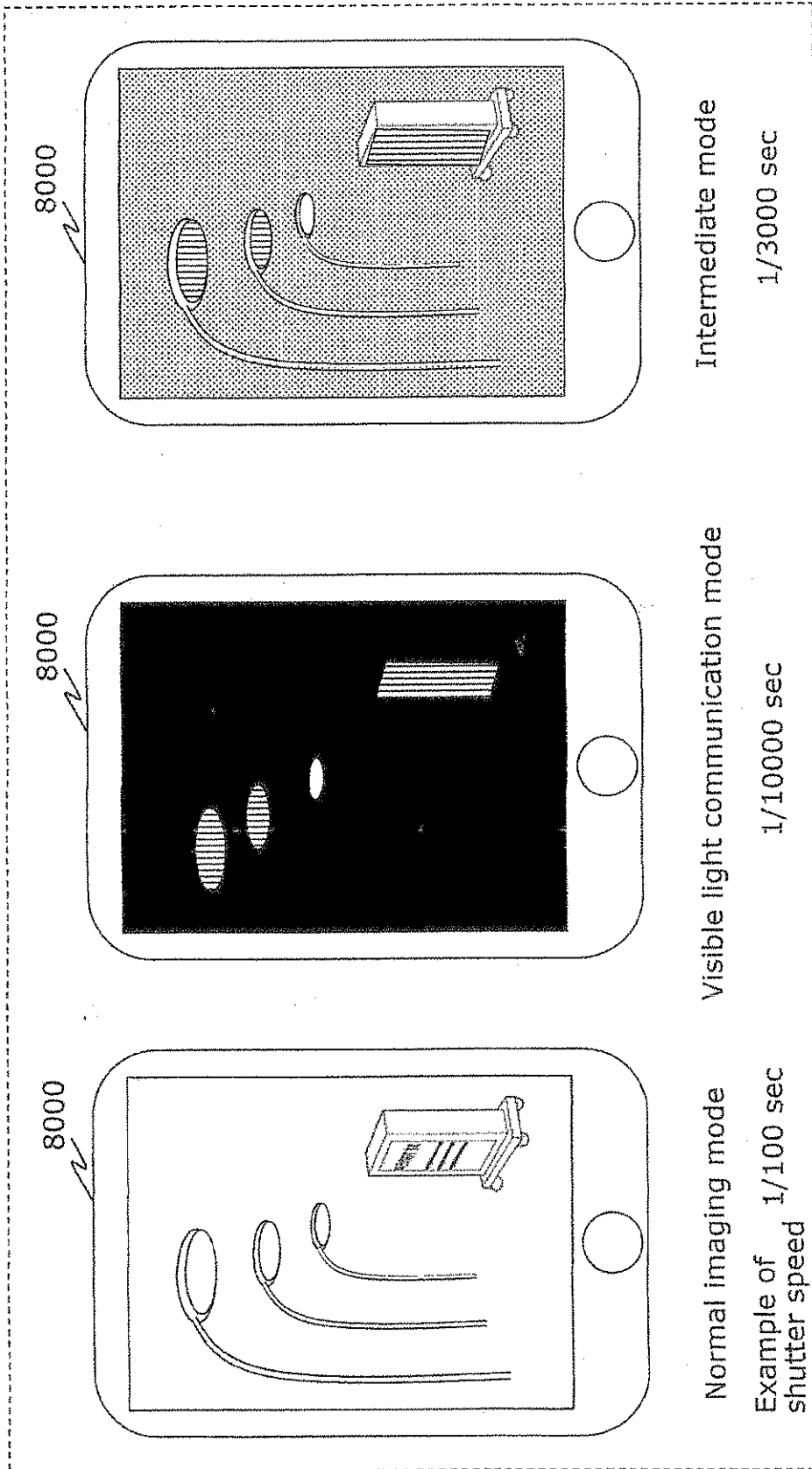


FIG. 27

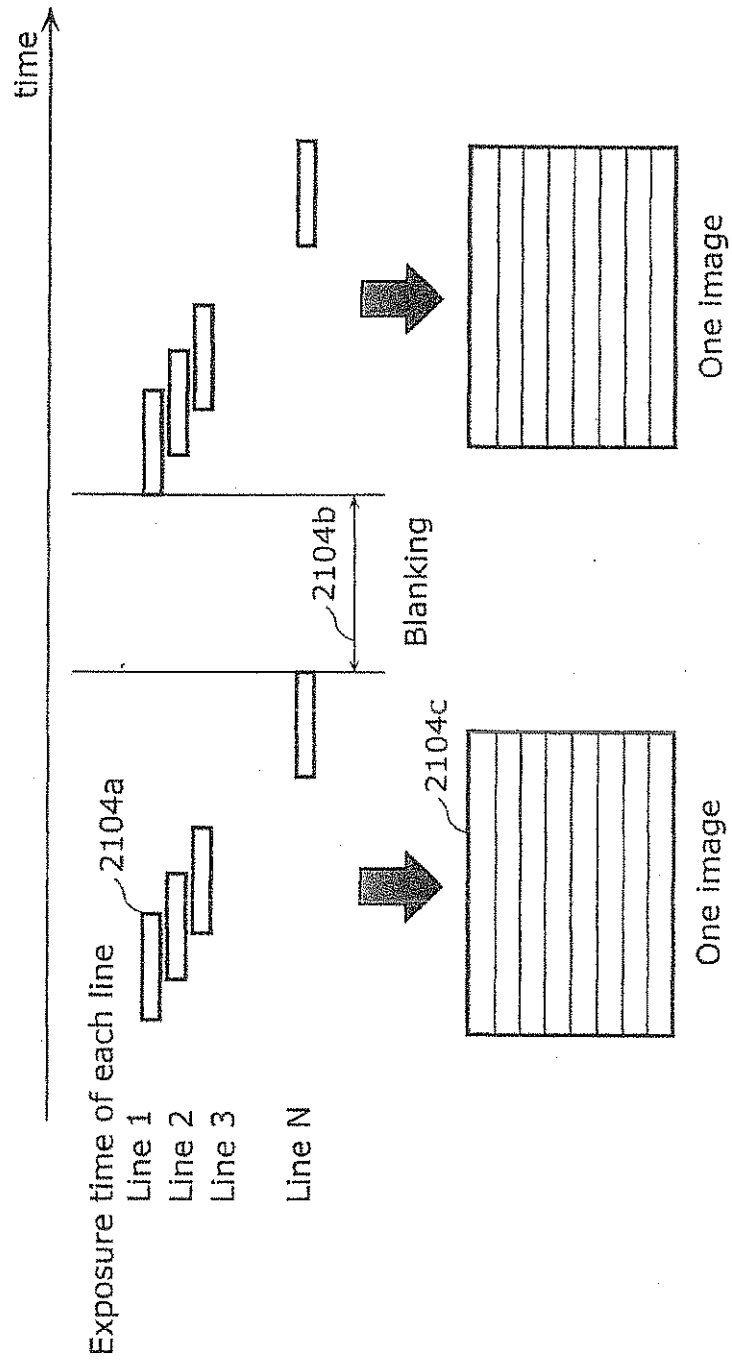


FIG. 28

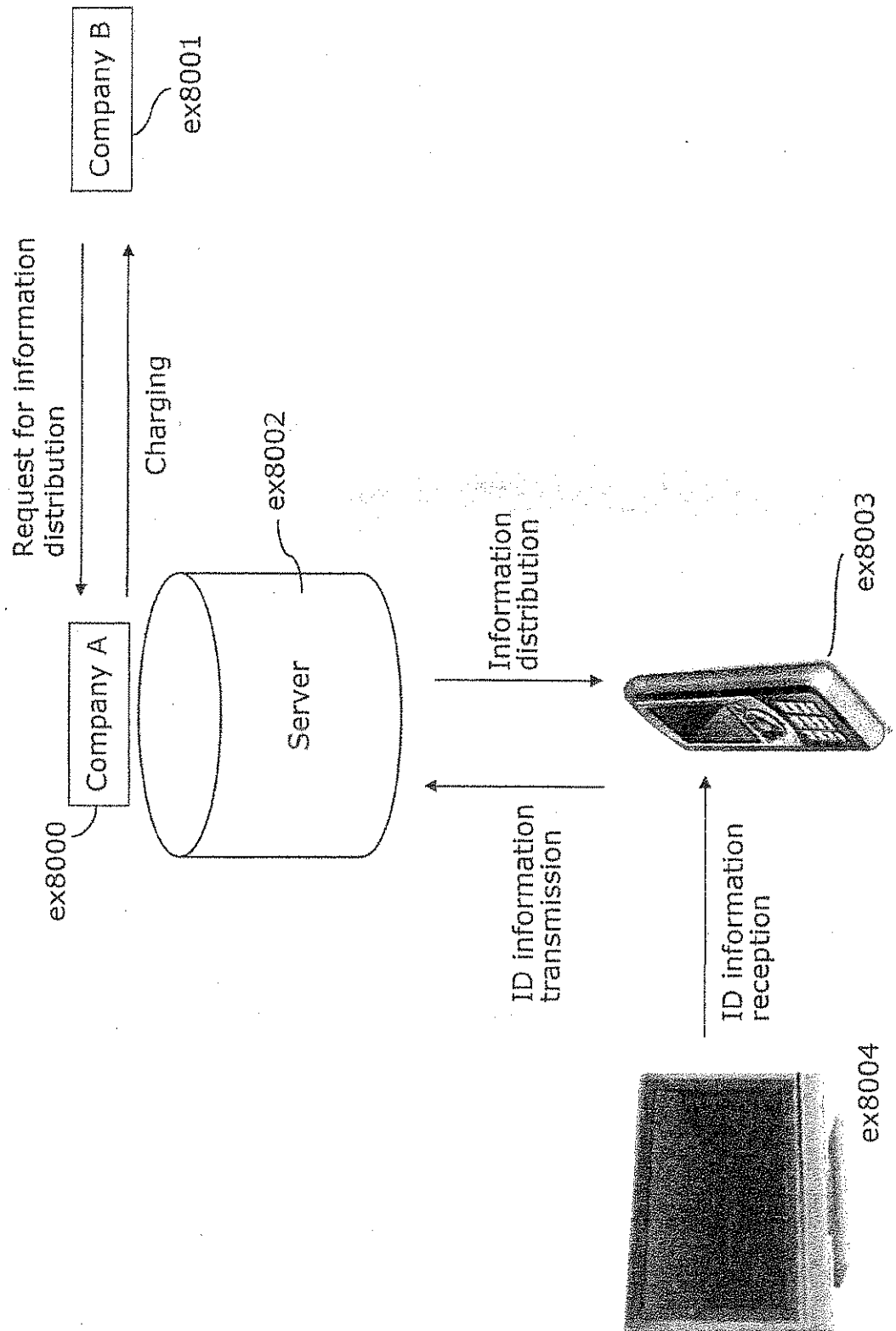


FIG. 29

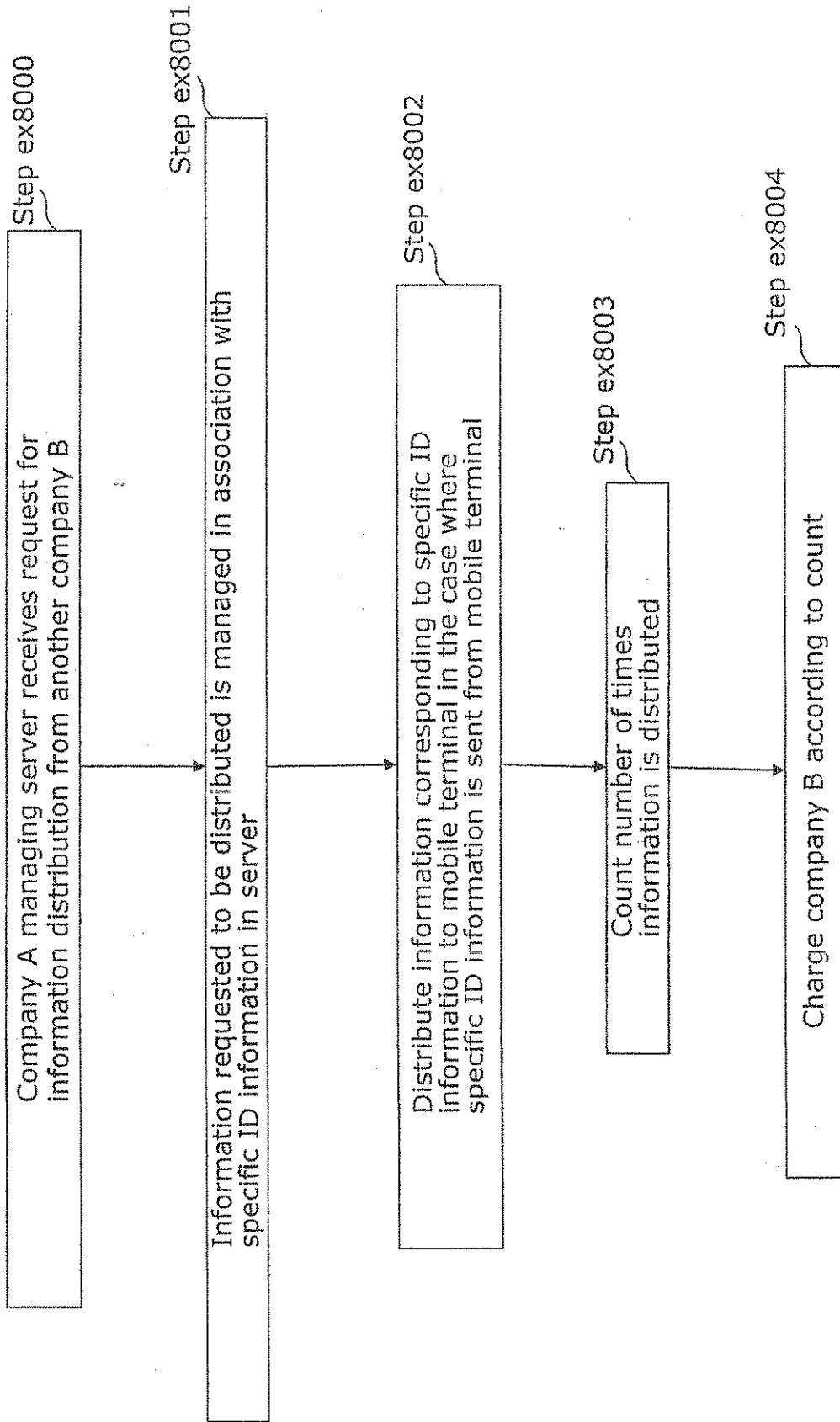


FIG. 30

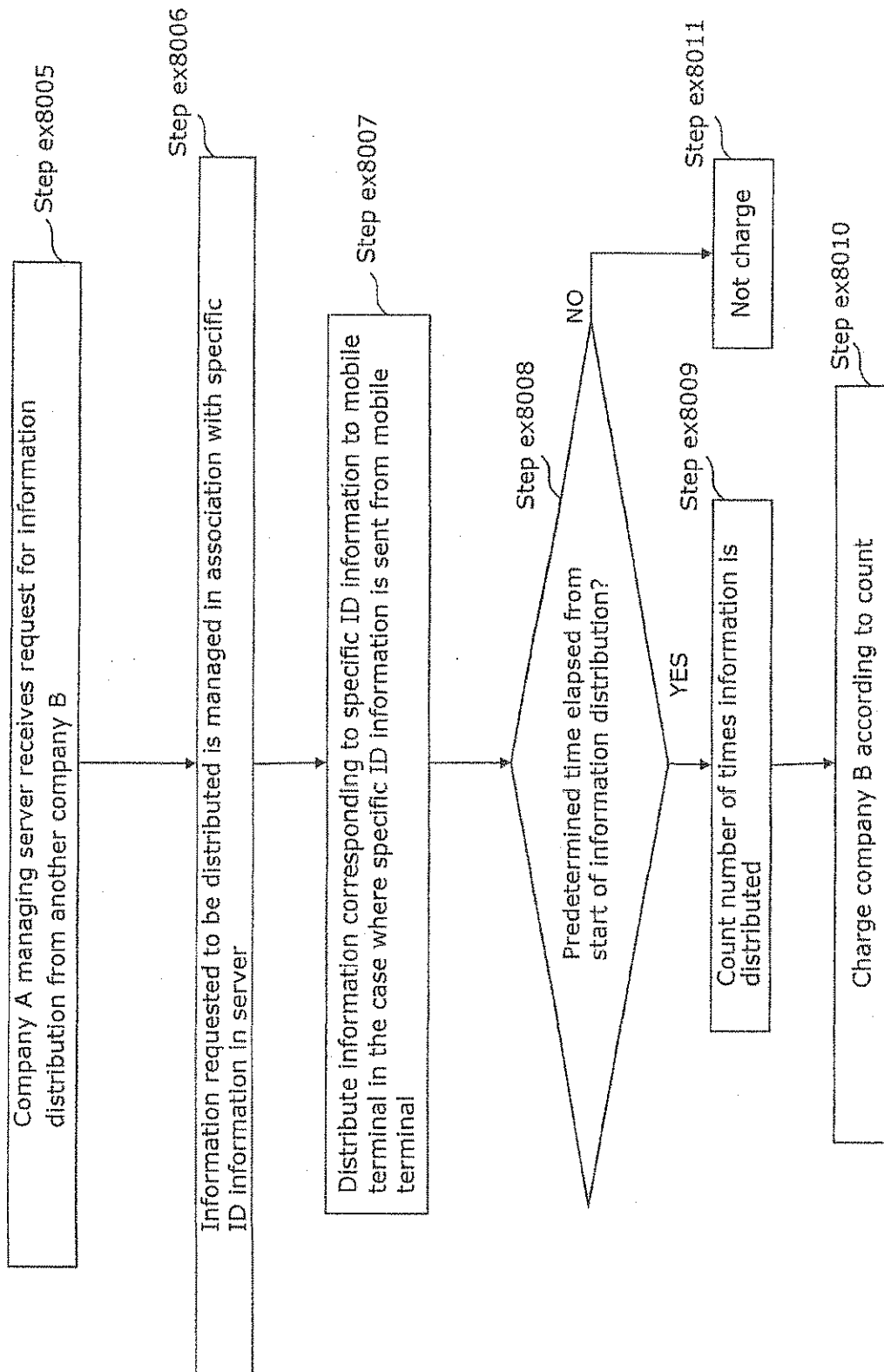


FIG. 31

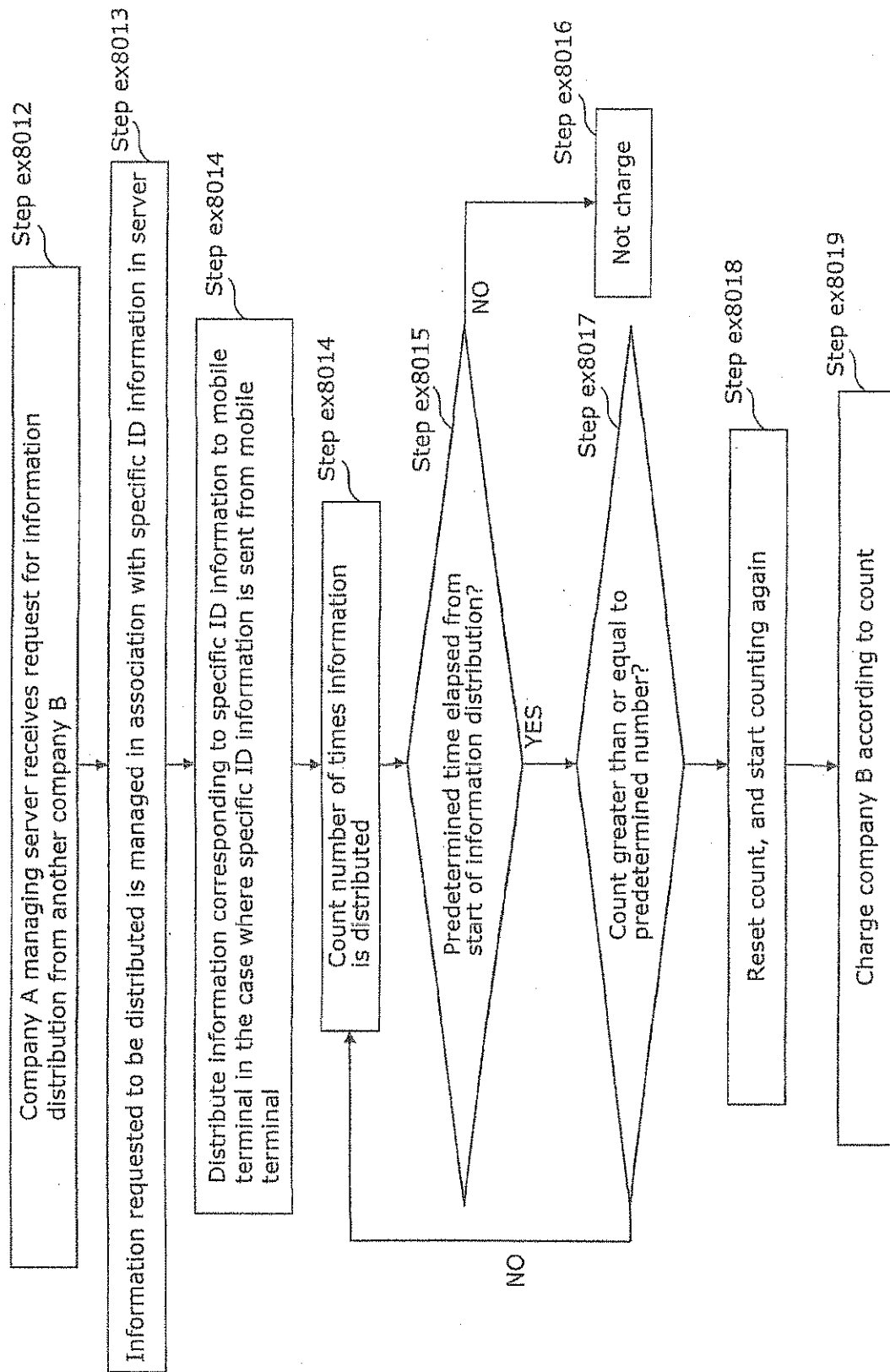


FIG. 32A

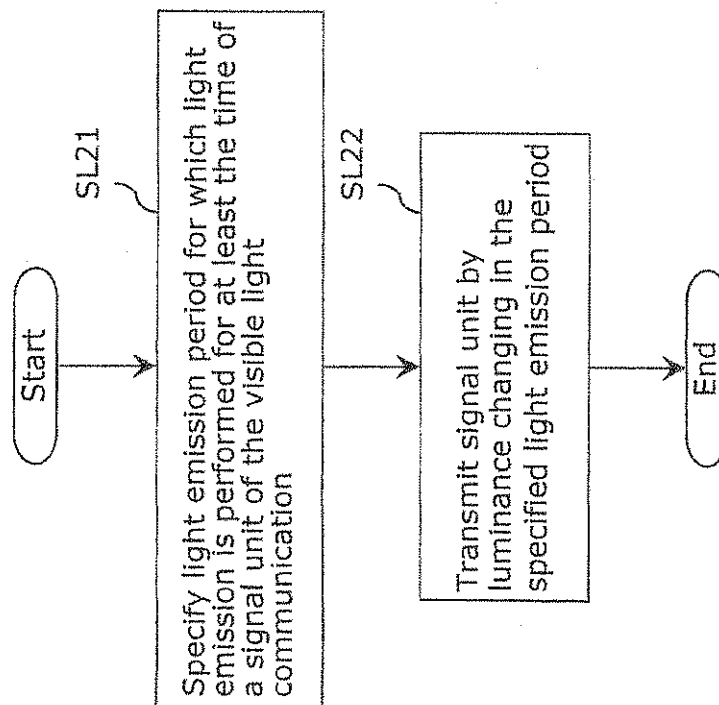


FIG. 32B

