

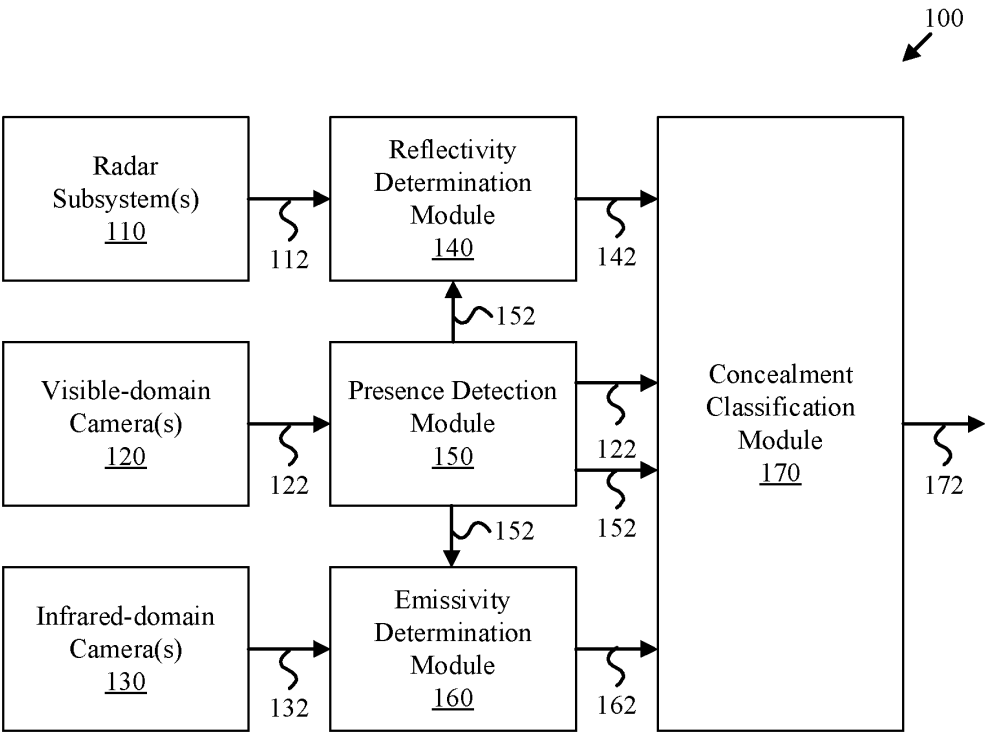


Fig. 1A

IR emissivity	mmWave reflectivity	Classification
< T1	< T2	Thick covering. Subject's clothing may be too thick to perform inspection (i.e. heavy jacket).
>T1	>T2	Active device. Potential concealed object with IR emissivity (e.g active tablet).
>T1	<T2	No detected object. Subject is not carrying concealed object.
<T1	>T2	Reflecting object. Potential metallic or electronic concealed object (e.g. smartphone, knife, wrench, gun).

Fig. 1B

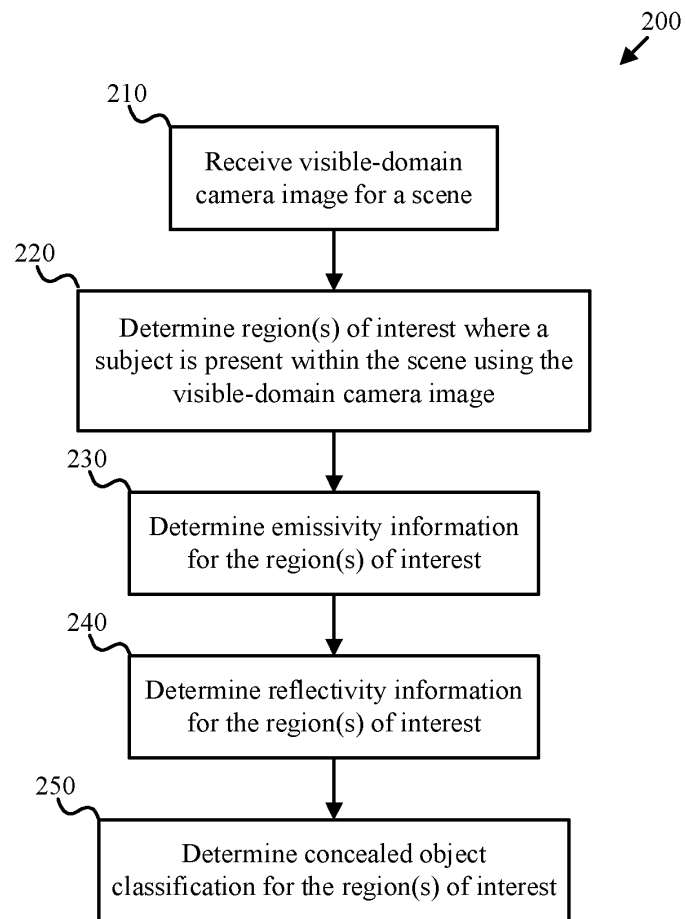


Fig. 2

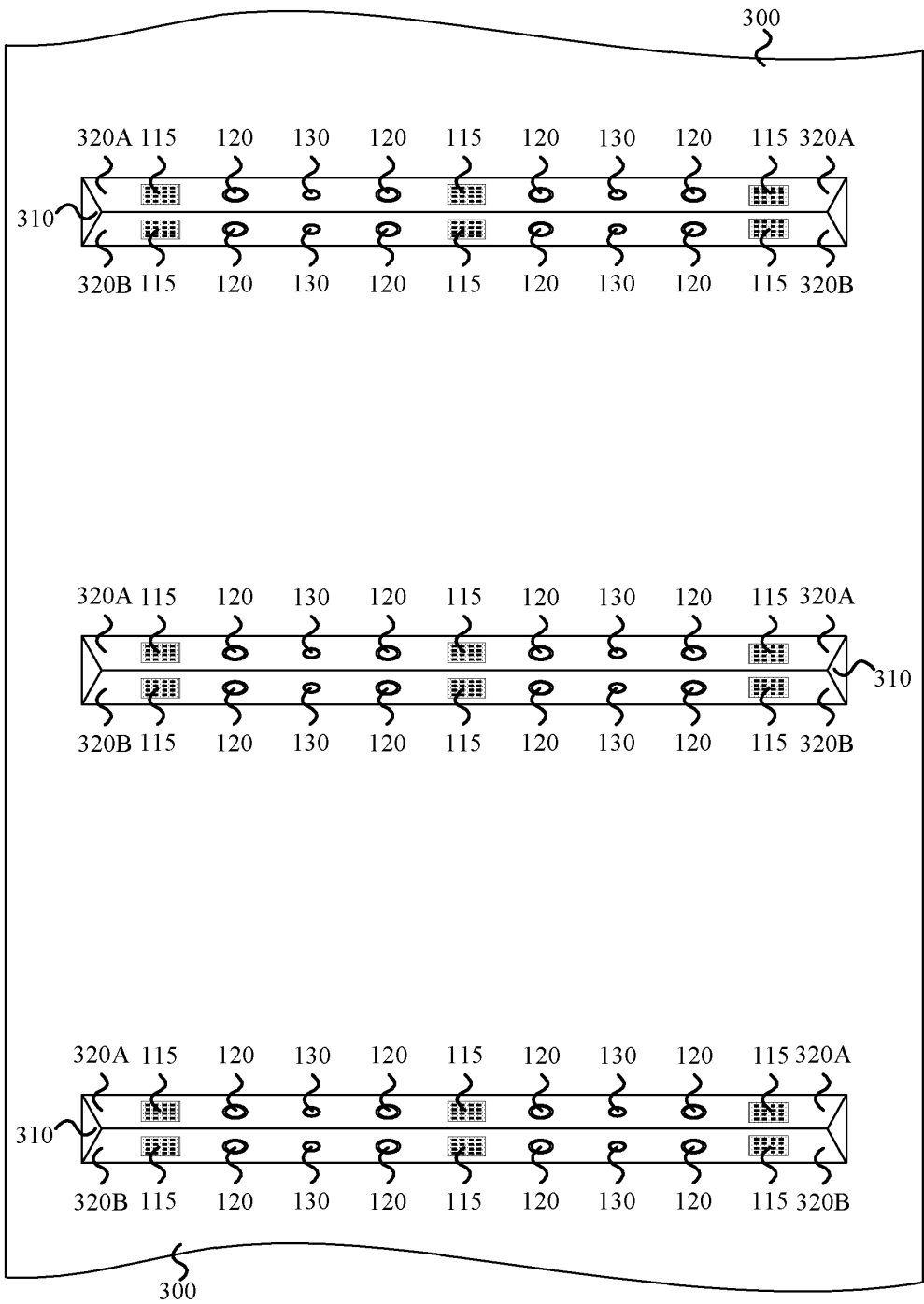


Fig. 3A

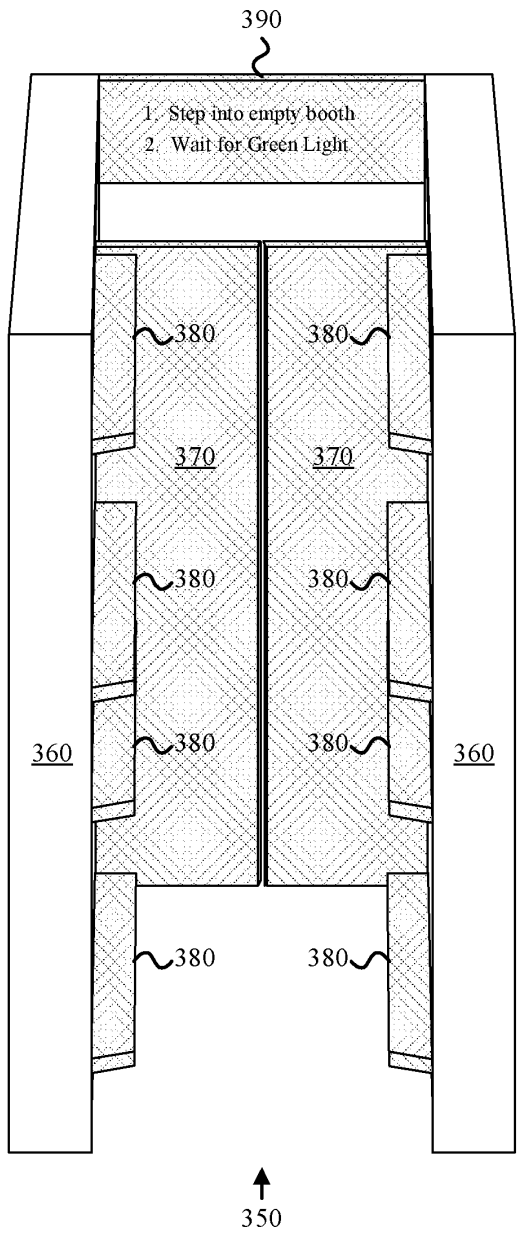


Fig. 3B

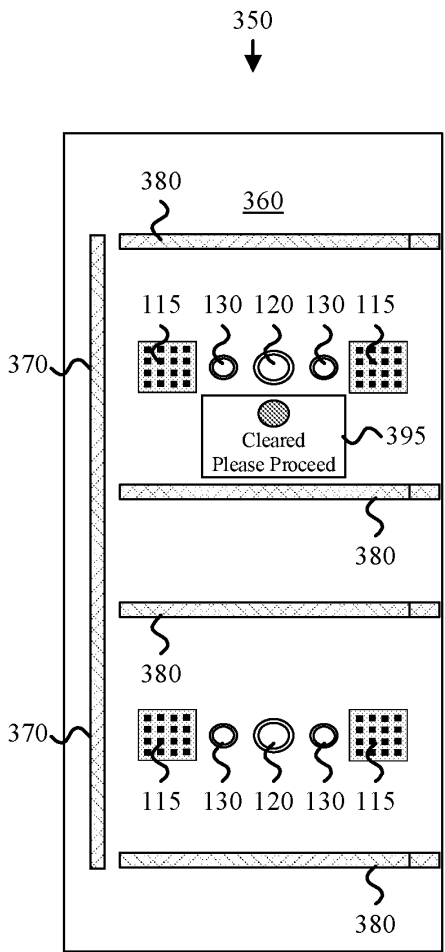


Fig. 3C

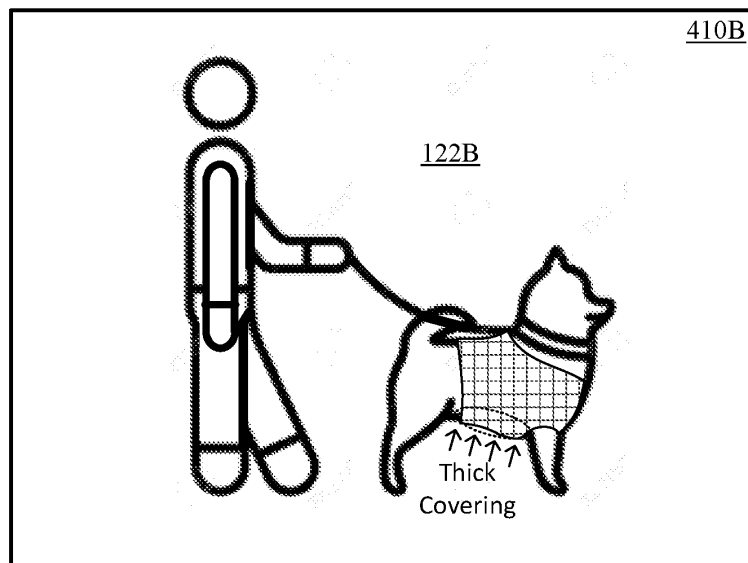
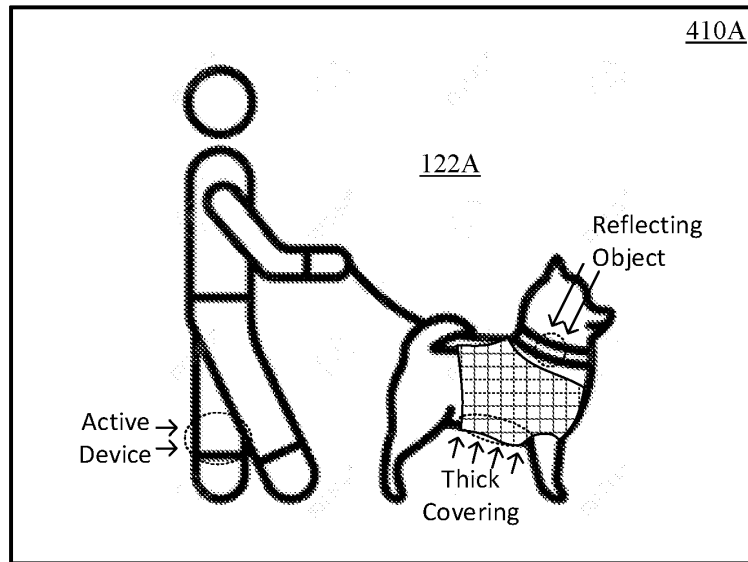


Fig. 4A

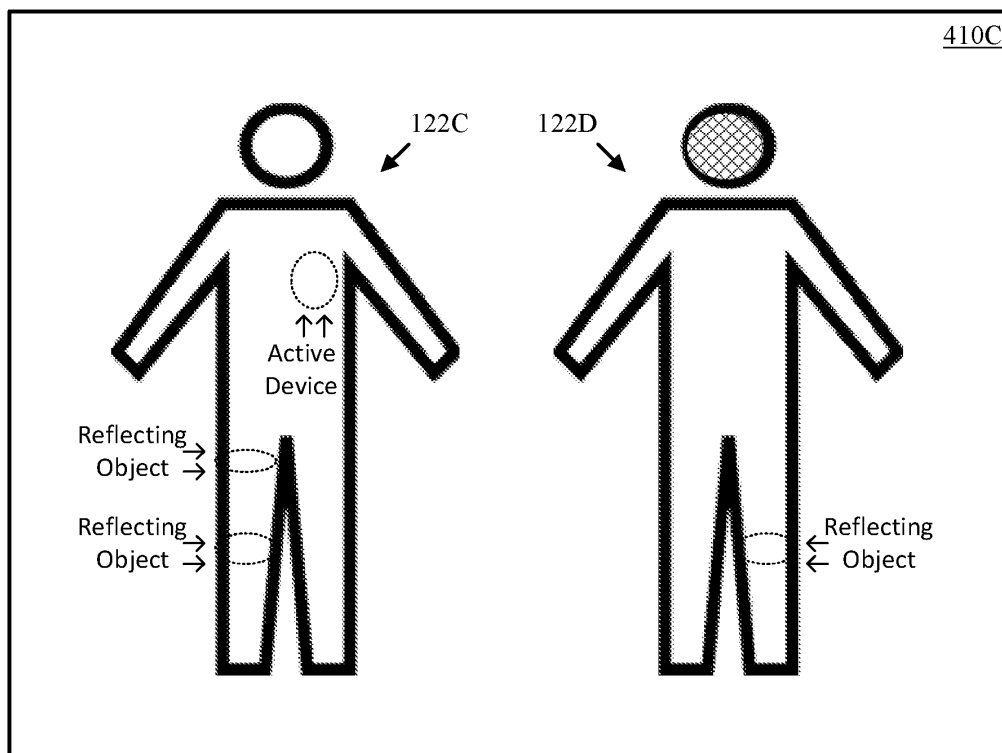


Fig. 4B

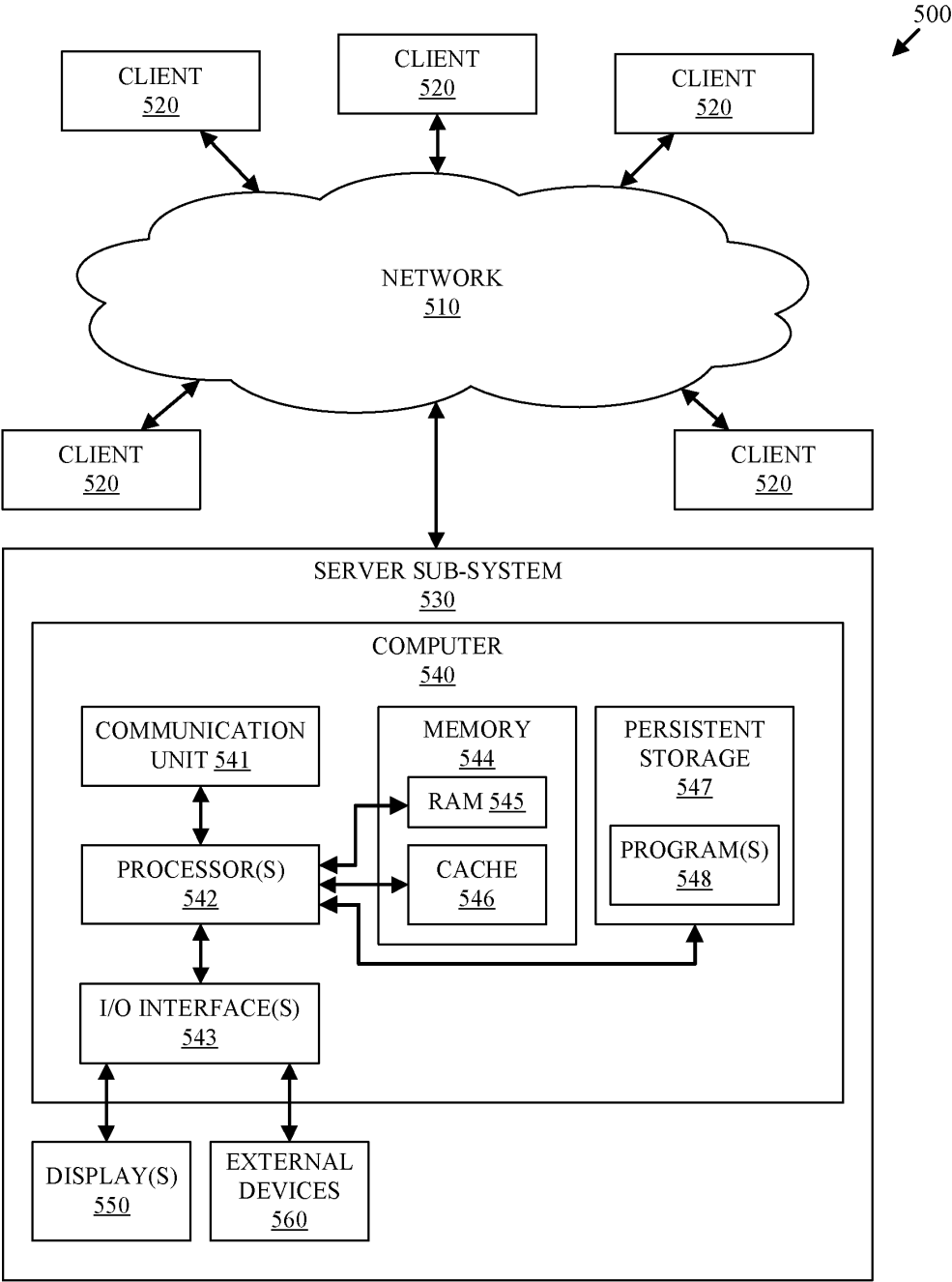


Fig. 5A

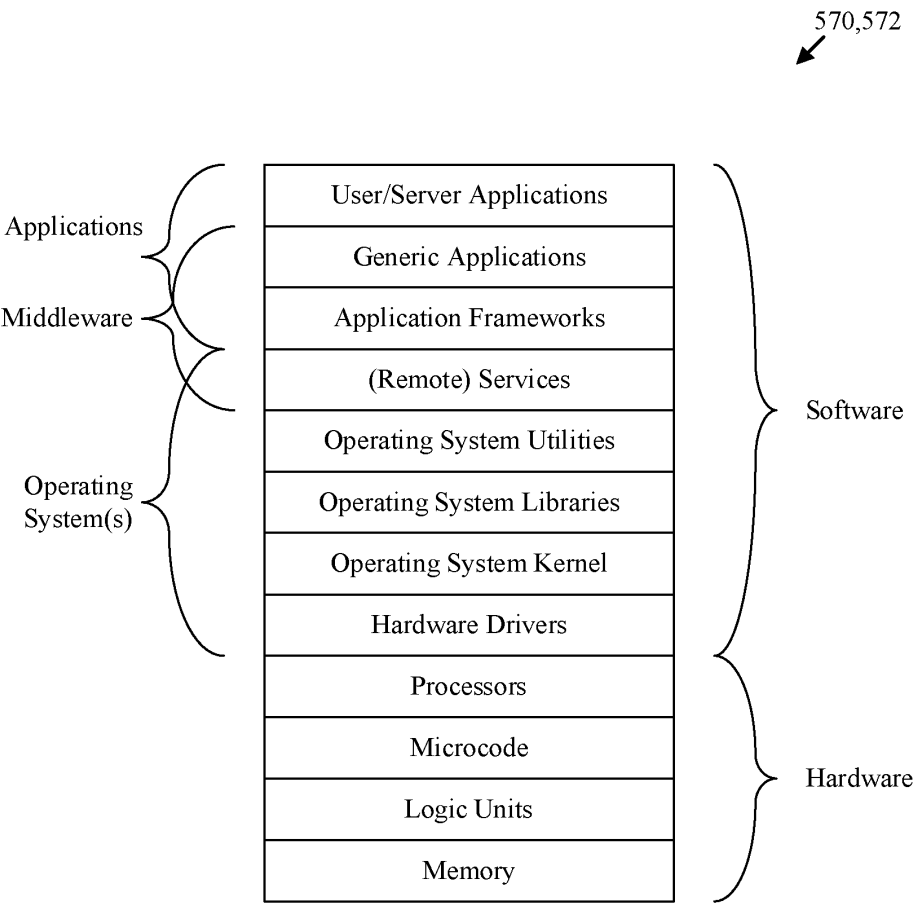


Fig. 5B