

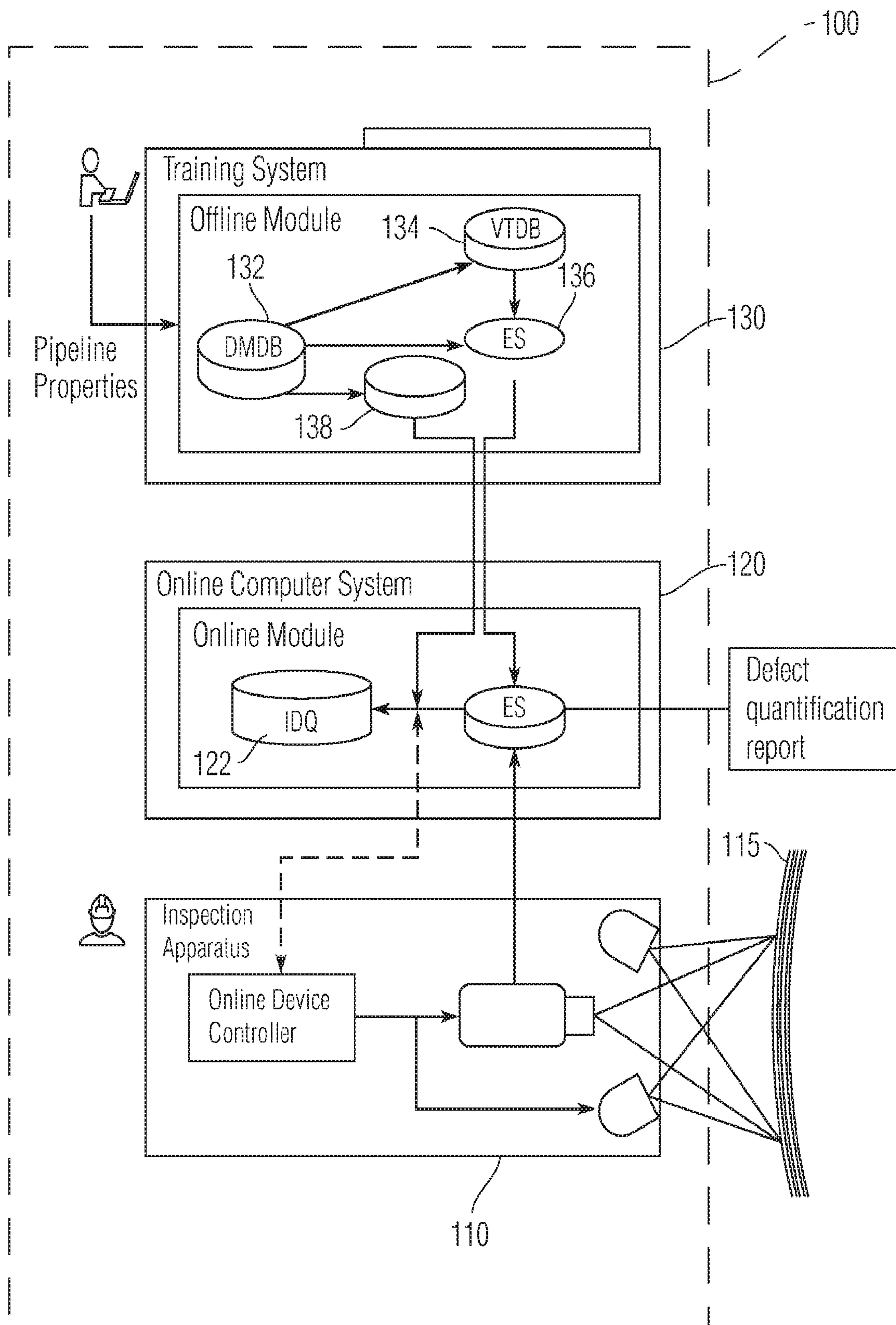


Fig. 1

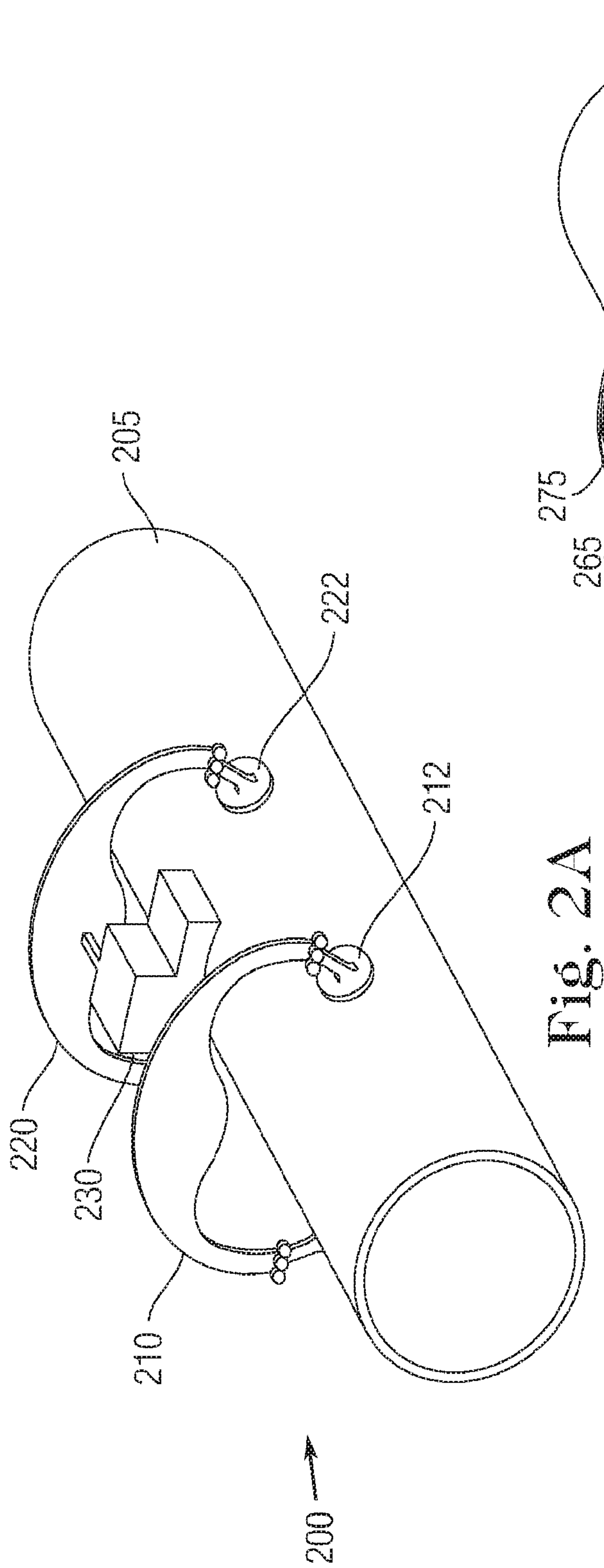


Fig. 2A

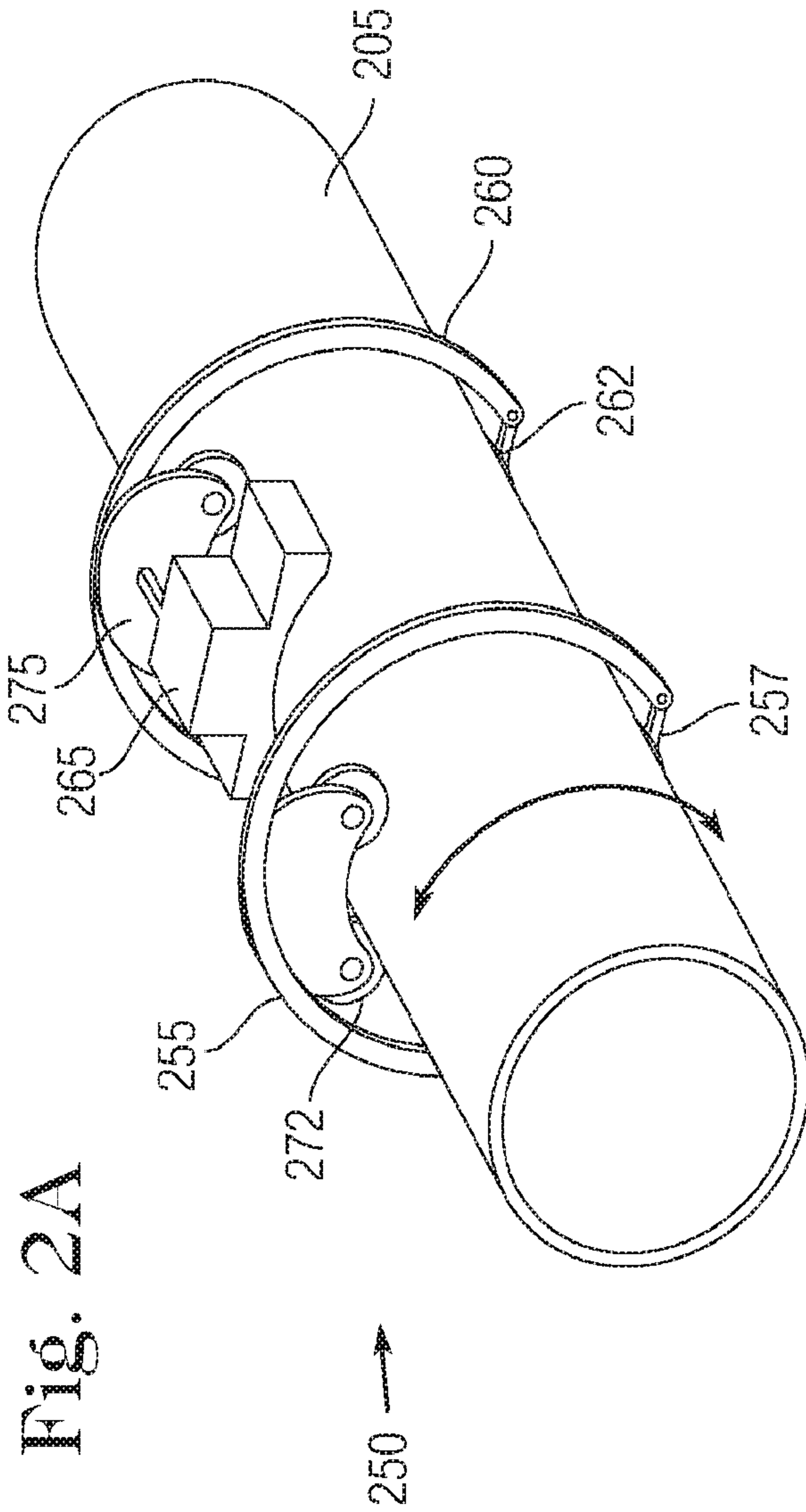
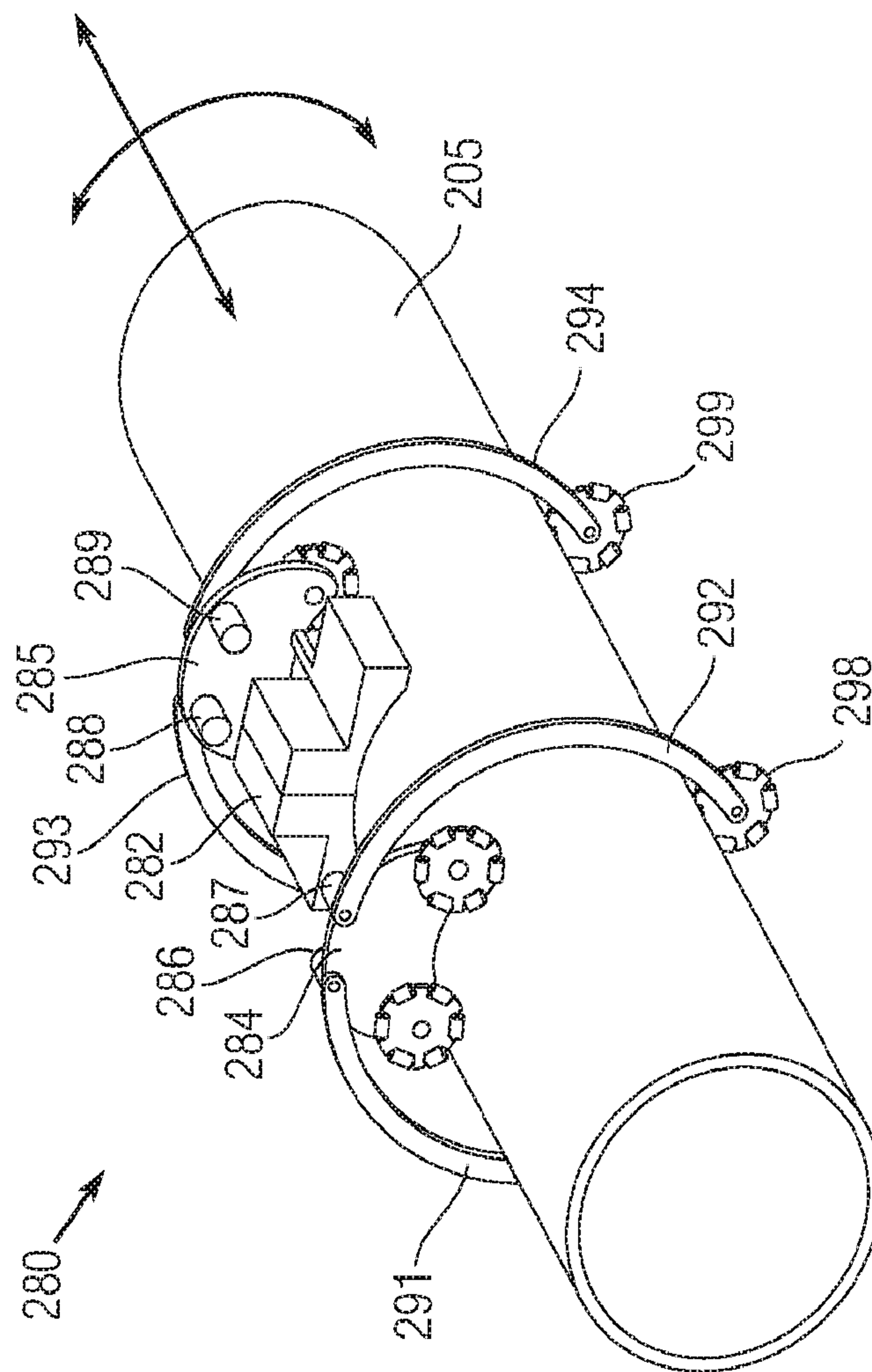


Fig. 2B



2000

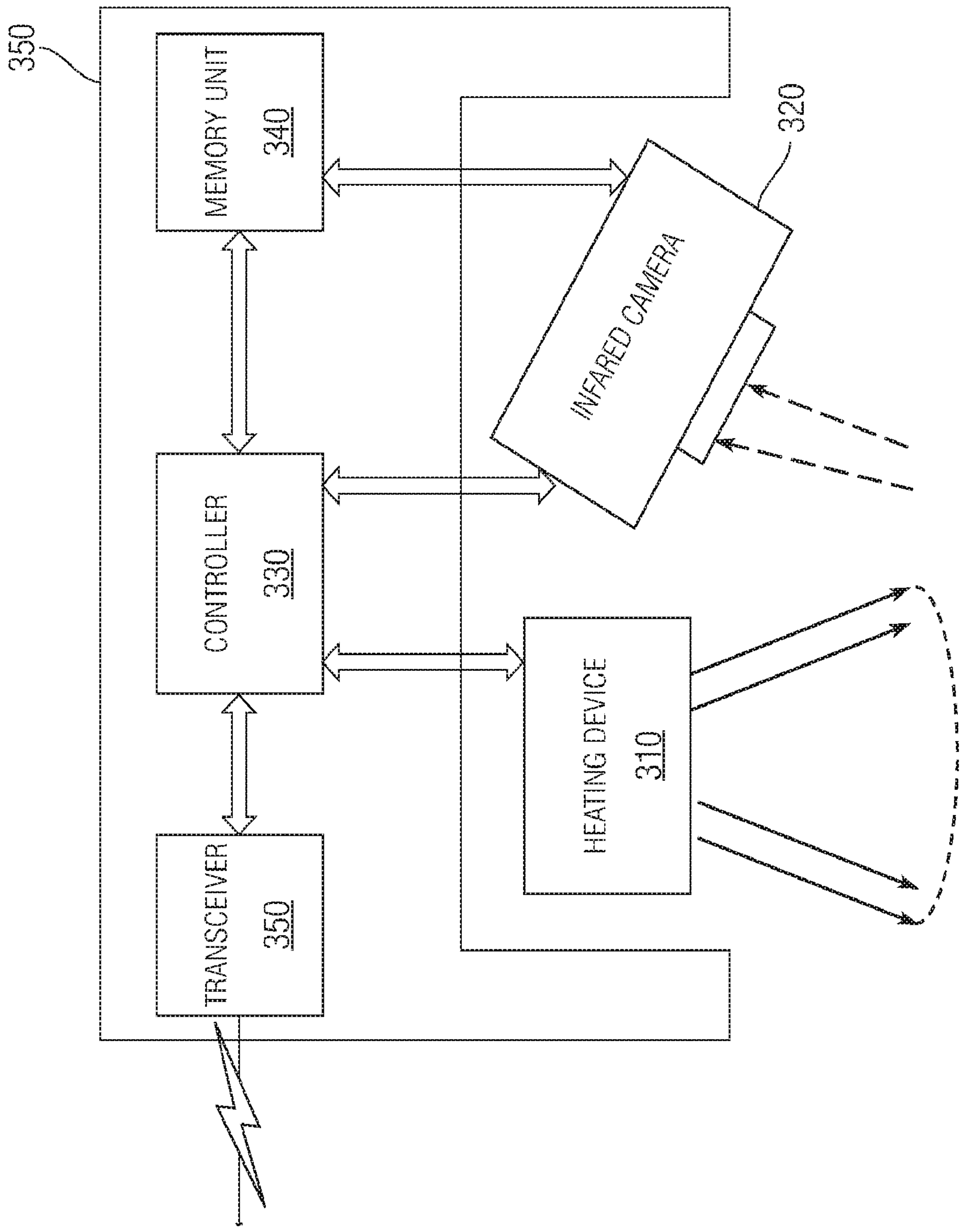
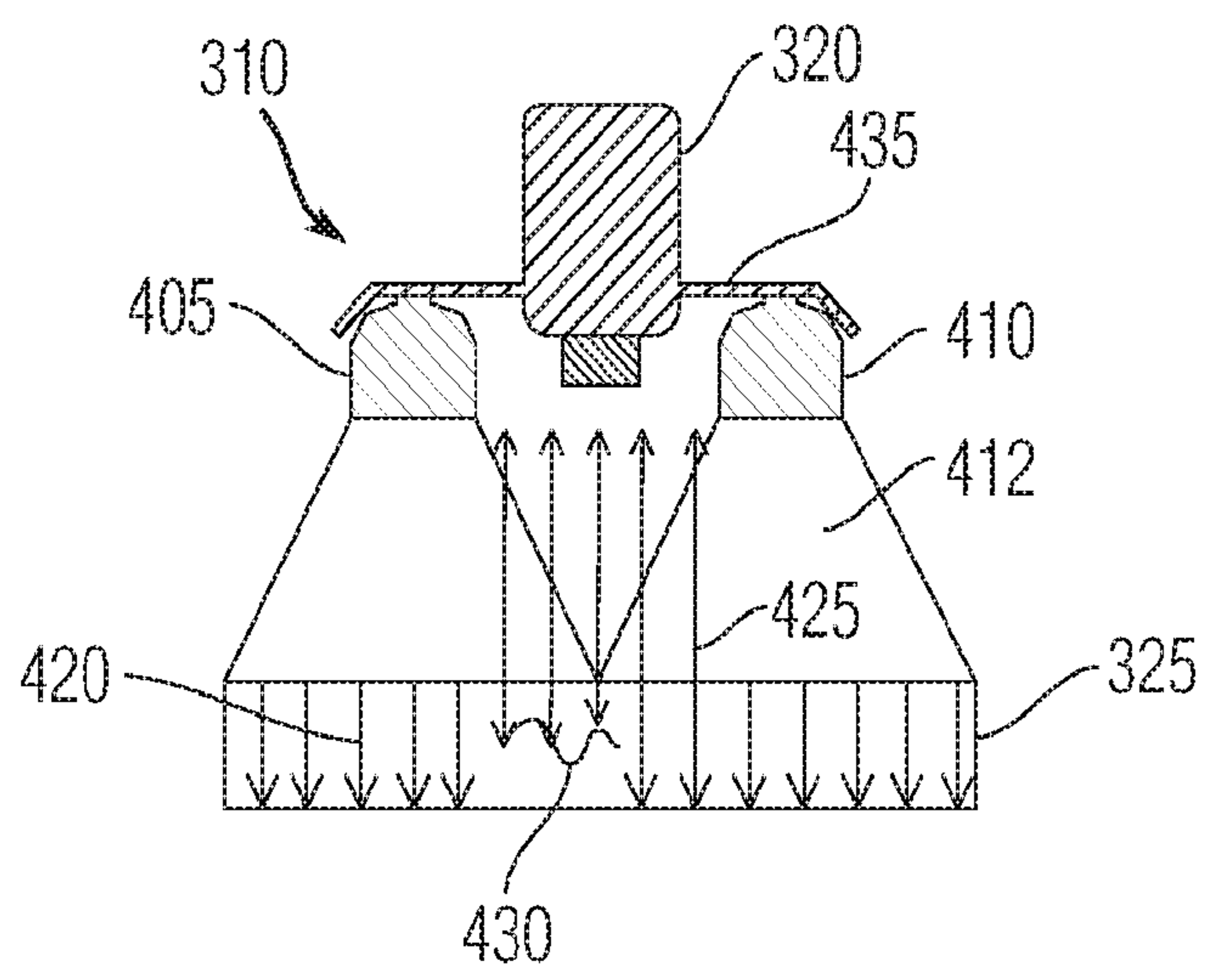
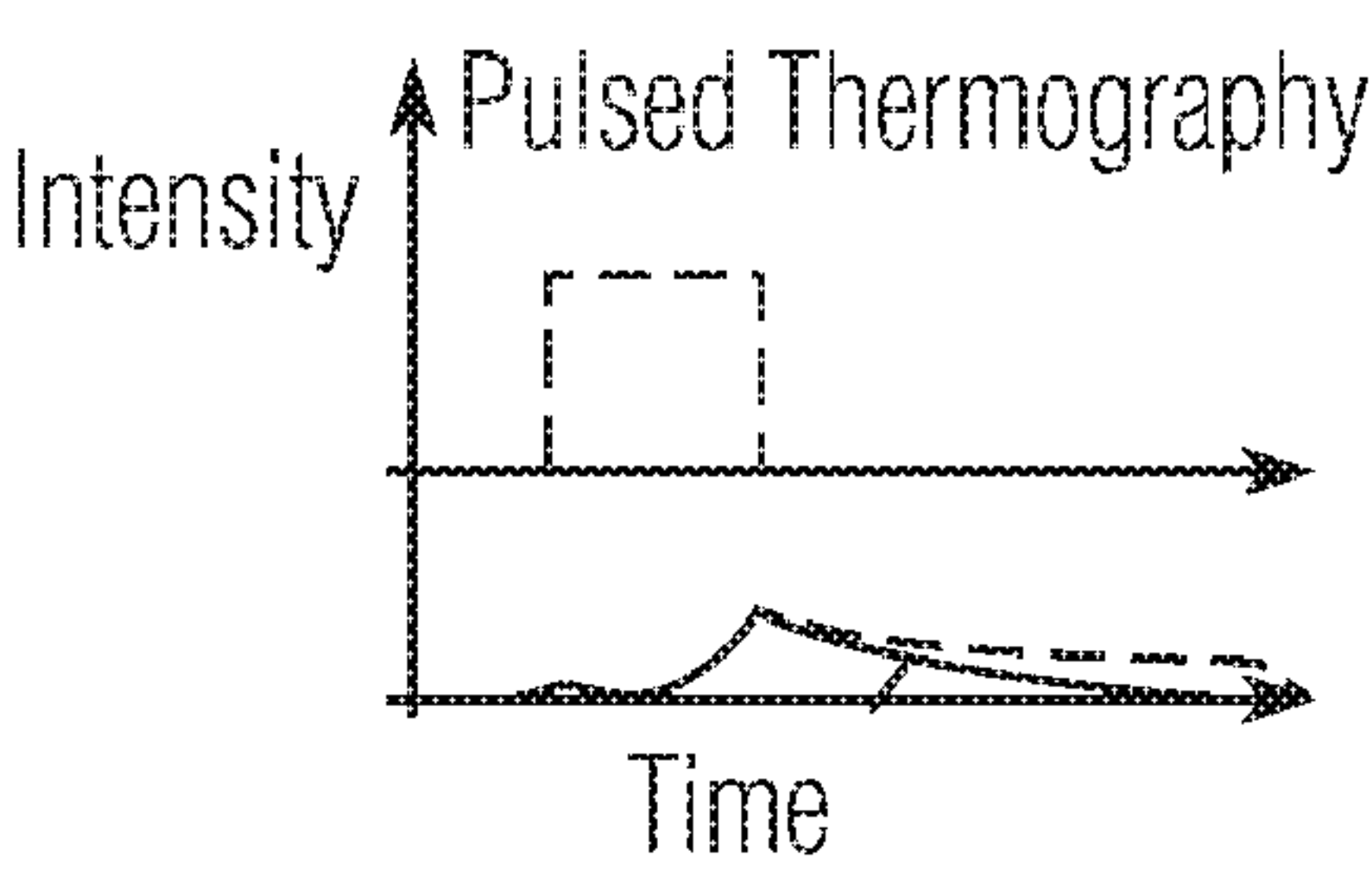


Fig. 3



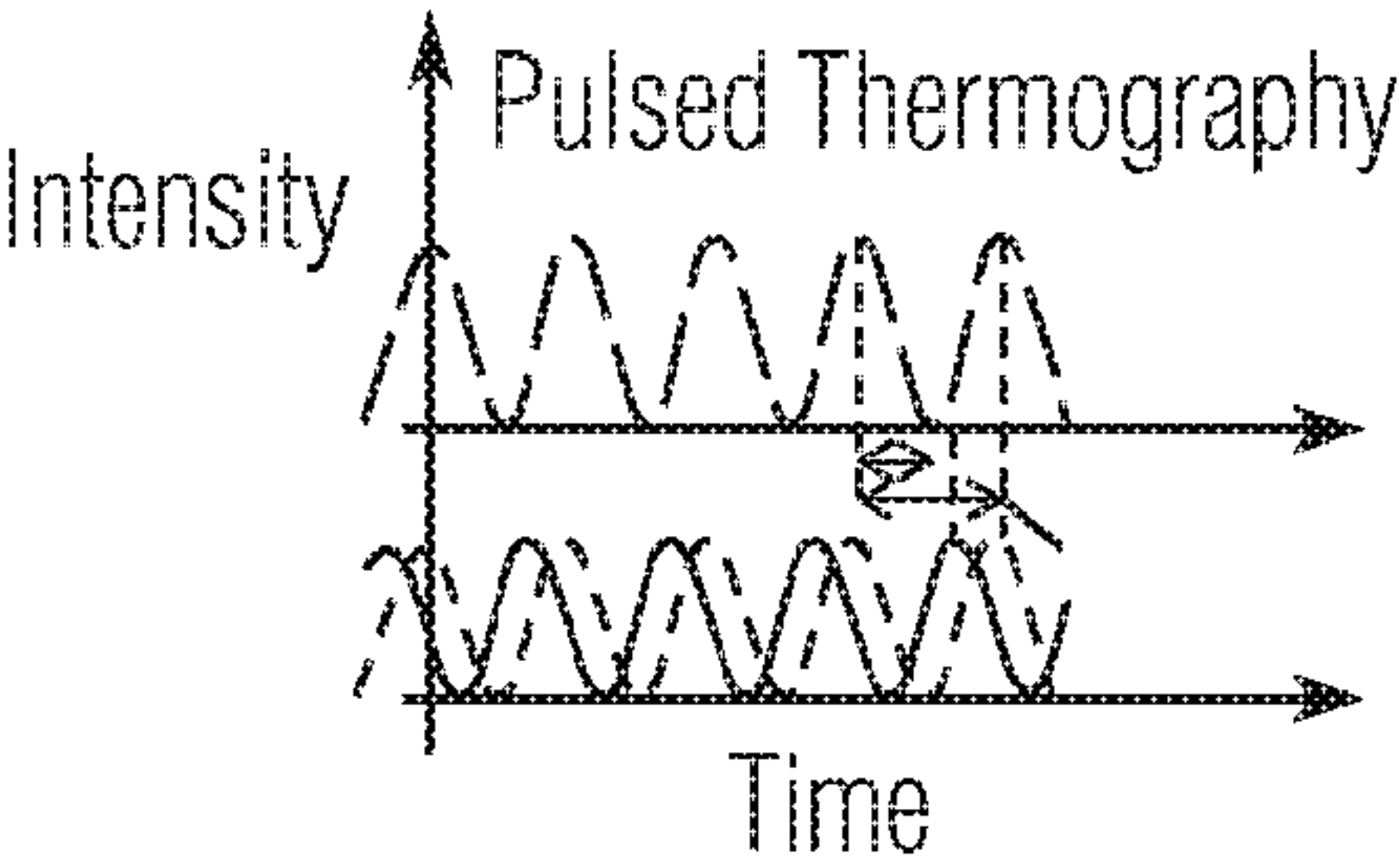
(PRIOR ART)

Fig. 4A



(PRIOR ART)

Fig. 4B



(PRIOR ART)

Fig. 4C

500
↓

TRAINING METHOD

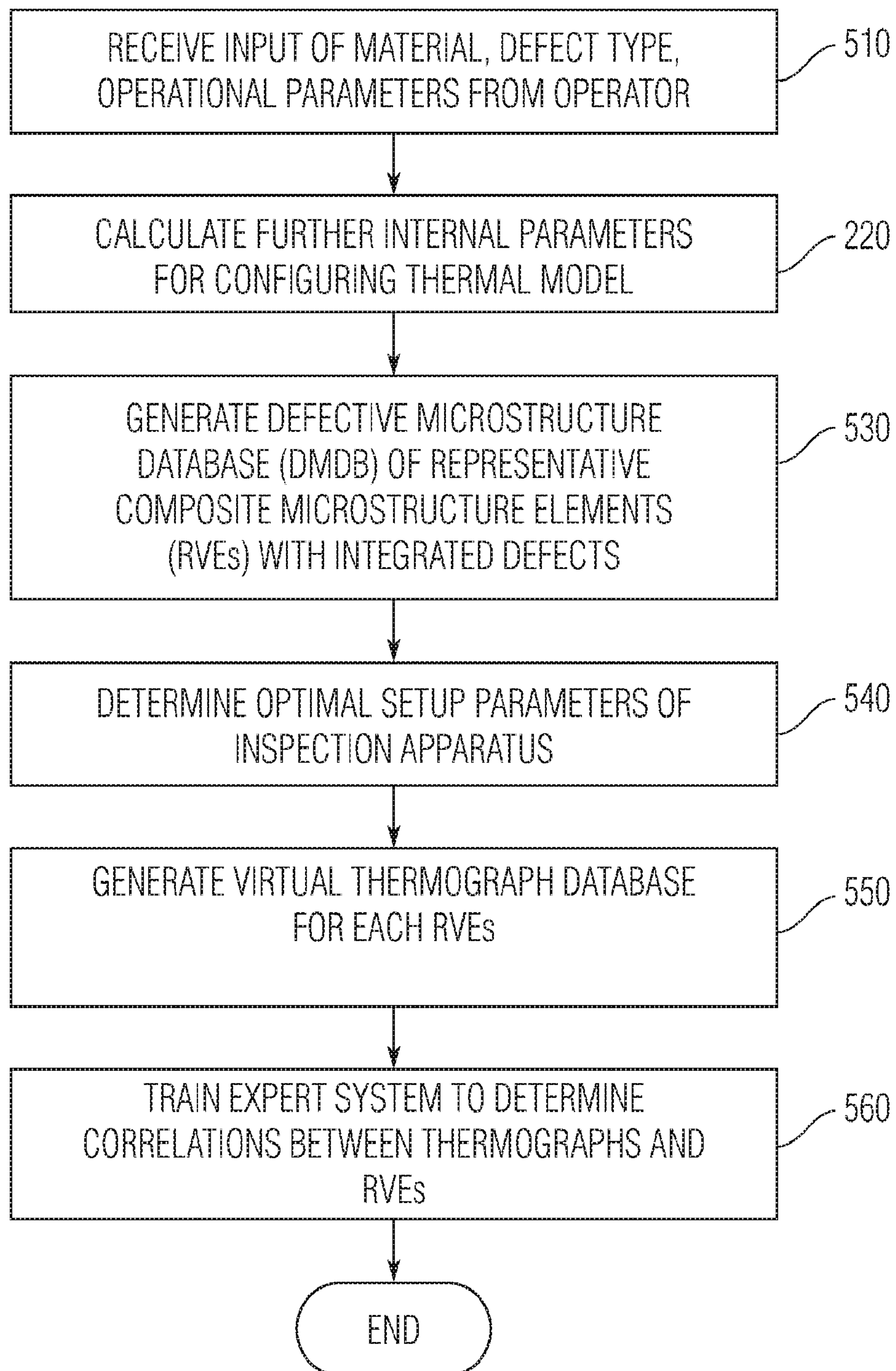


Fig. 5

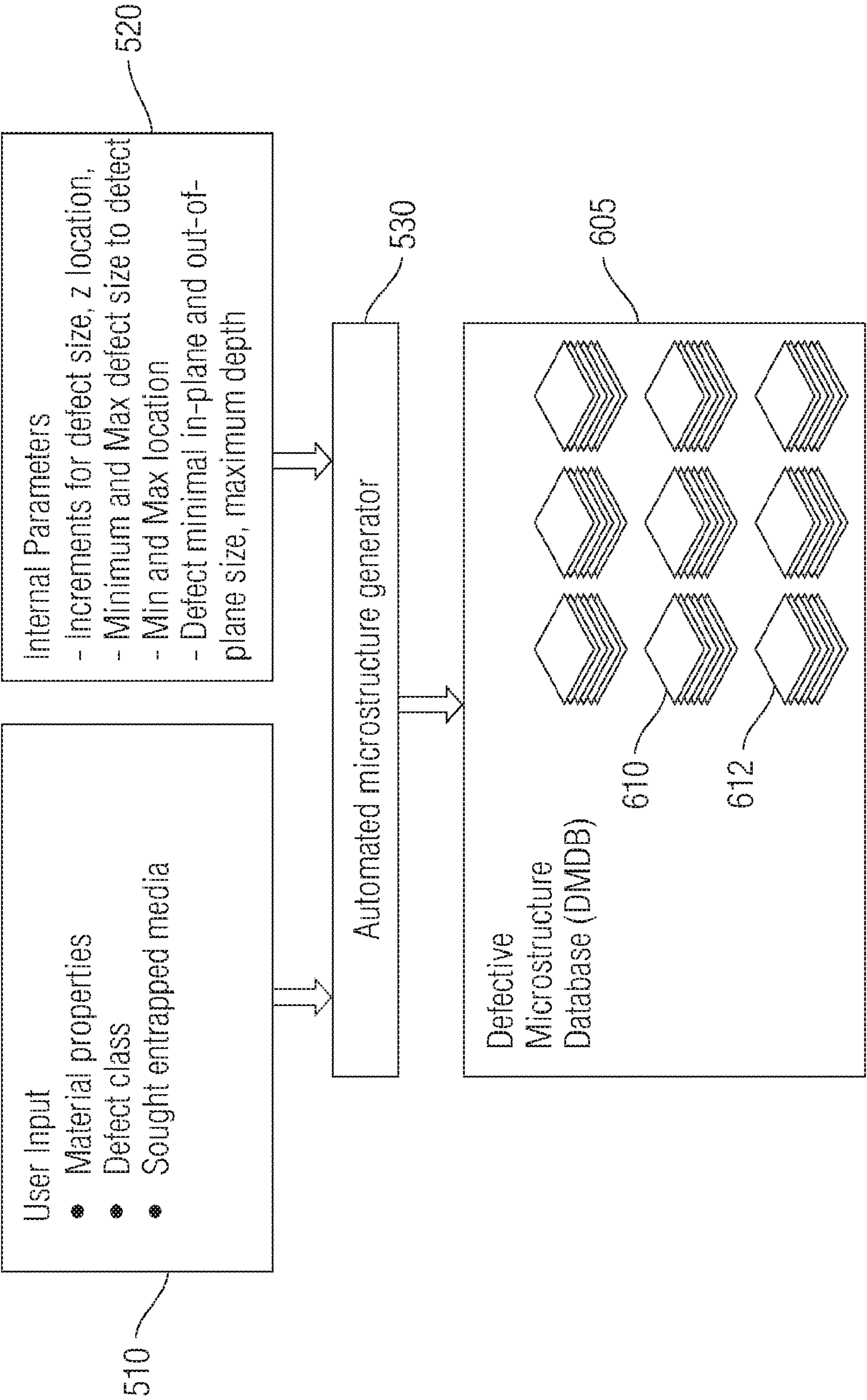


Fig. 6

a_k defect first dimension,
 b_k defect second dimension
 c_k defect third dimension
 z_k out-of-plane coordinate of defect centroid
 θ_k and φ_k angles with inspection plane
 D_k class of defect e.g. delamination
 M_k media entrapped e.g. air

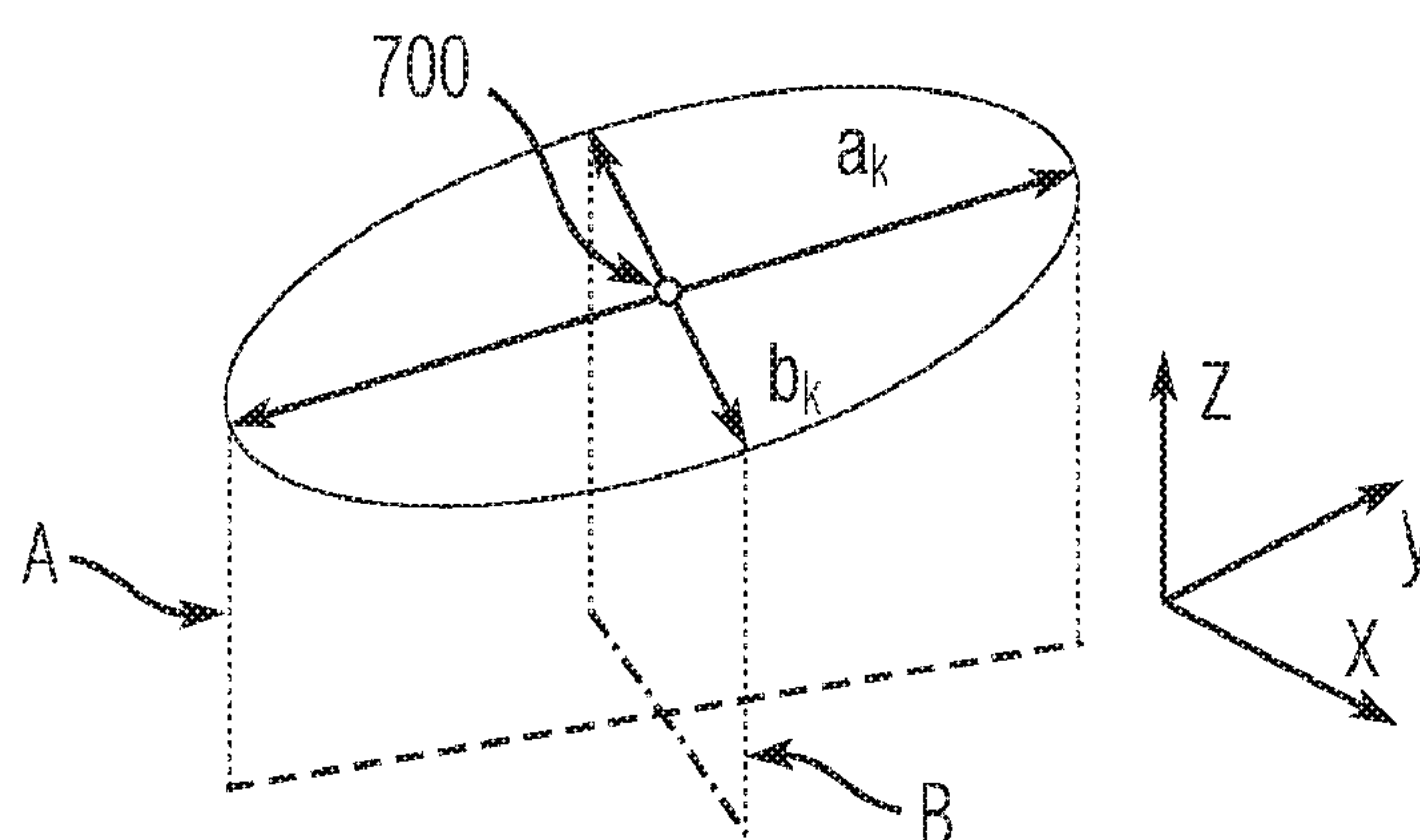


Fig. 7A

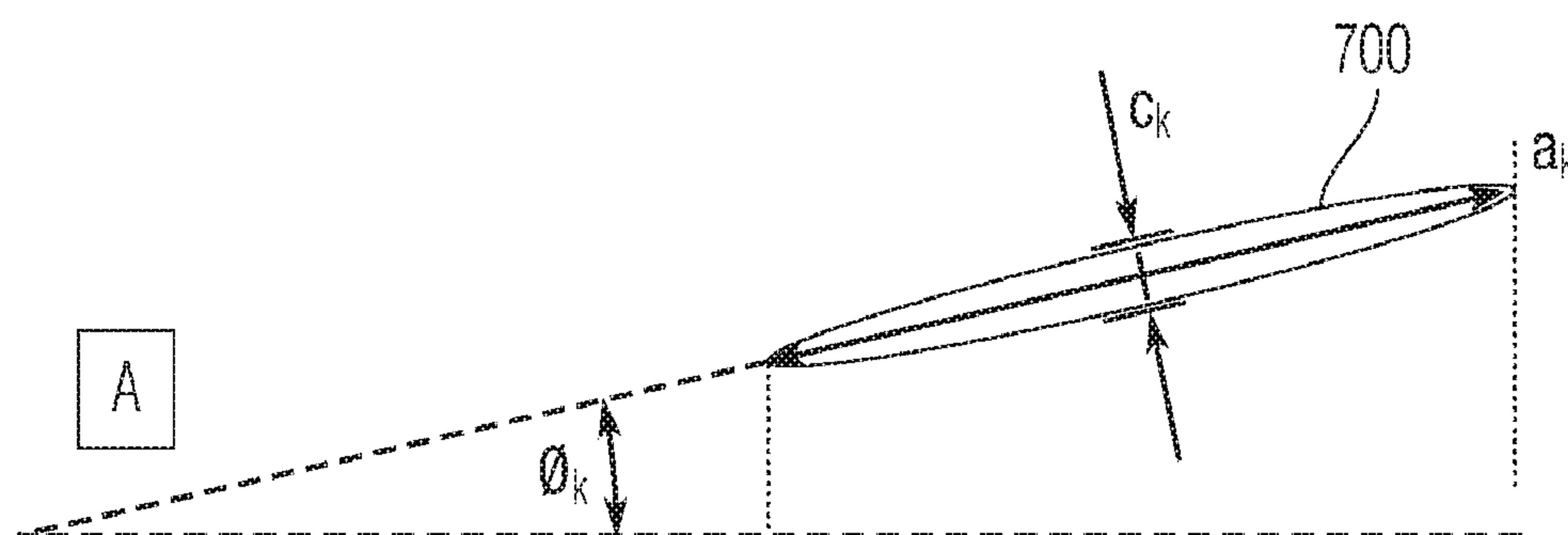


Fig. 7B

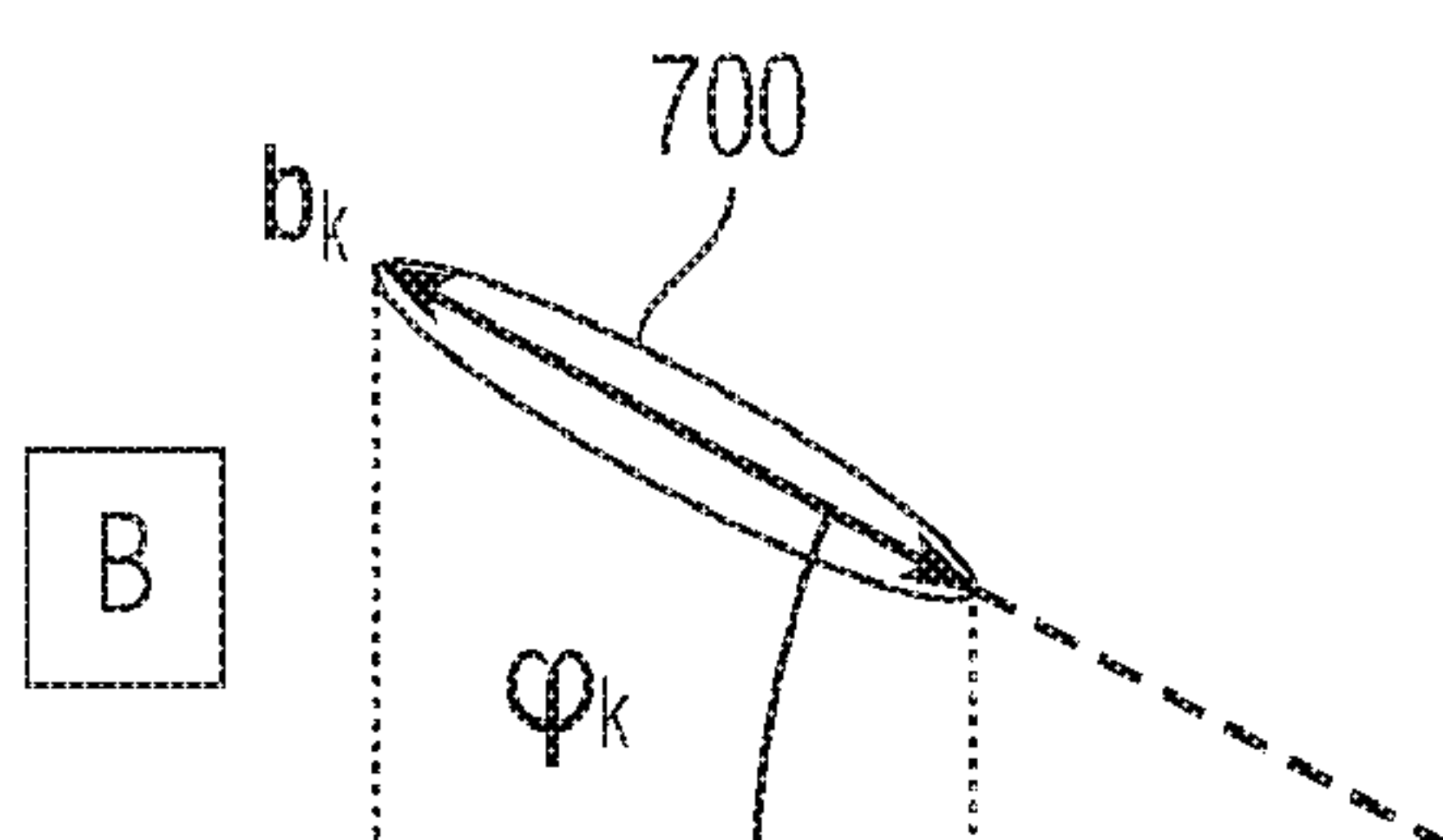


Fig. 7C

OAP METHOD

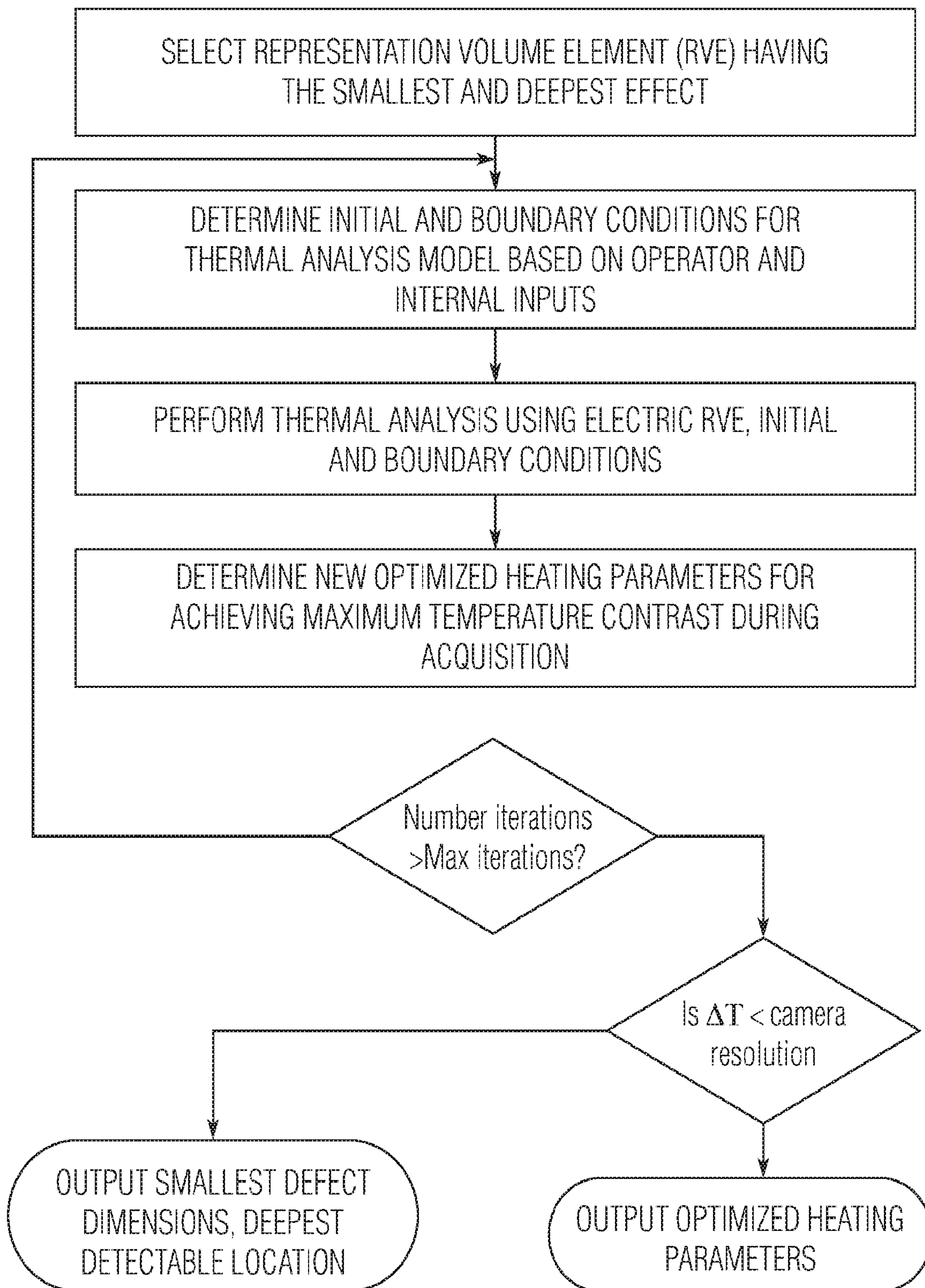


Fig. 8

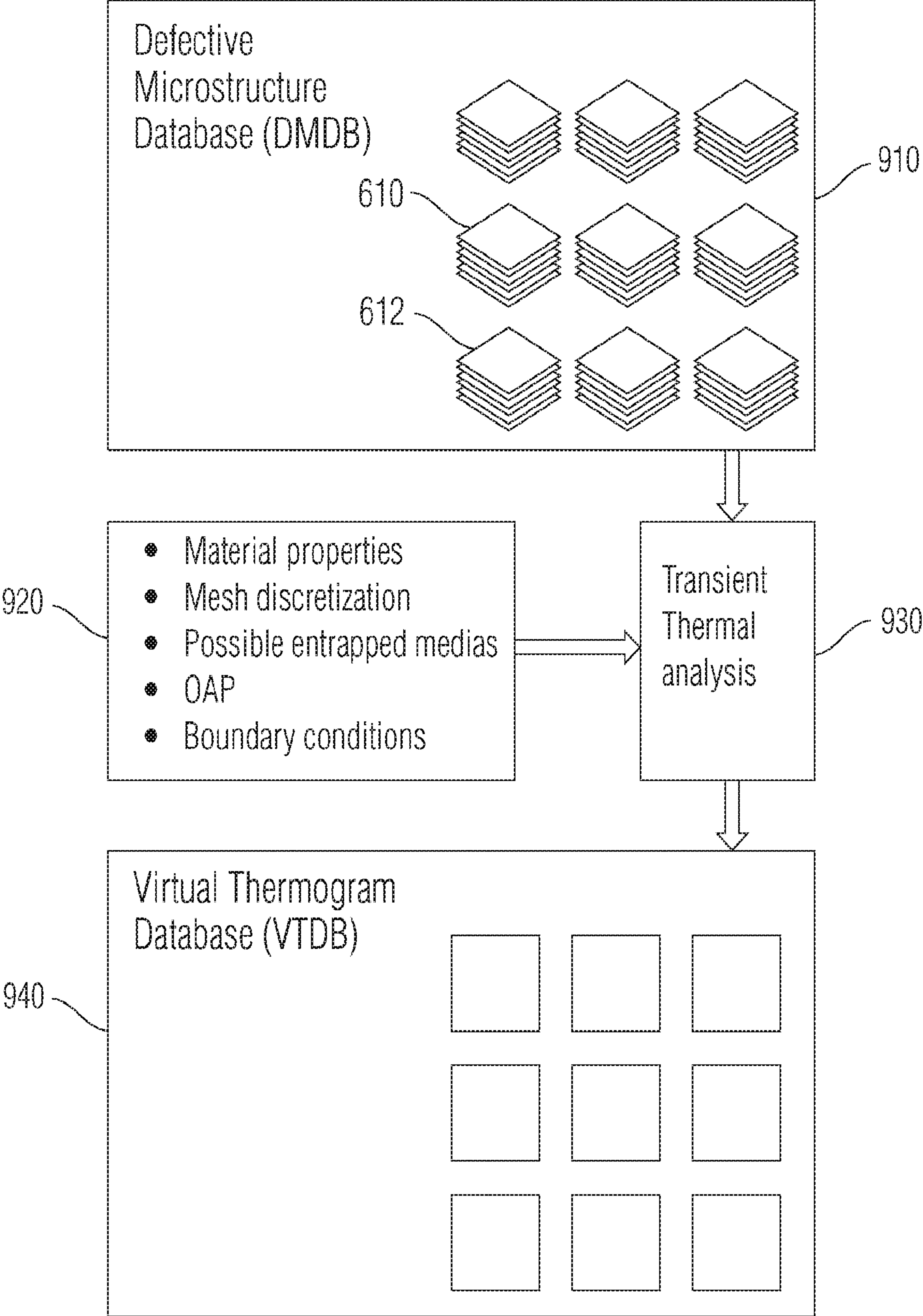


Fig. 9

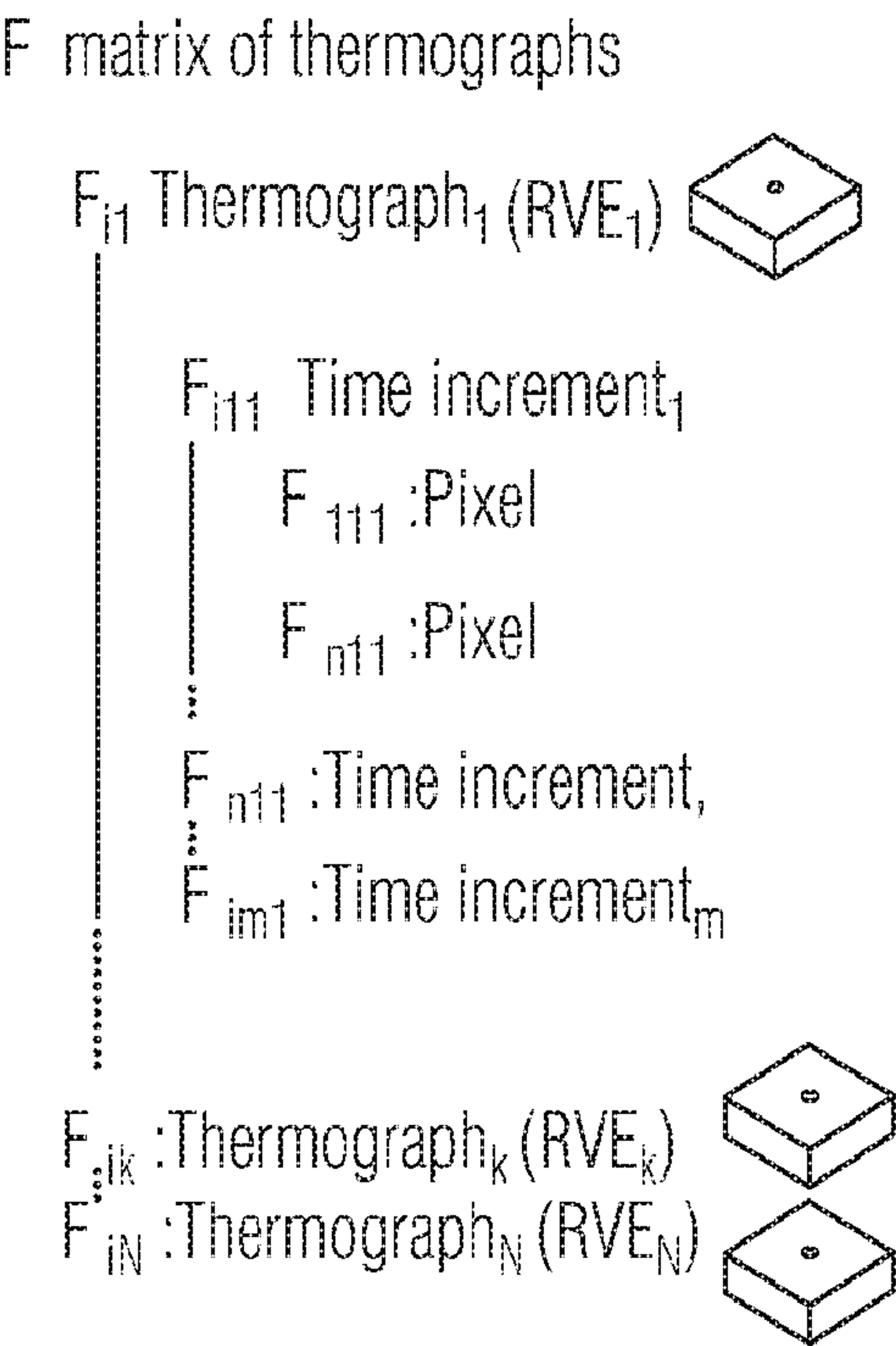


Fig. 10A

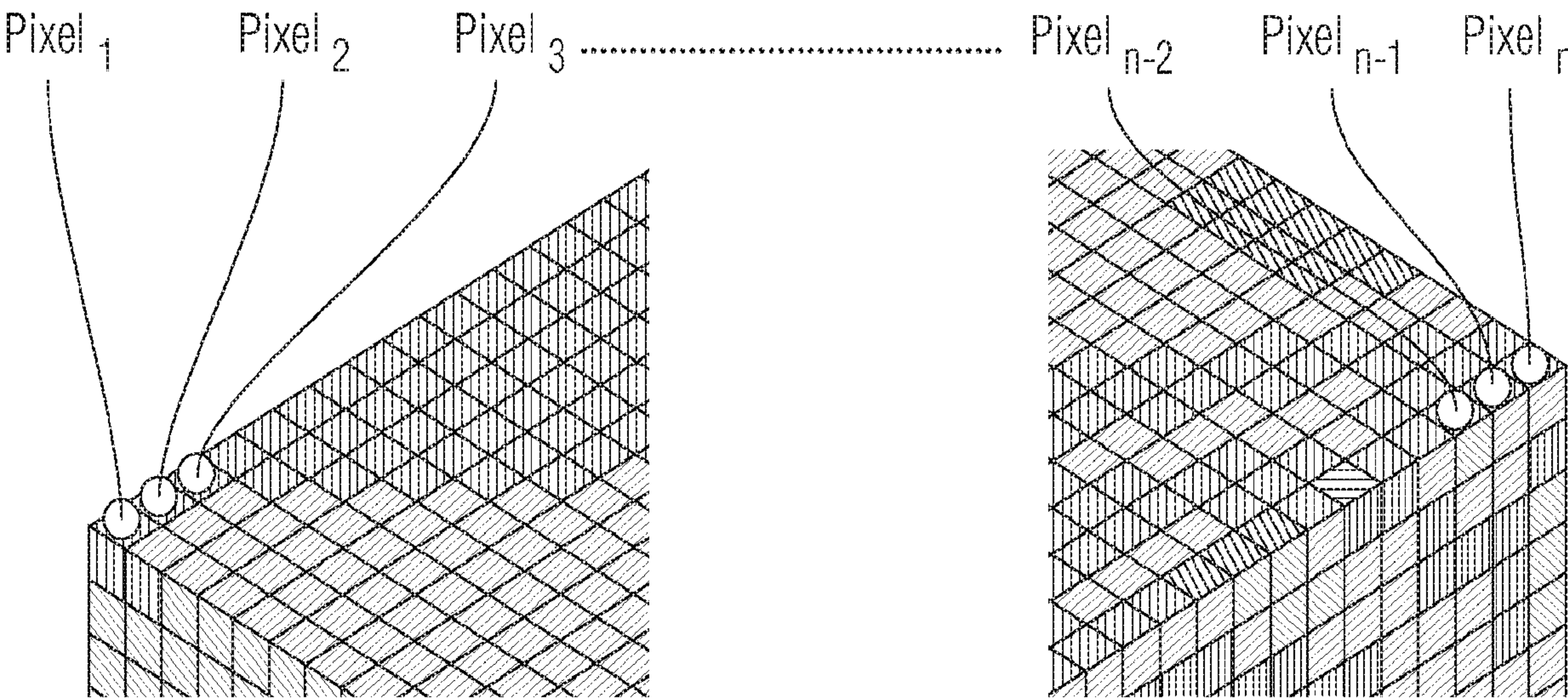


Fig. 10B

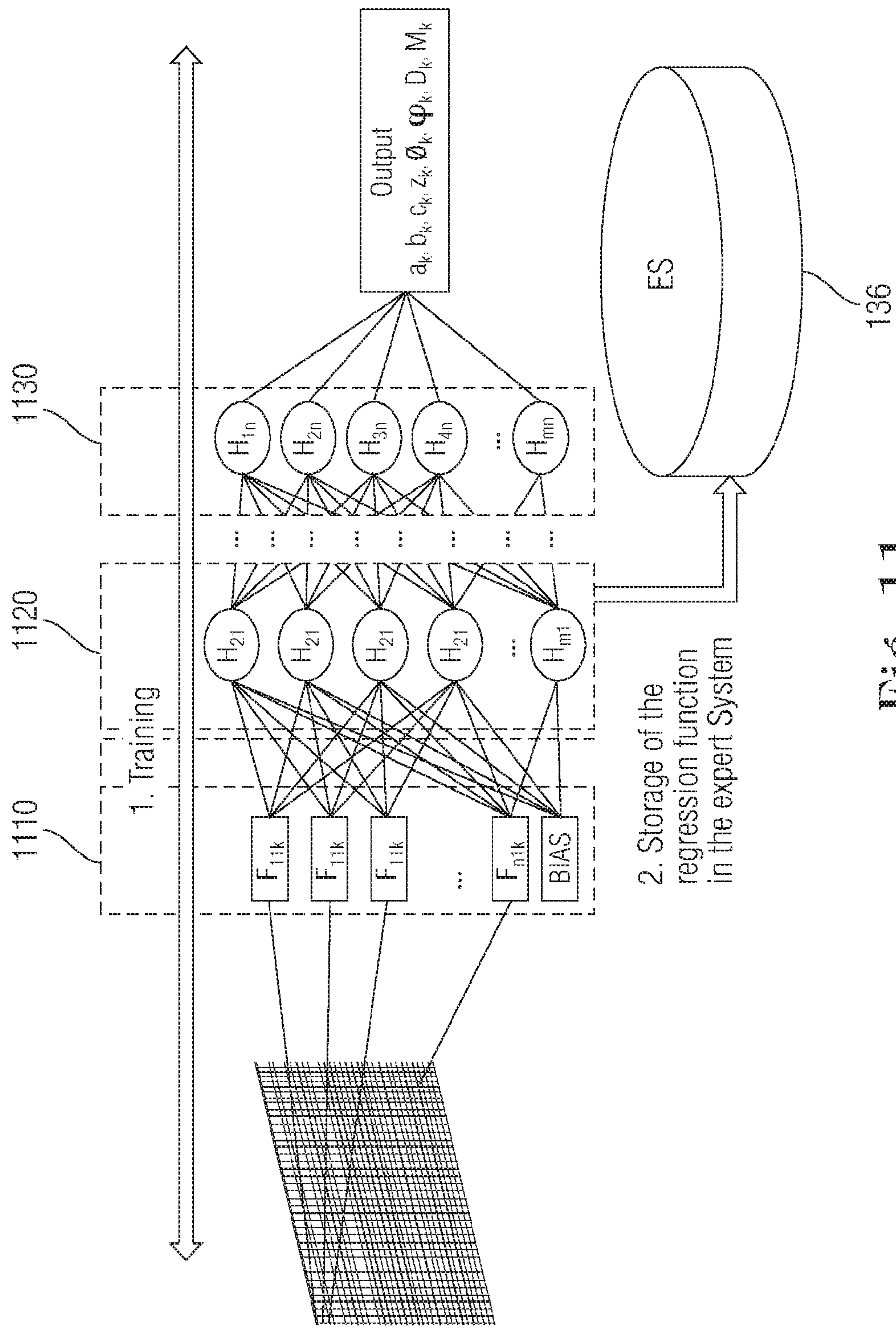


Fig. 11

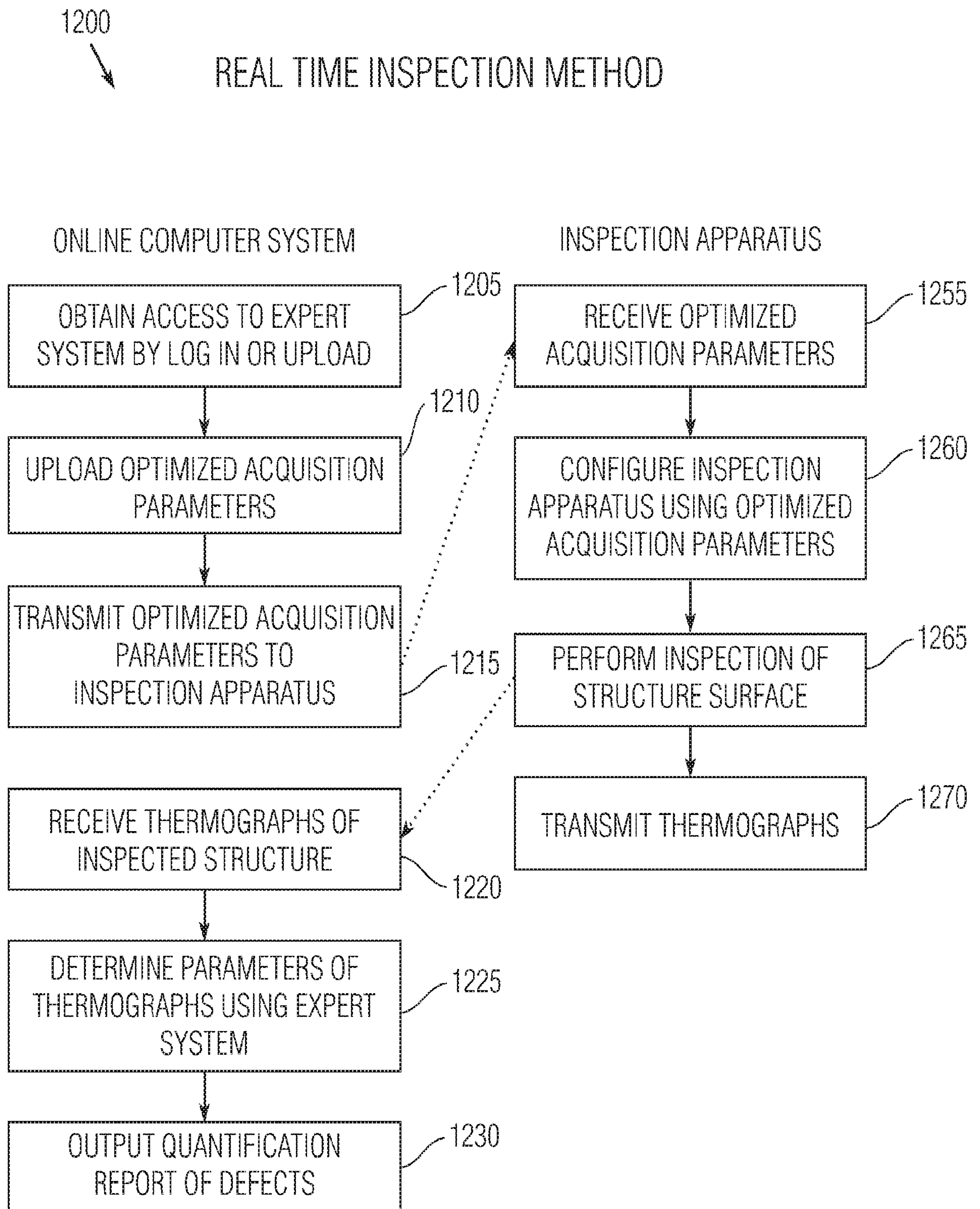


Fig. 12

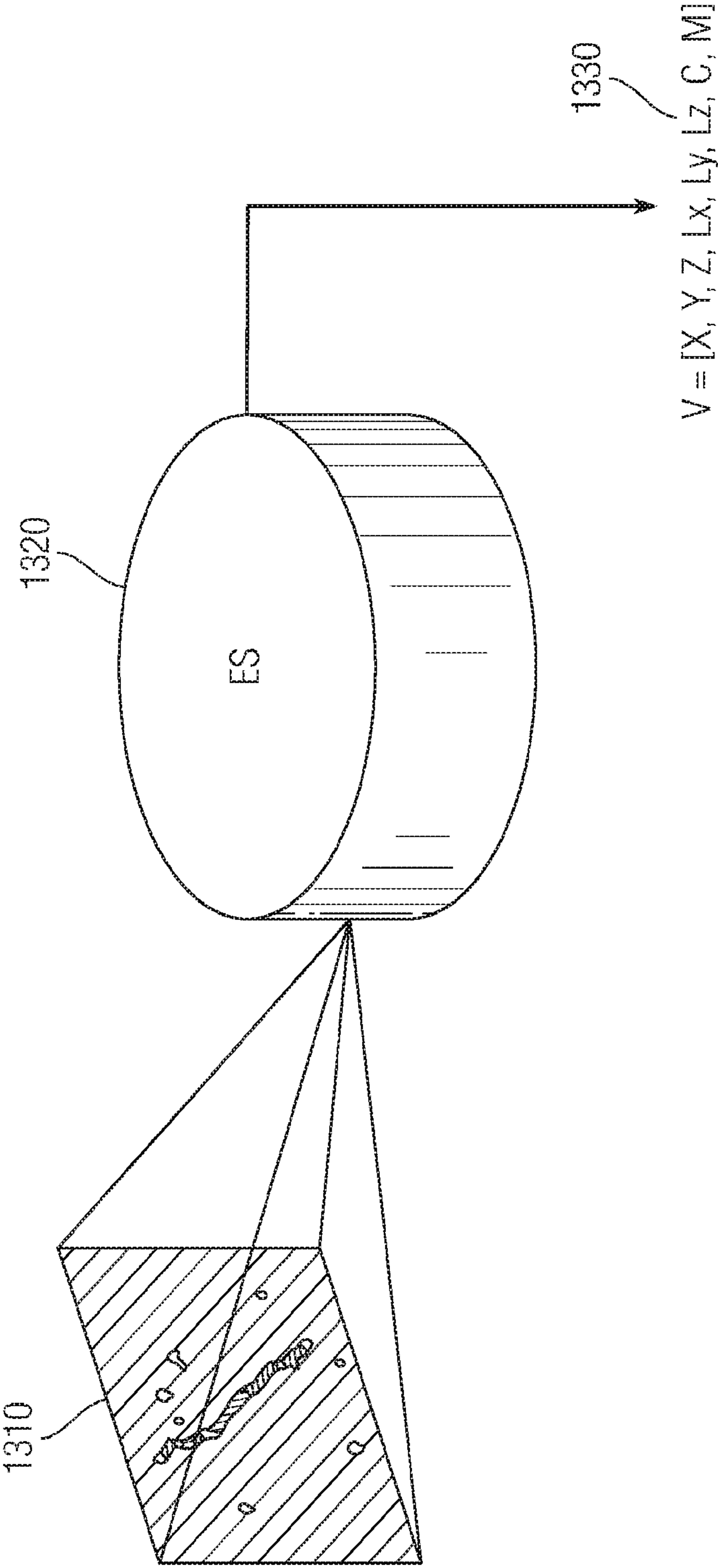


Fig. 13

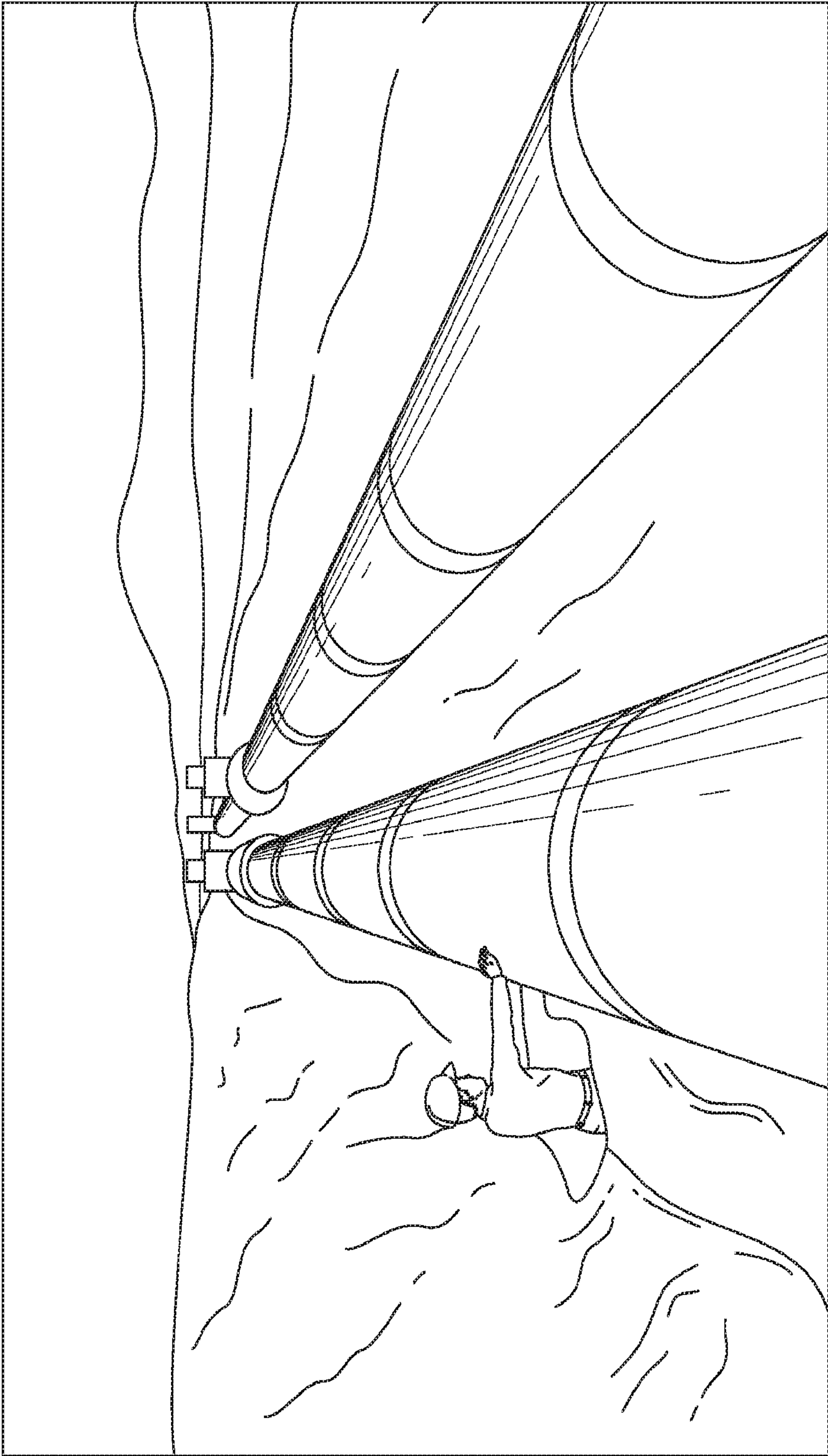


Fig. 14