

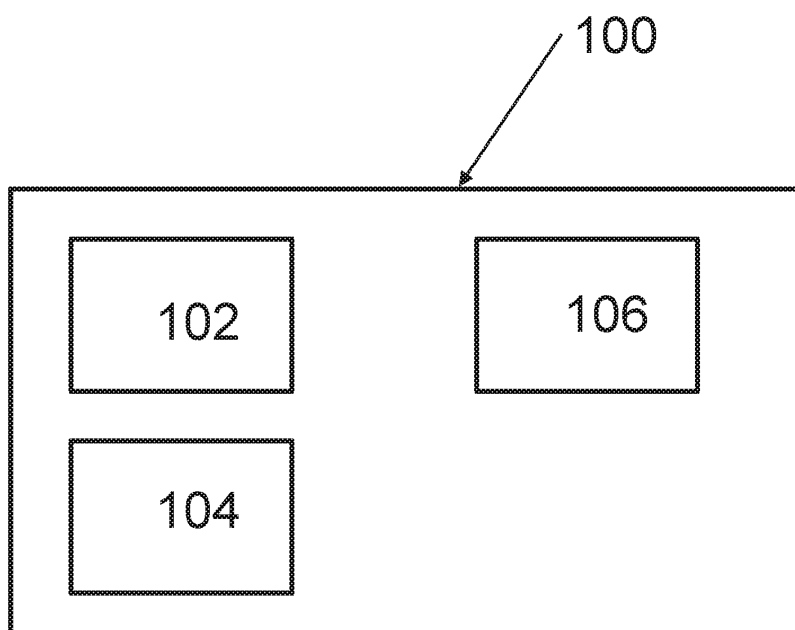


Fig. 1

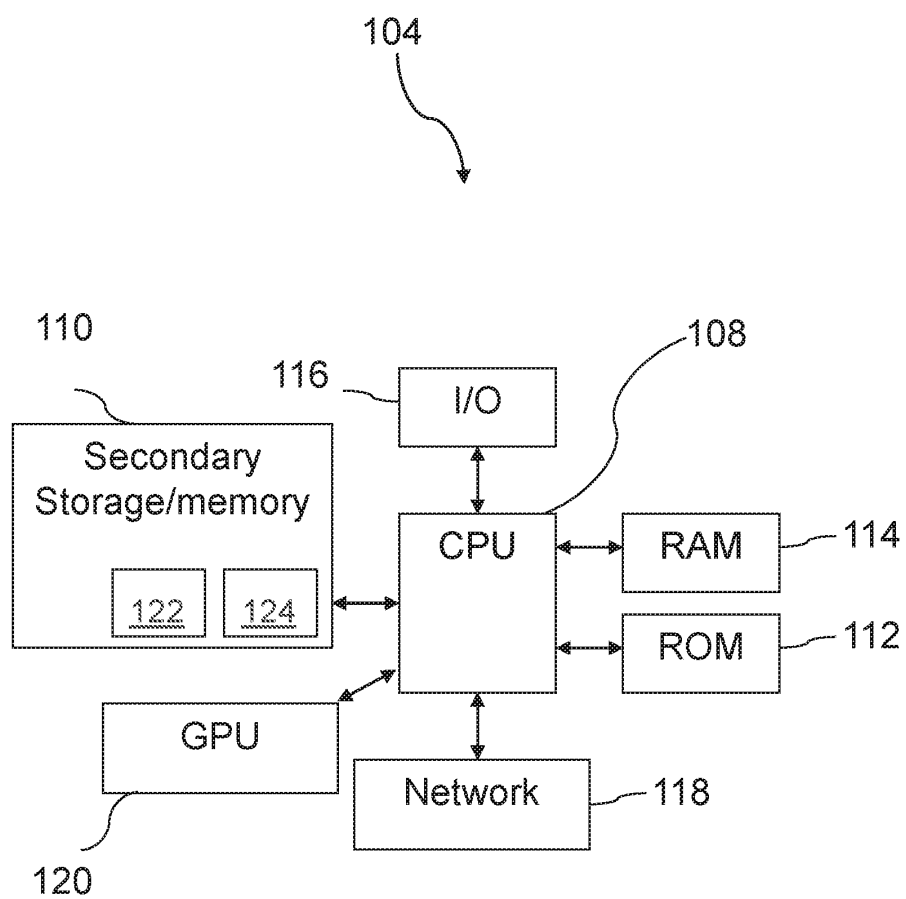


Fig. 2

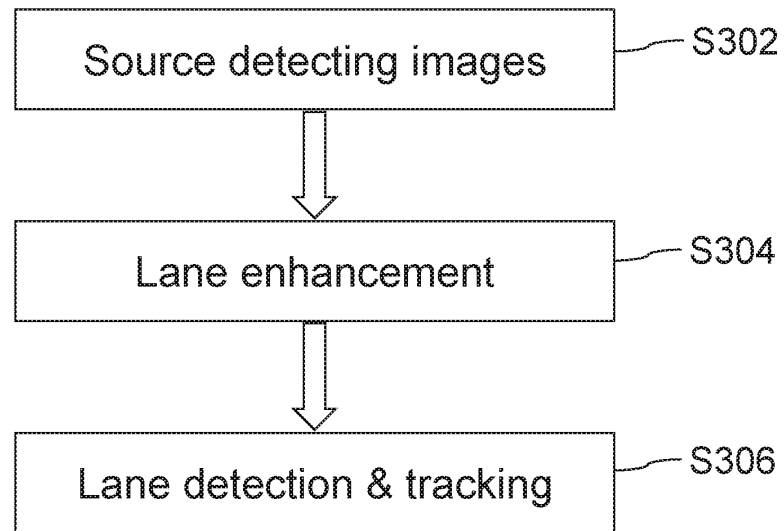


Fig. 3



Fig. 4(a)

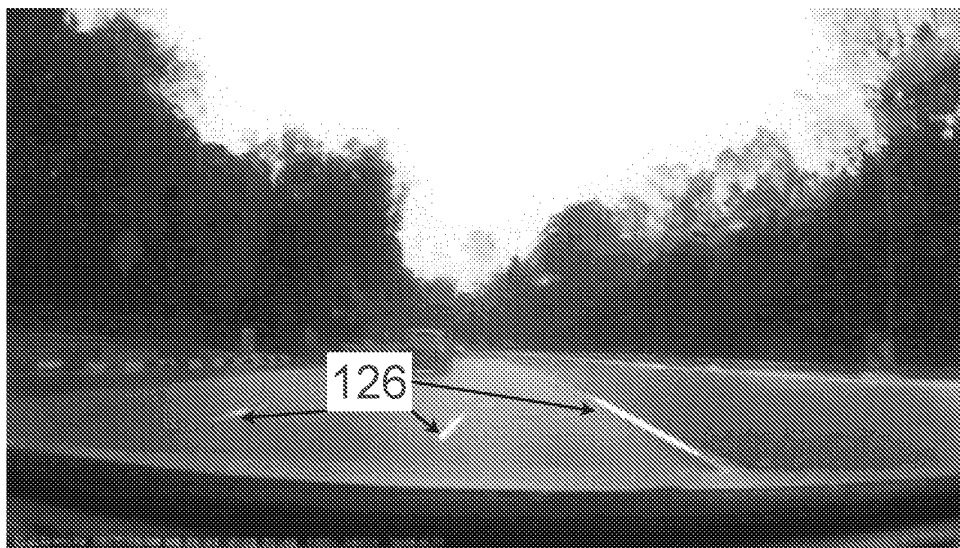


Fig. 4(b)



Fig. 4(c)



Fig. 4(d)



Fig. 4(e)

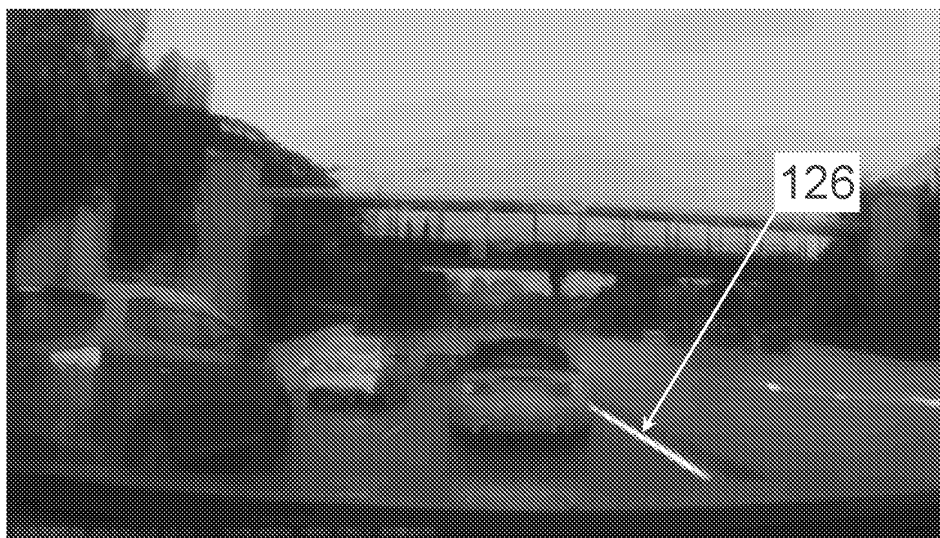


Fig. 4(f)



Fig. 4(g)

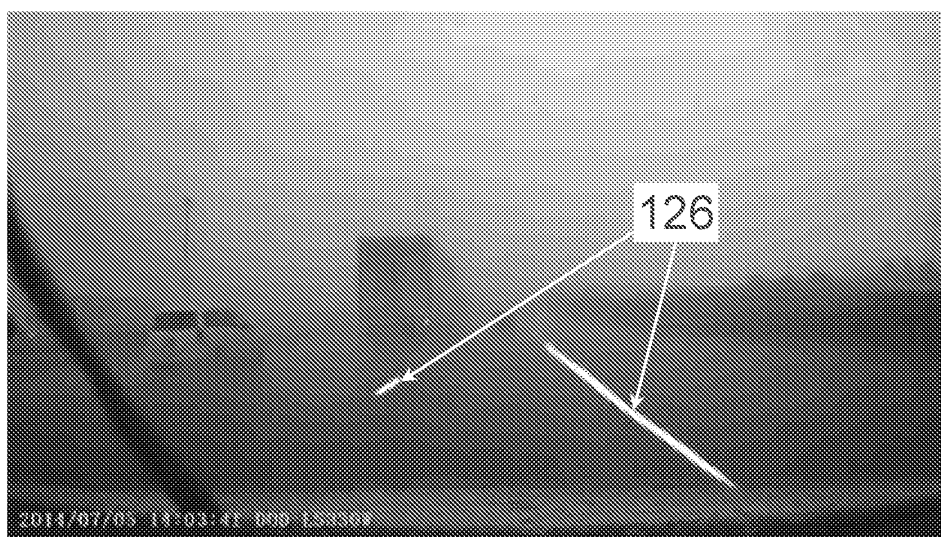


Fig. 4(h)

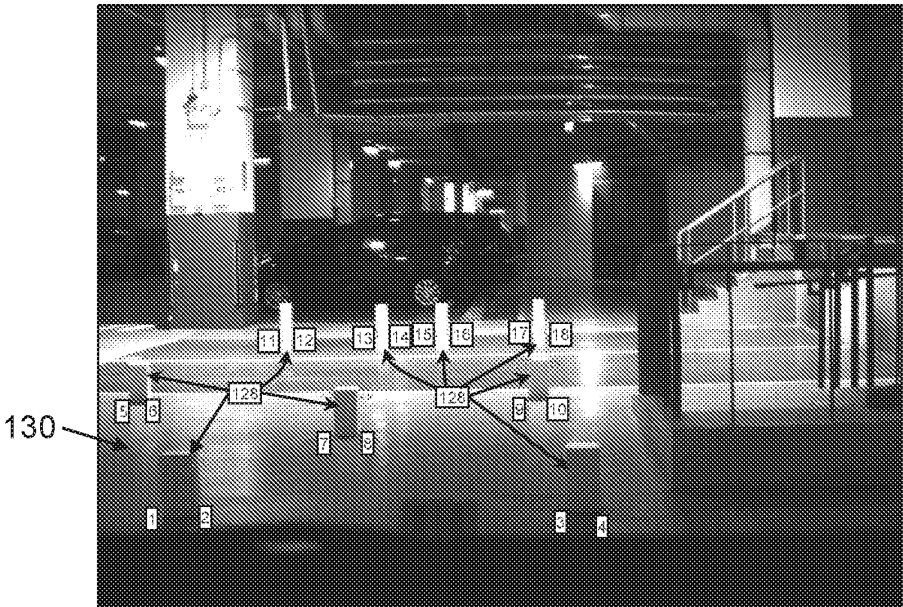


Fig. 5(a)

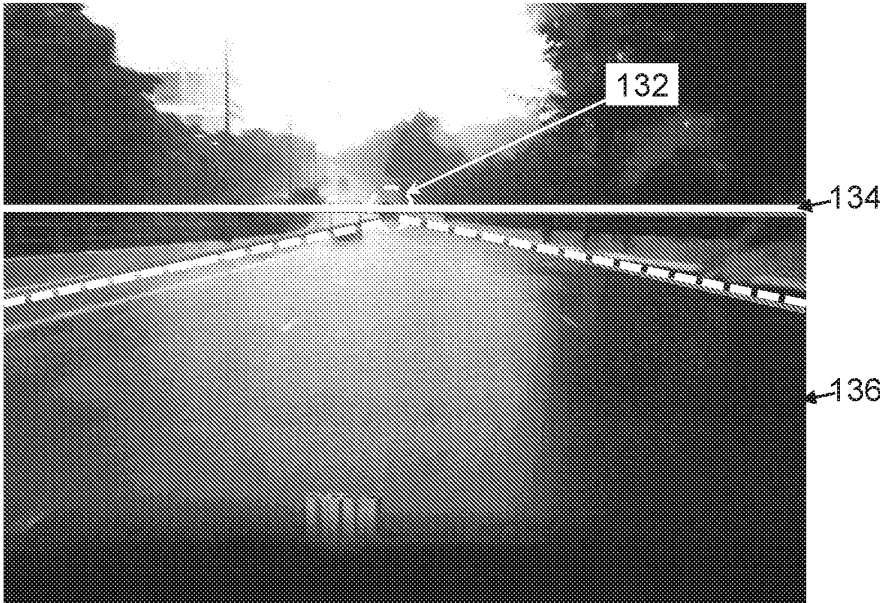


Fig. 5(b)



Fig. 6(a)

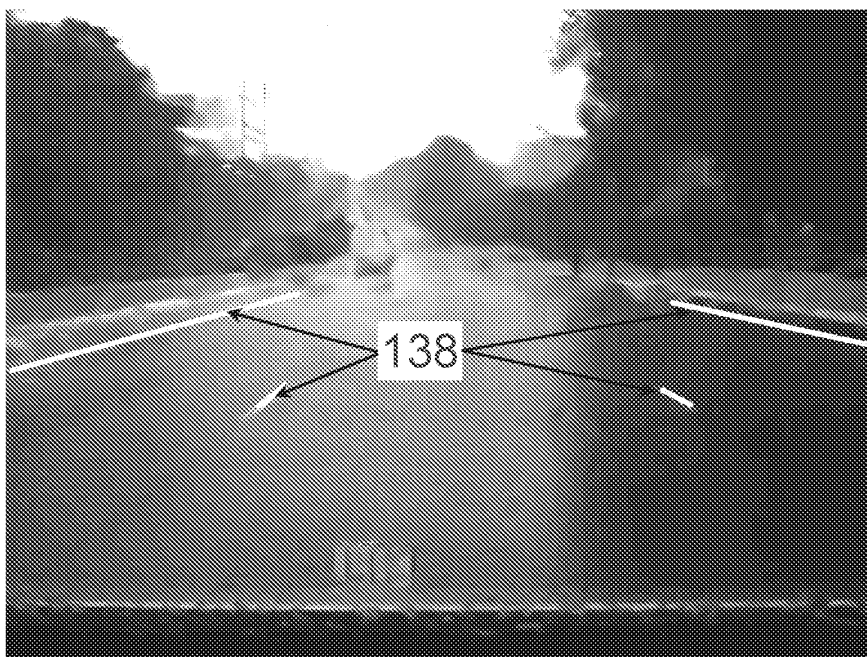


Fig. 6(b)



Fig. 6(c)

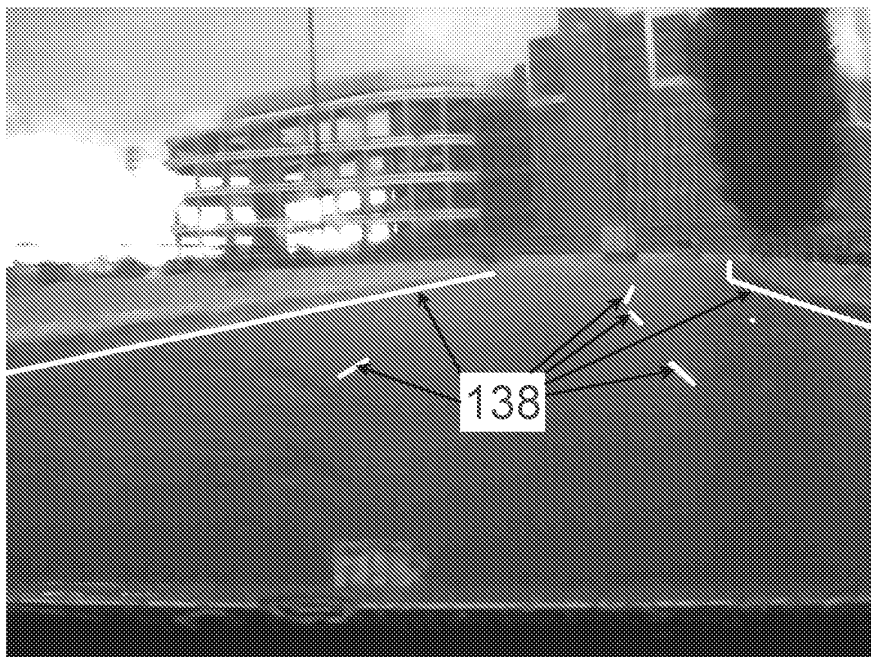


Fig. 6(d)

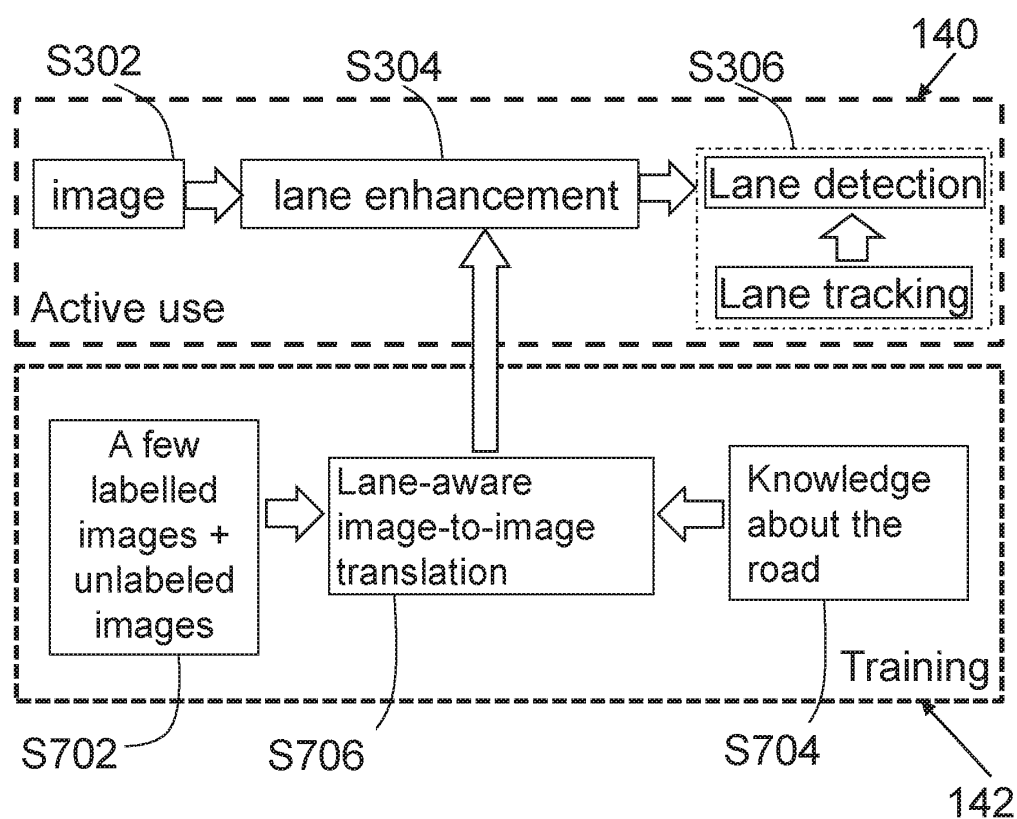


Fig. 7

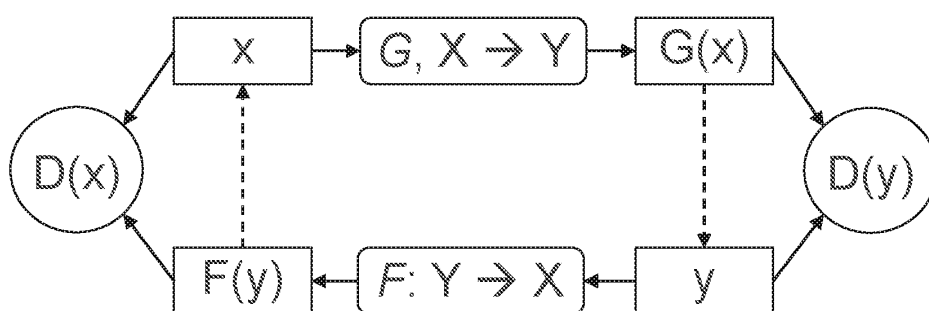


Fig. 8

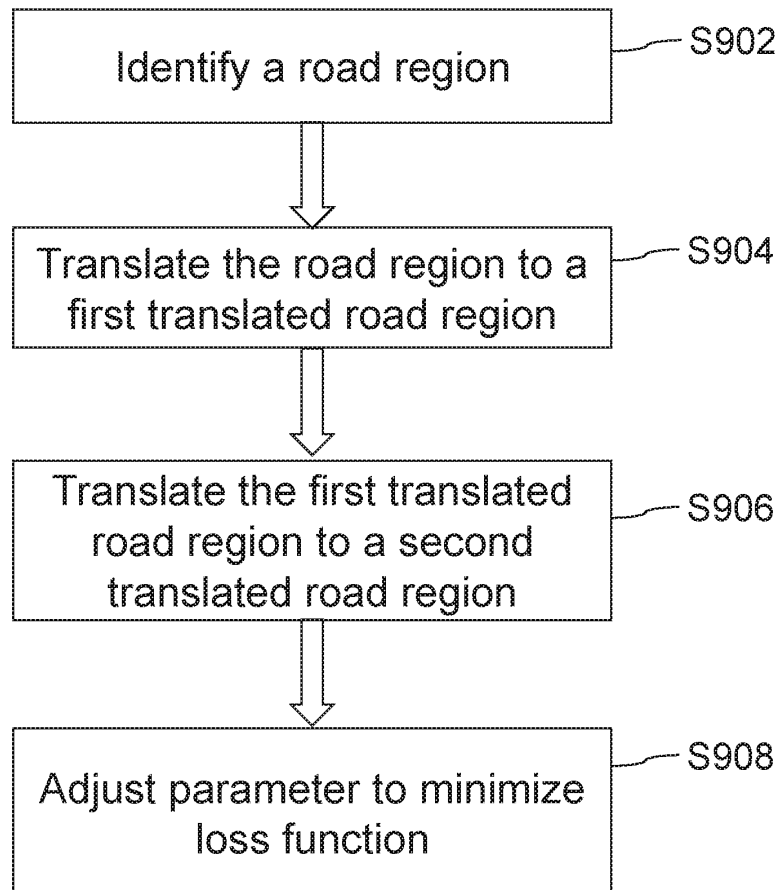


Fig. 9



Fig. 10(a)



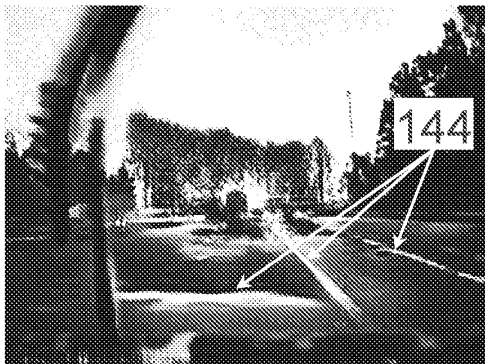
Fig. 10(b)



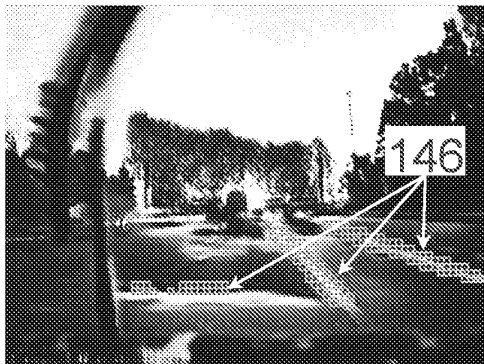
Fig. 10(c)



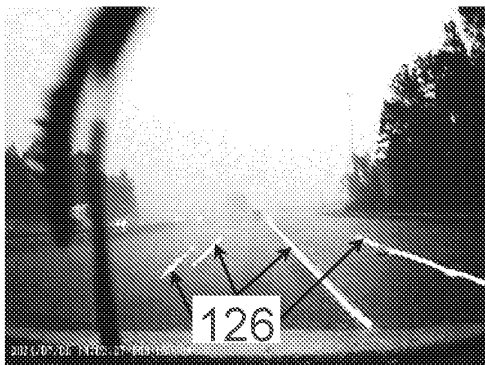
(a) Original Image



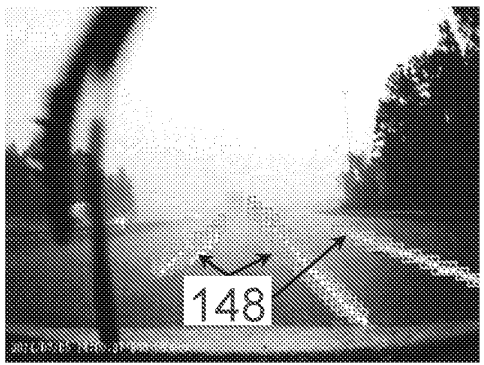
(b) lane enhancement by unsupervised translation



(c) lane detection from image obtained in (b).



(d) lane enhancement by semi-supervised translation



(e) lane detection from image obtained in (d)

Fig. 11