

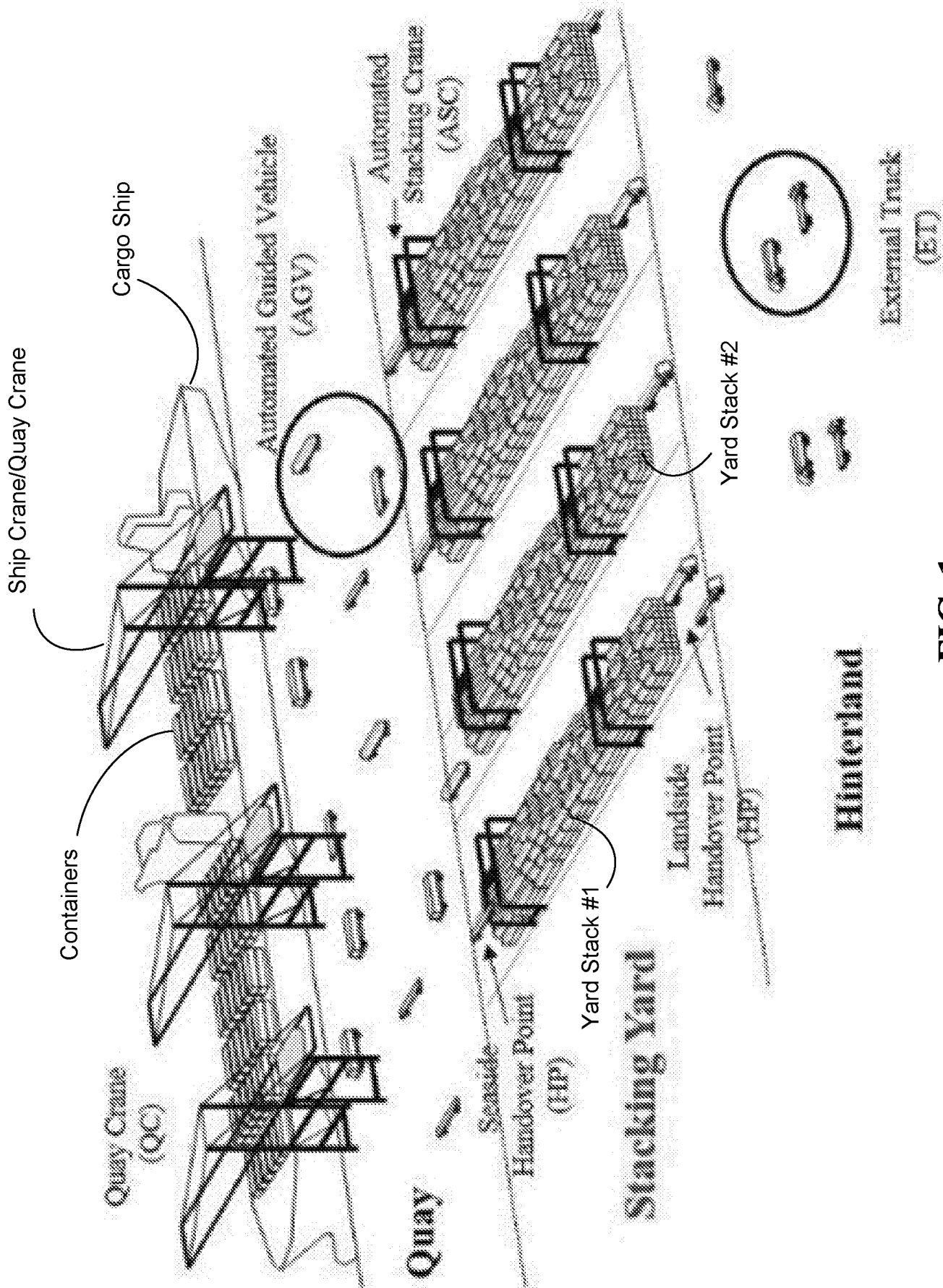


FIG. 1

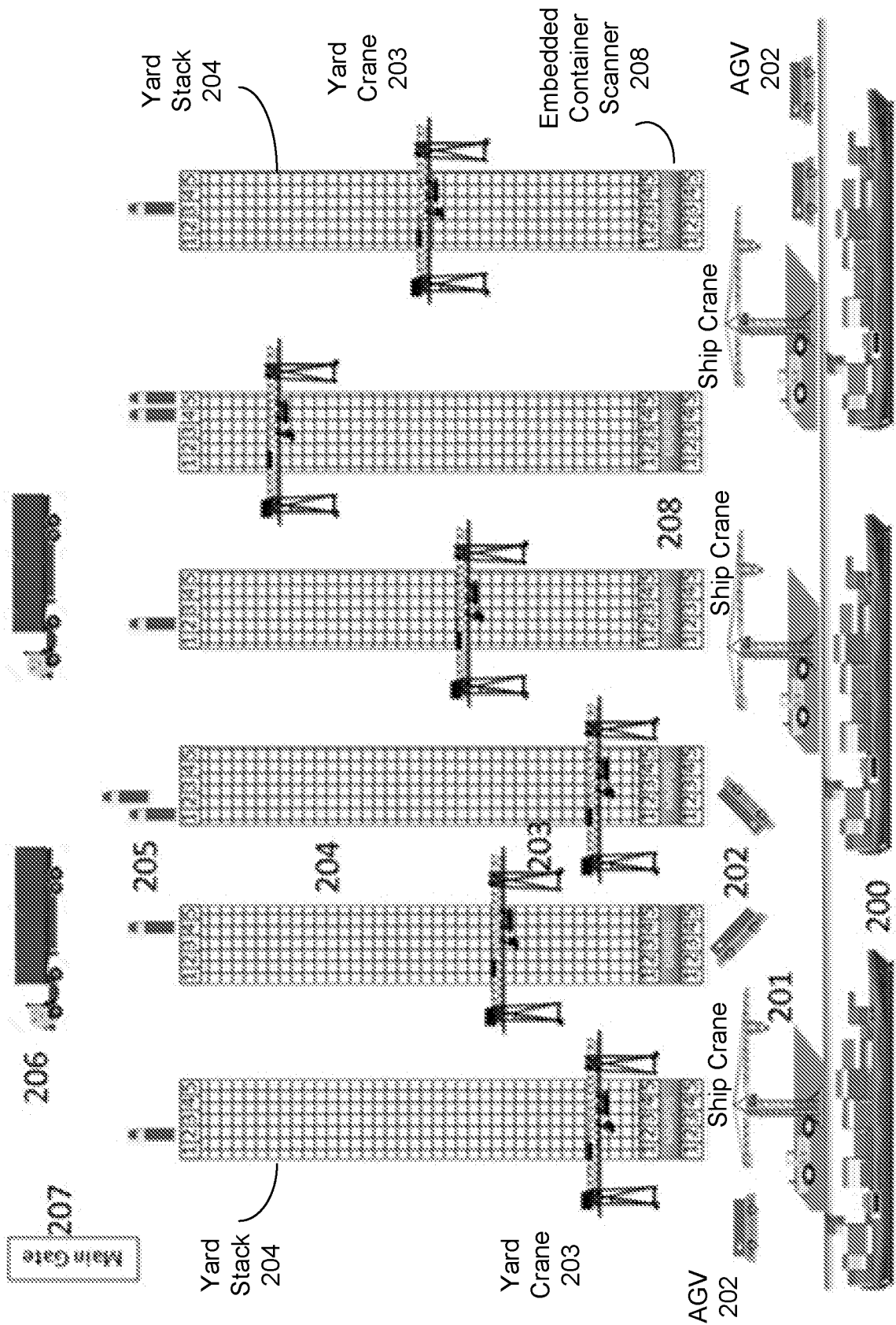


FIG. 2

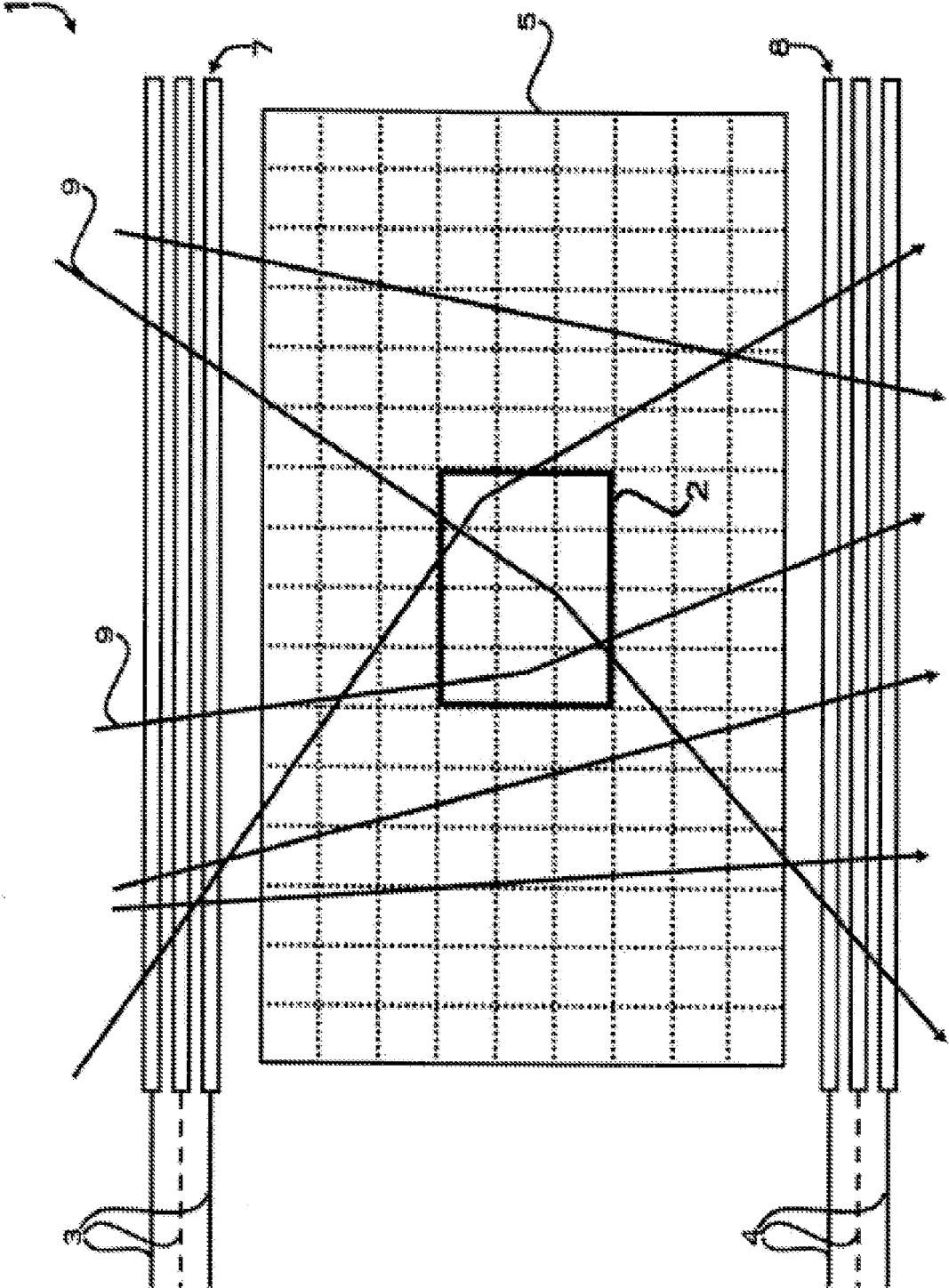


FIG. 3A

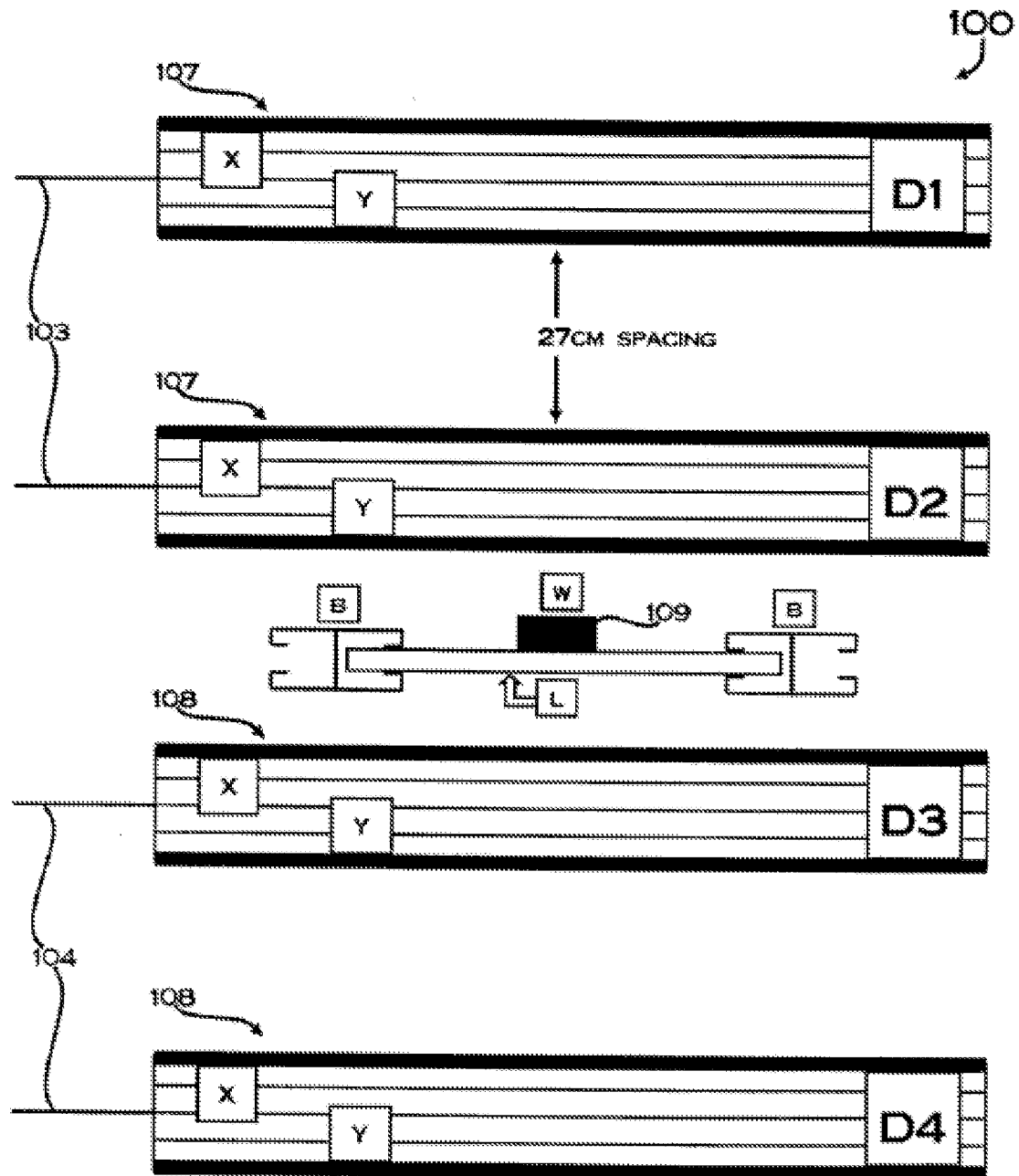


FIG. 3B

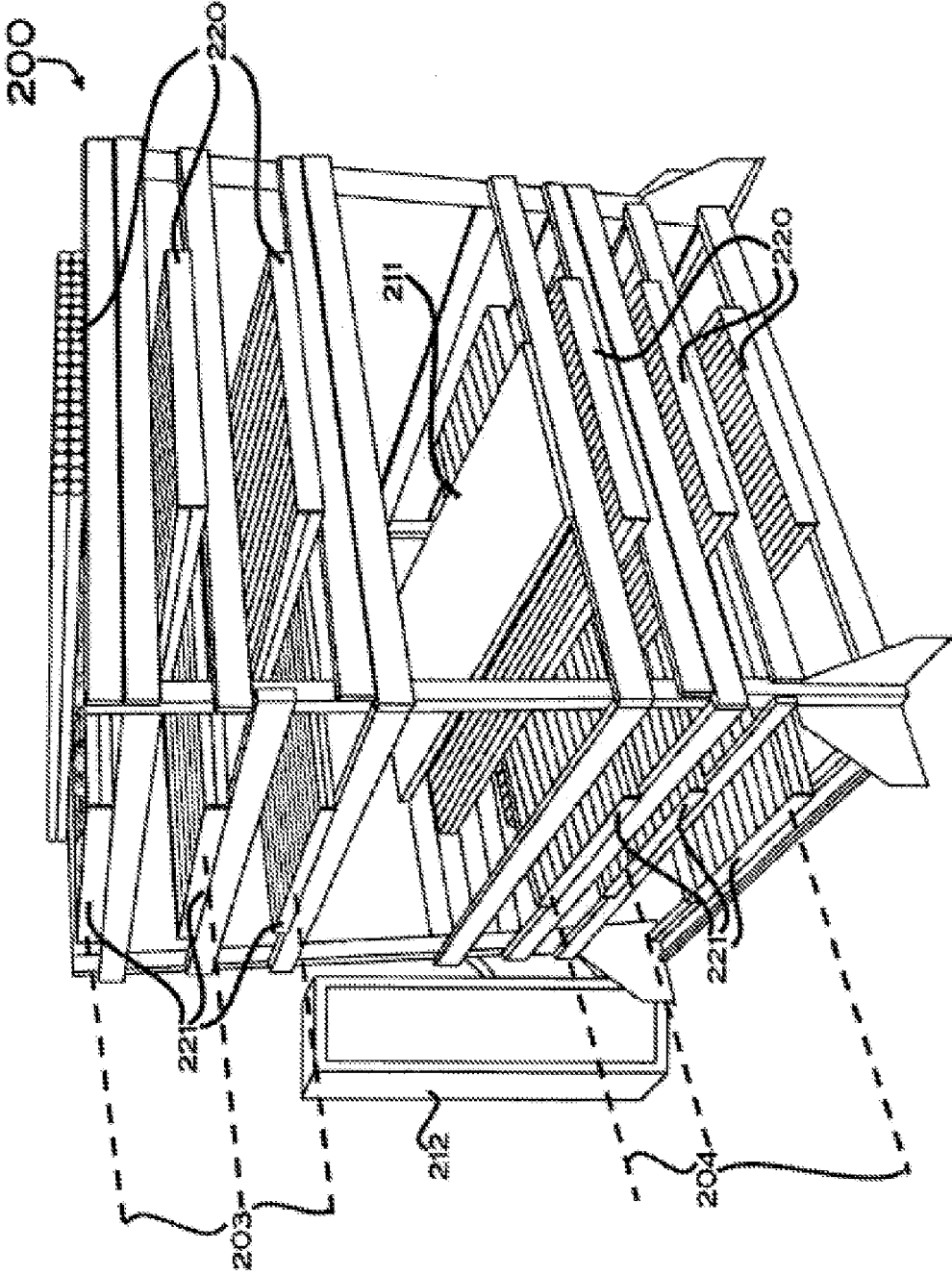


FIG. 4

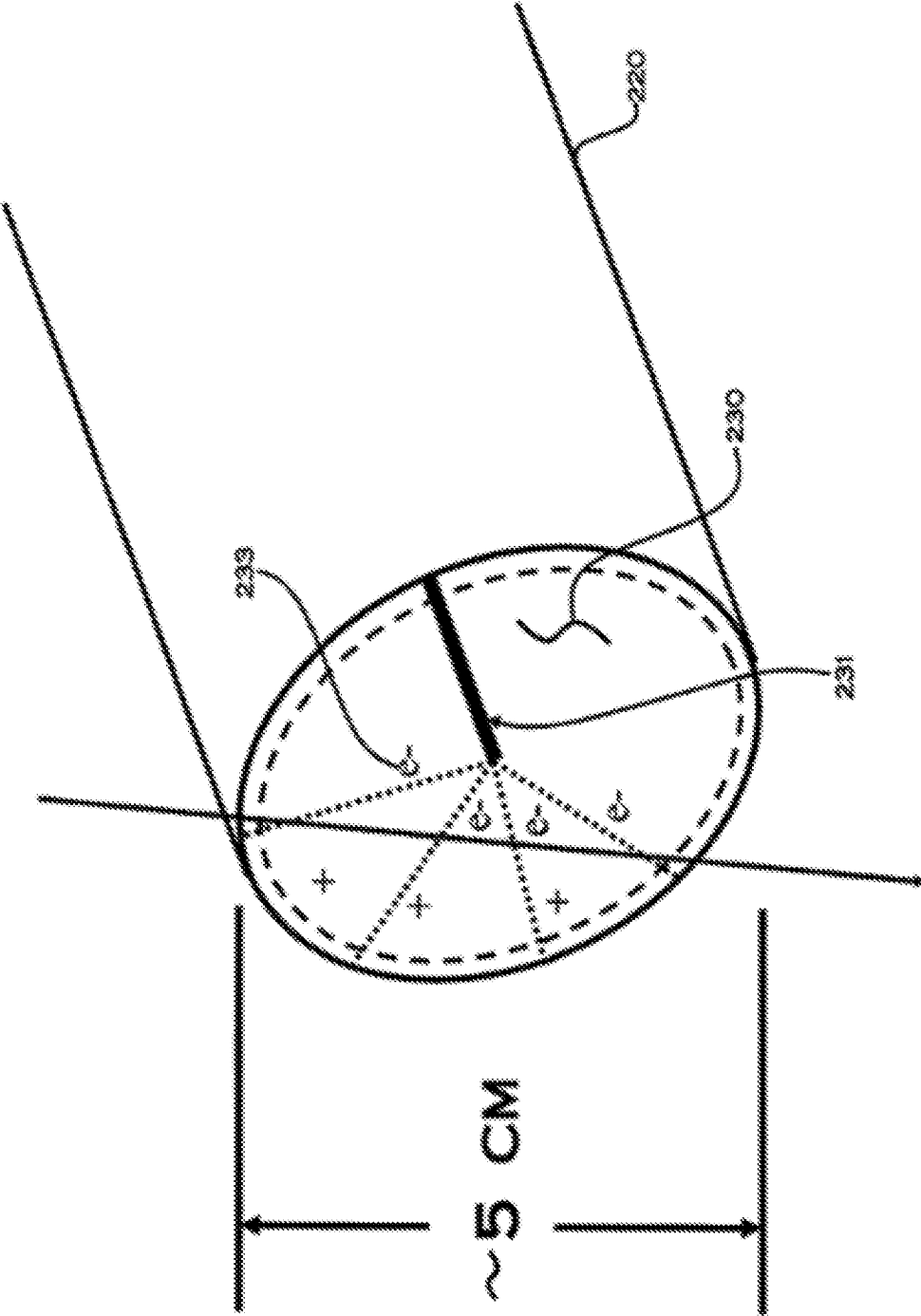


FIG. 5

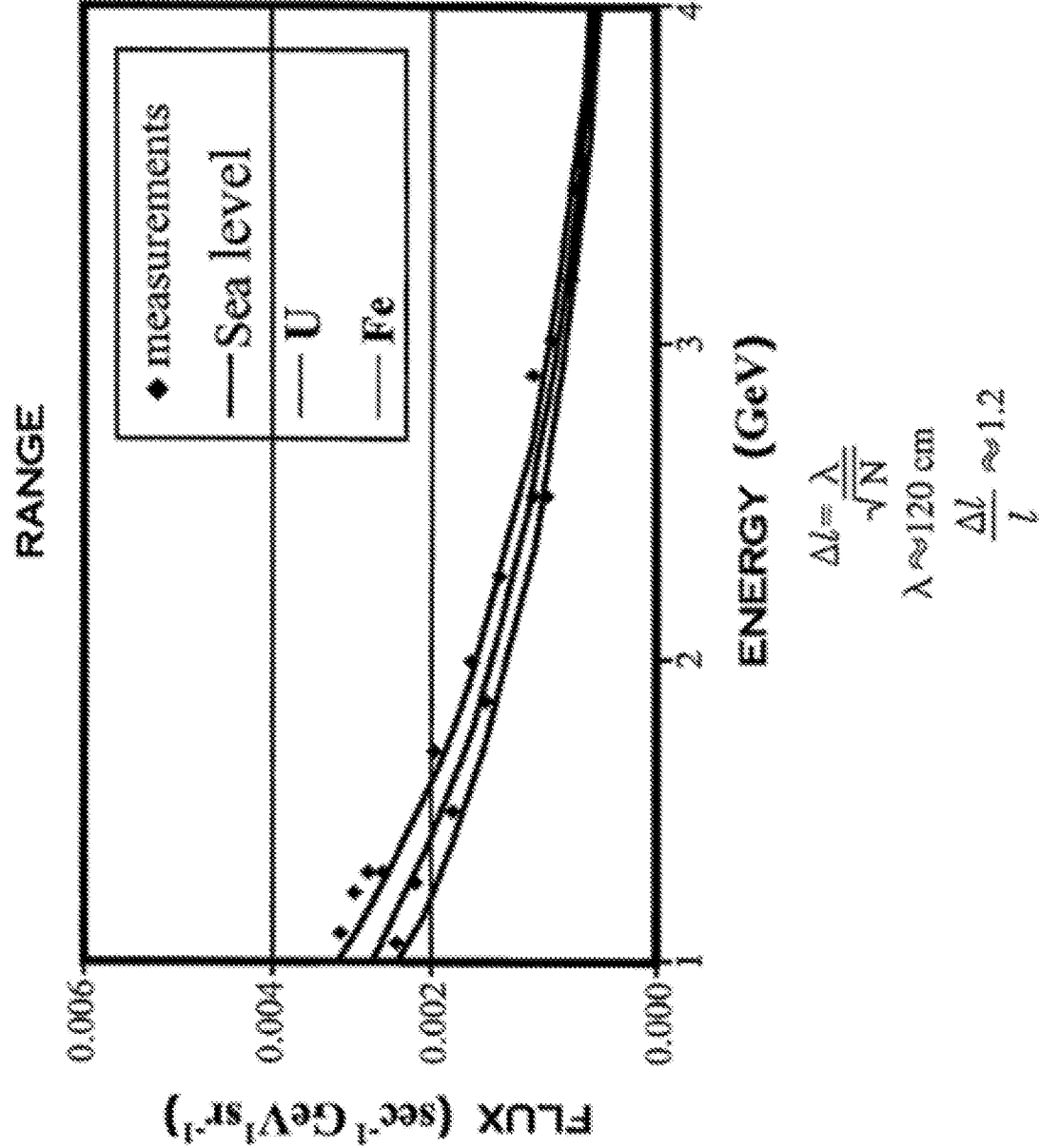
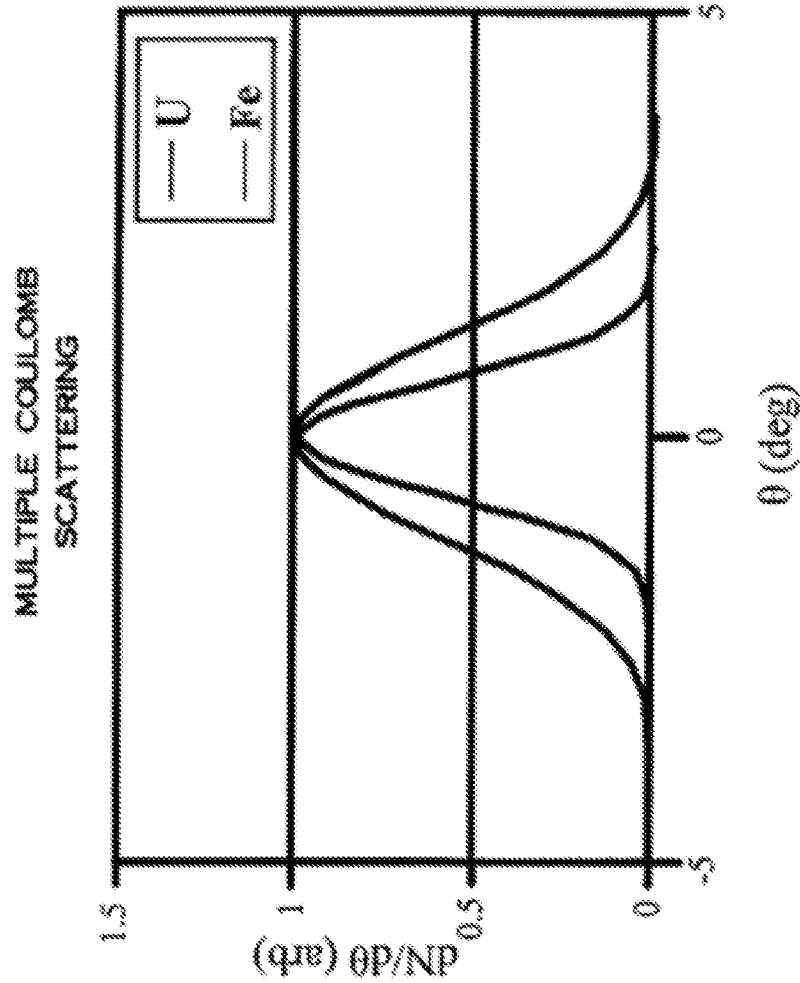


FIG. 6



$$\Delta l = \frac{2}{\sqrt{2N}}$$
$$l = 10 \text{ cm}$$
$$\frac{\Delta l}{l} = 0.14$$

FIG. 7

MATERIAL	dE/dx	χ
	MeV-cm ² /gm	CM
H ₂ O	2.06	36
Fe	1.87	1.76
Pb	1.54	0.56

FIG. 8

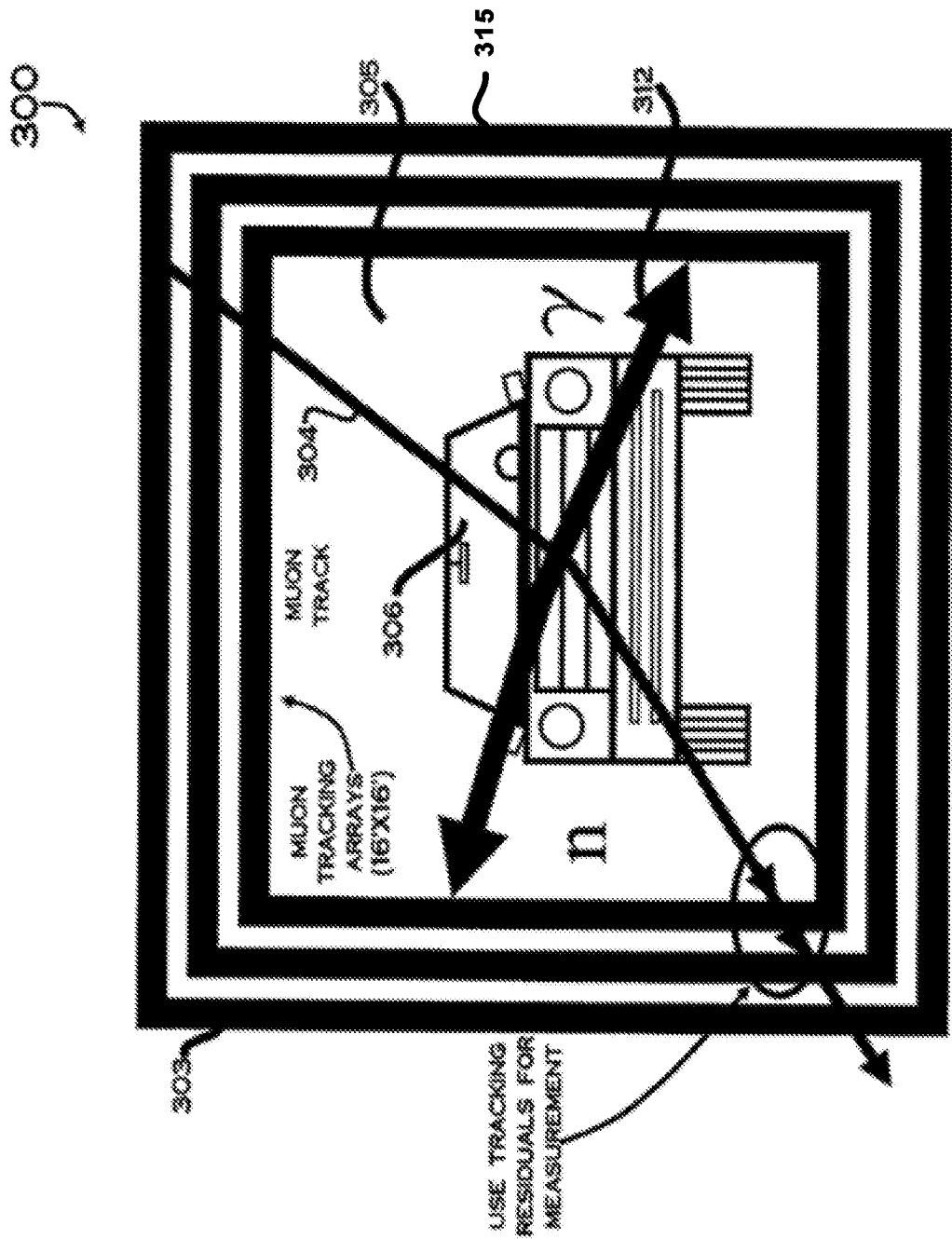


FIG. 9

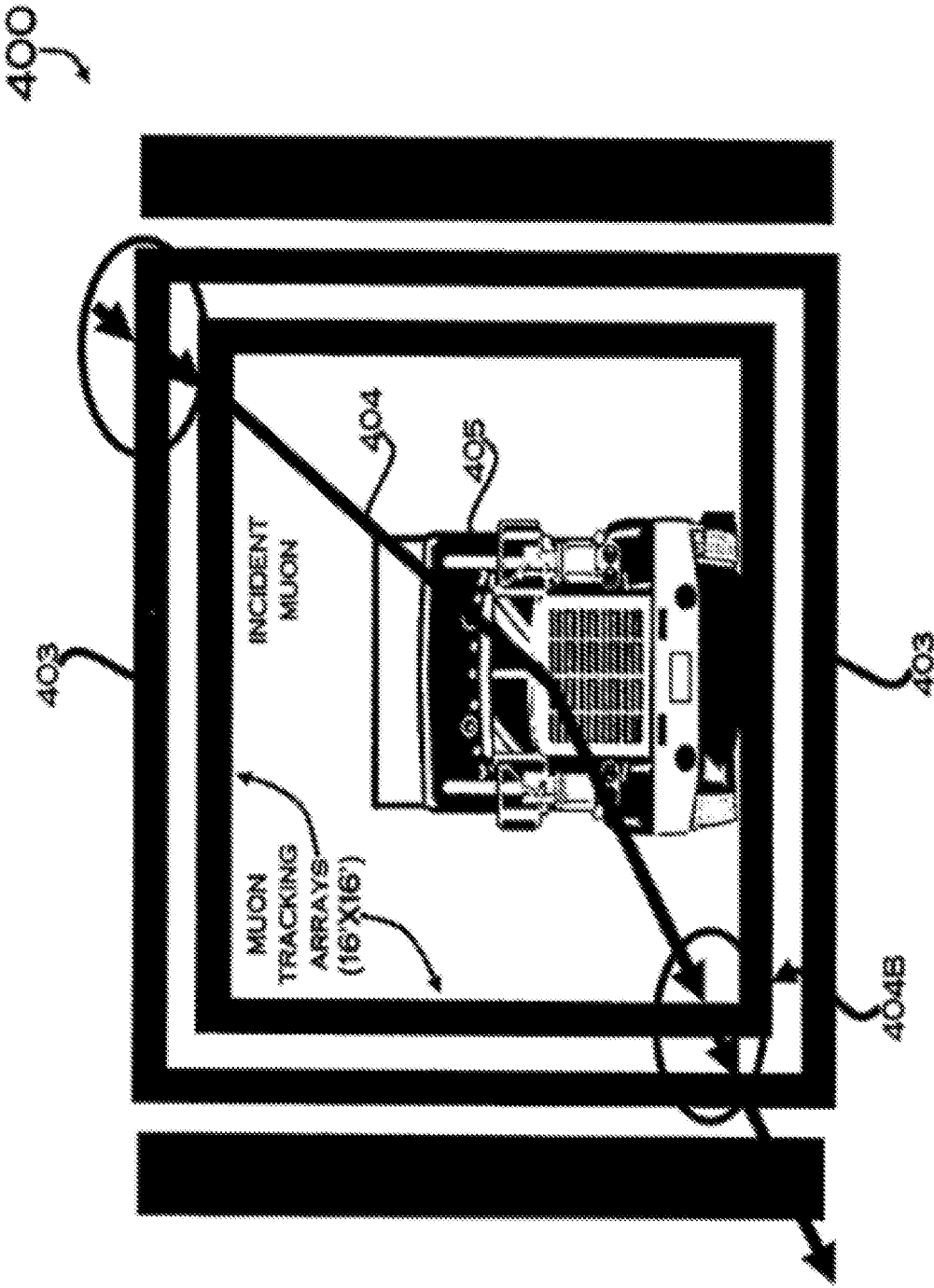
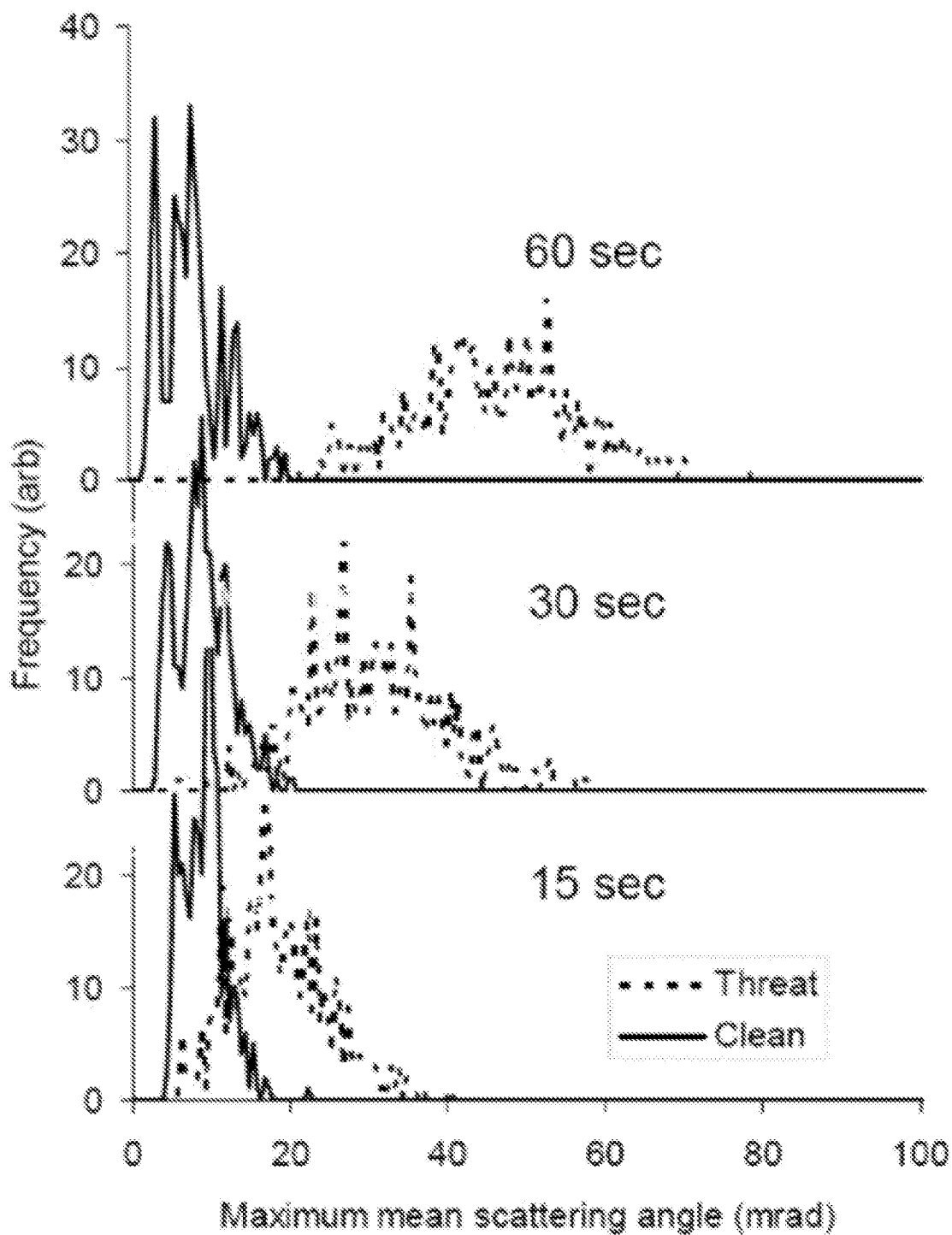


FIG. 10

**FIG. 11**

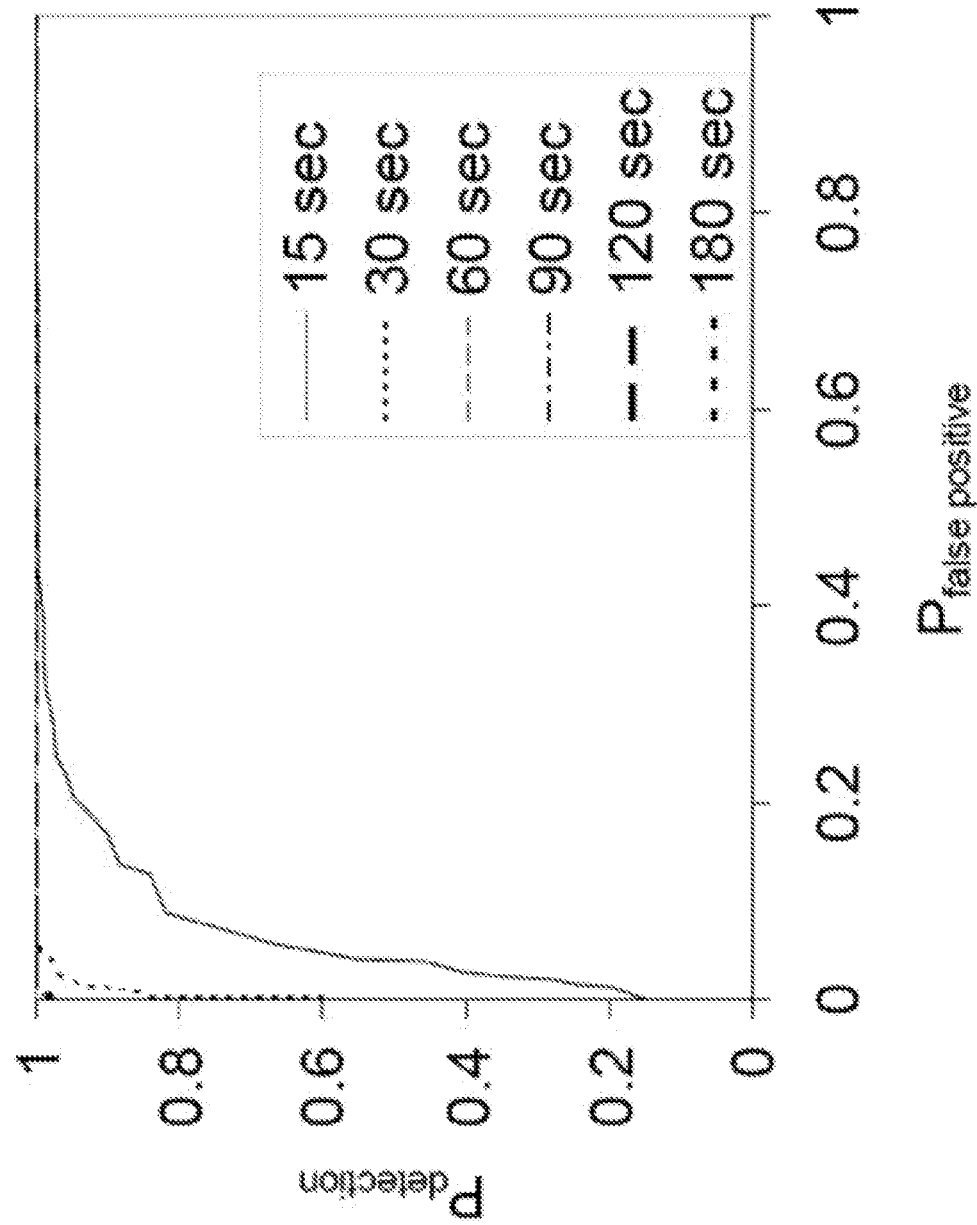


FIG. 12

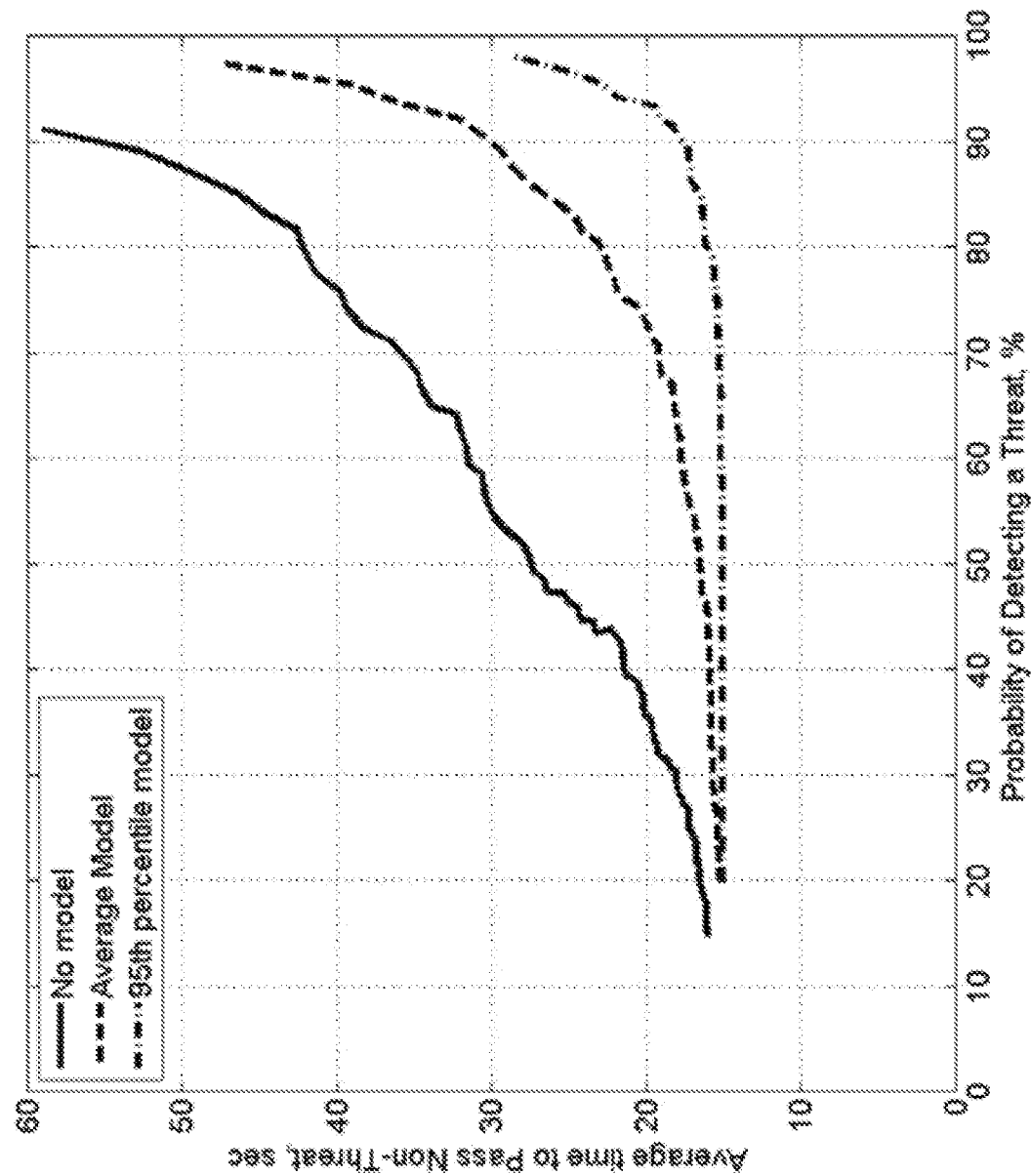


FIG. 13

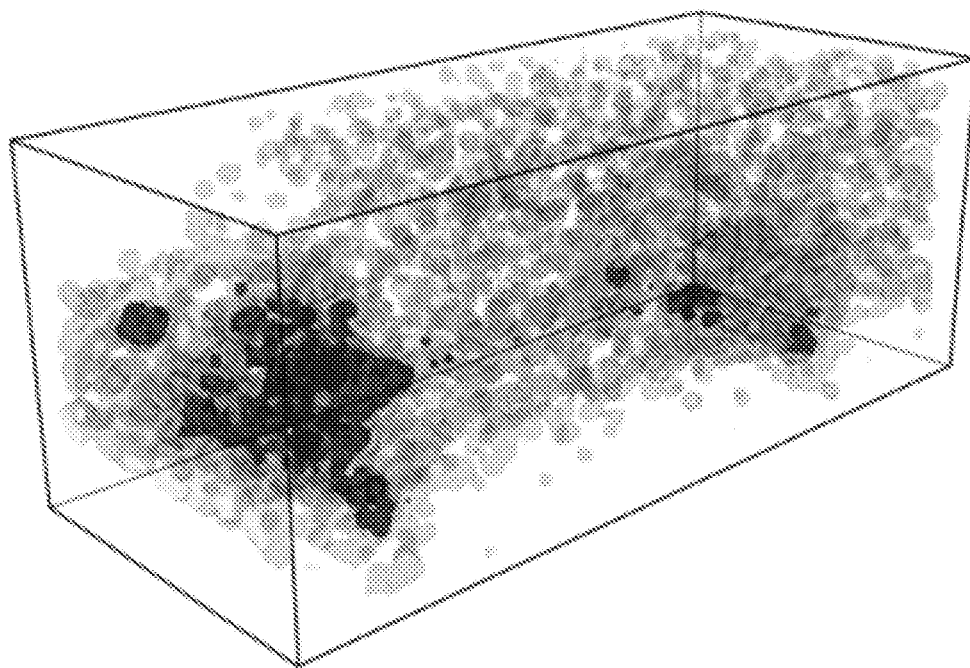


FIG. 14A

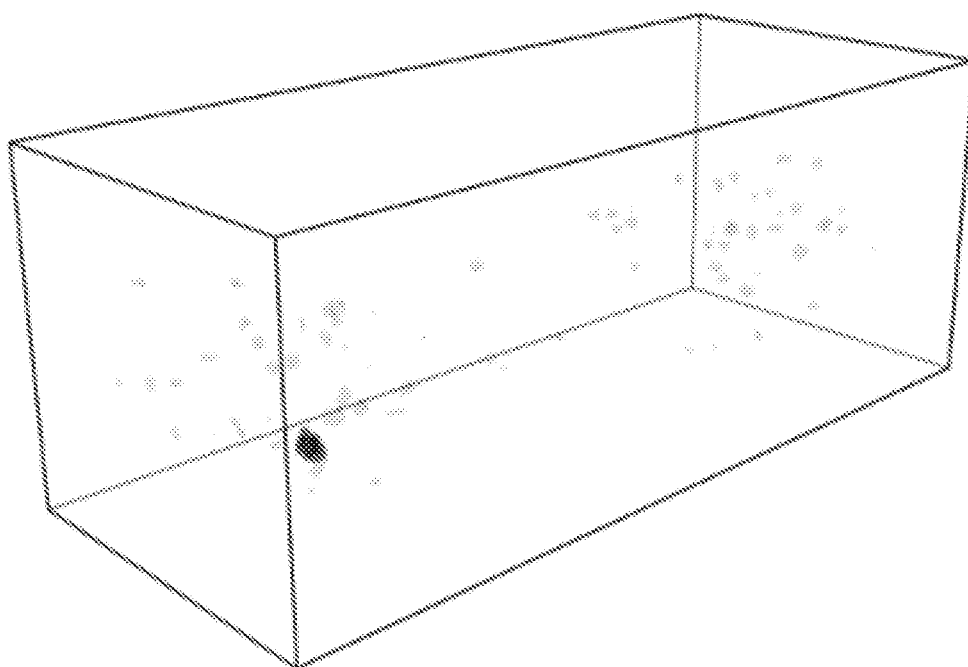
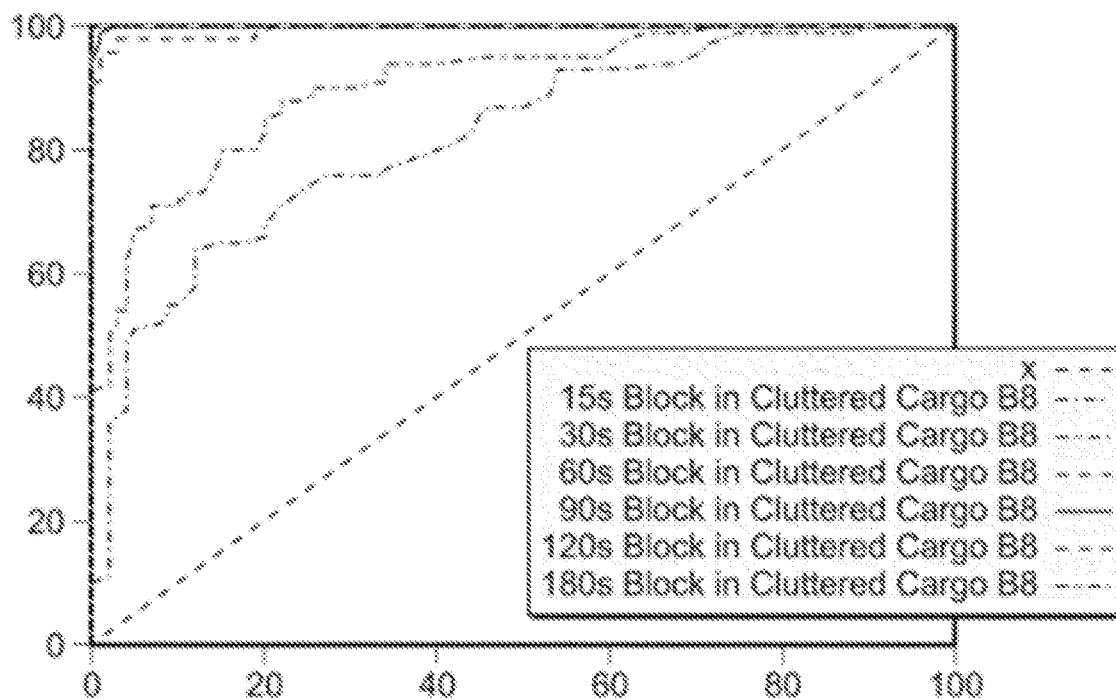
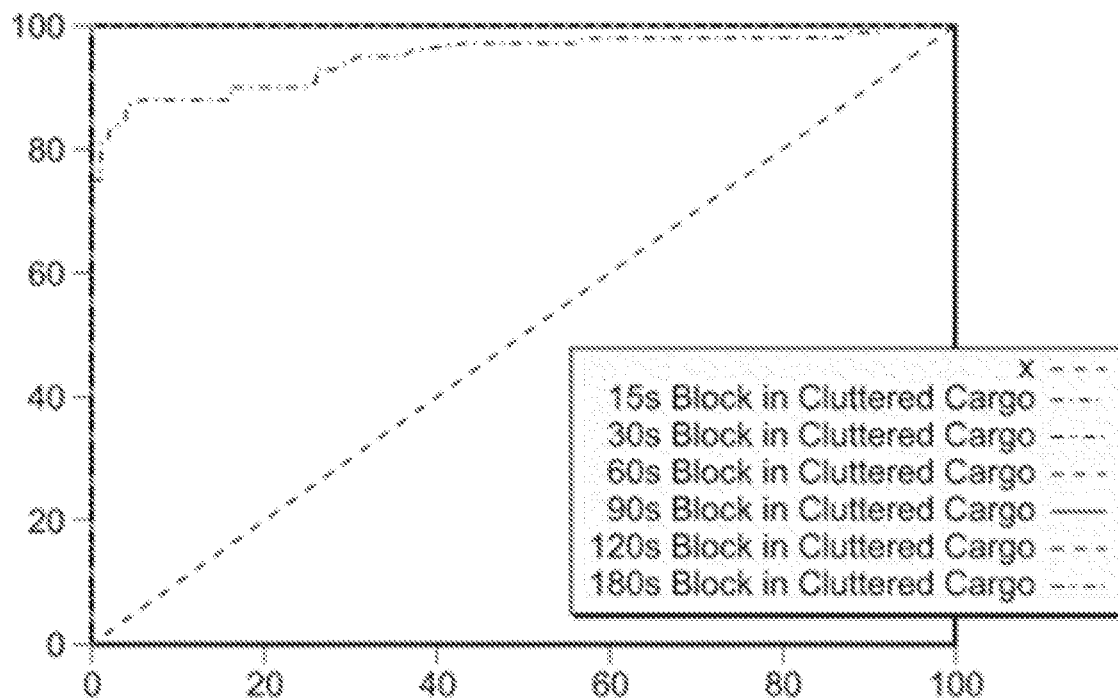


FIG. 14B

**FIG. 15A****FIG. 15B**

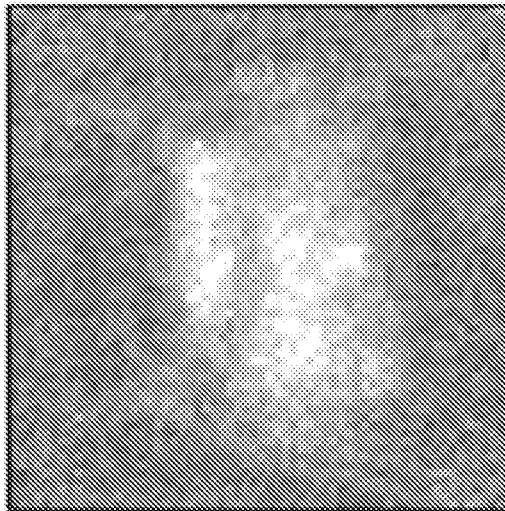


FIG. 16A

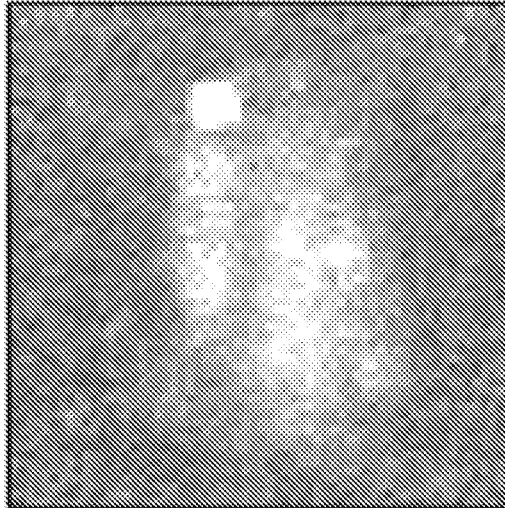


FIG. 16B

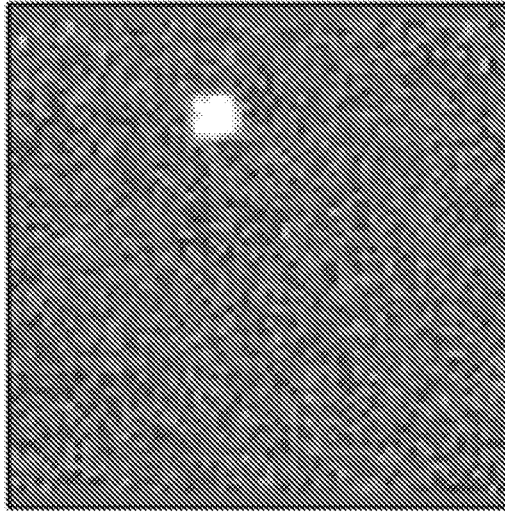


FIG. 16C

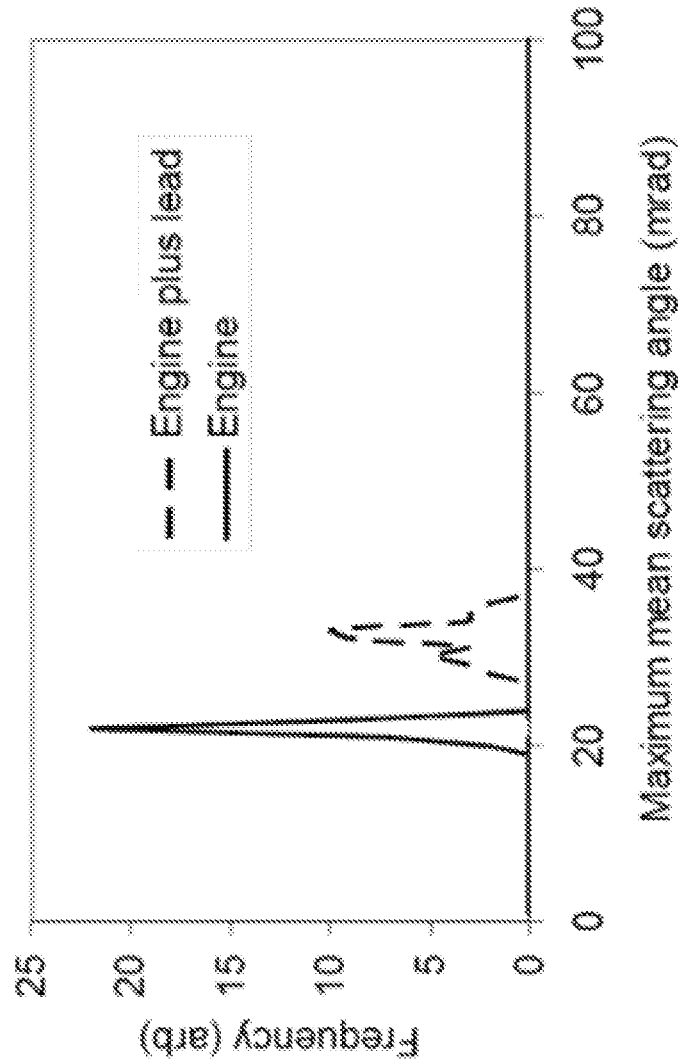


FIG. 17

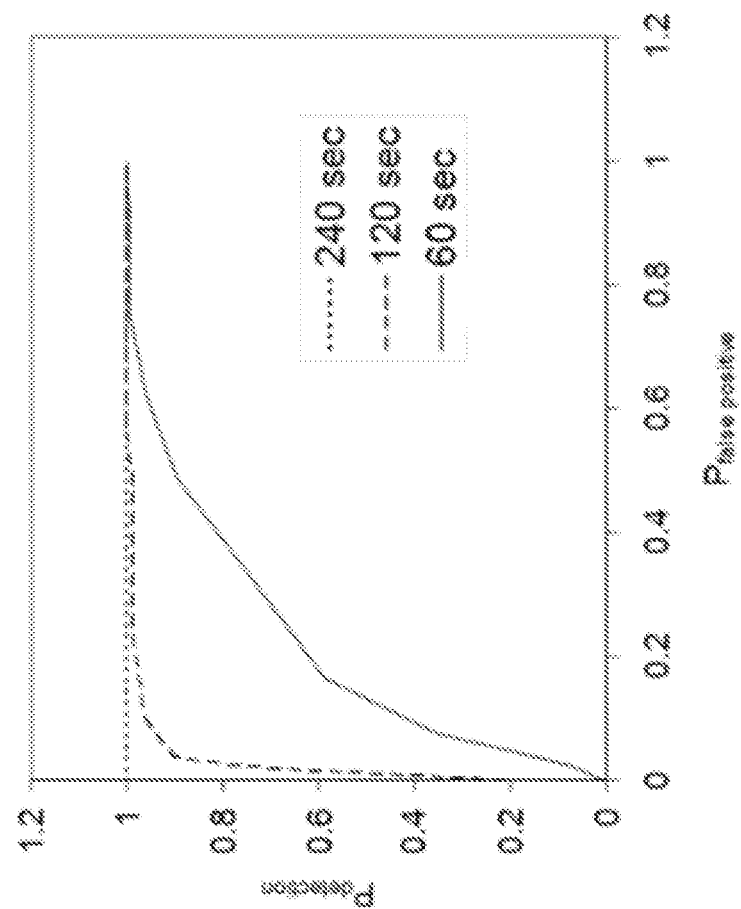


FIG. 18

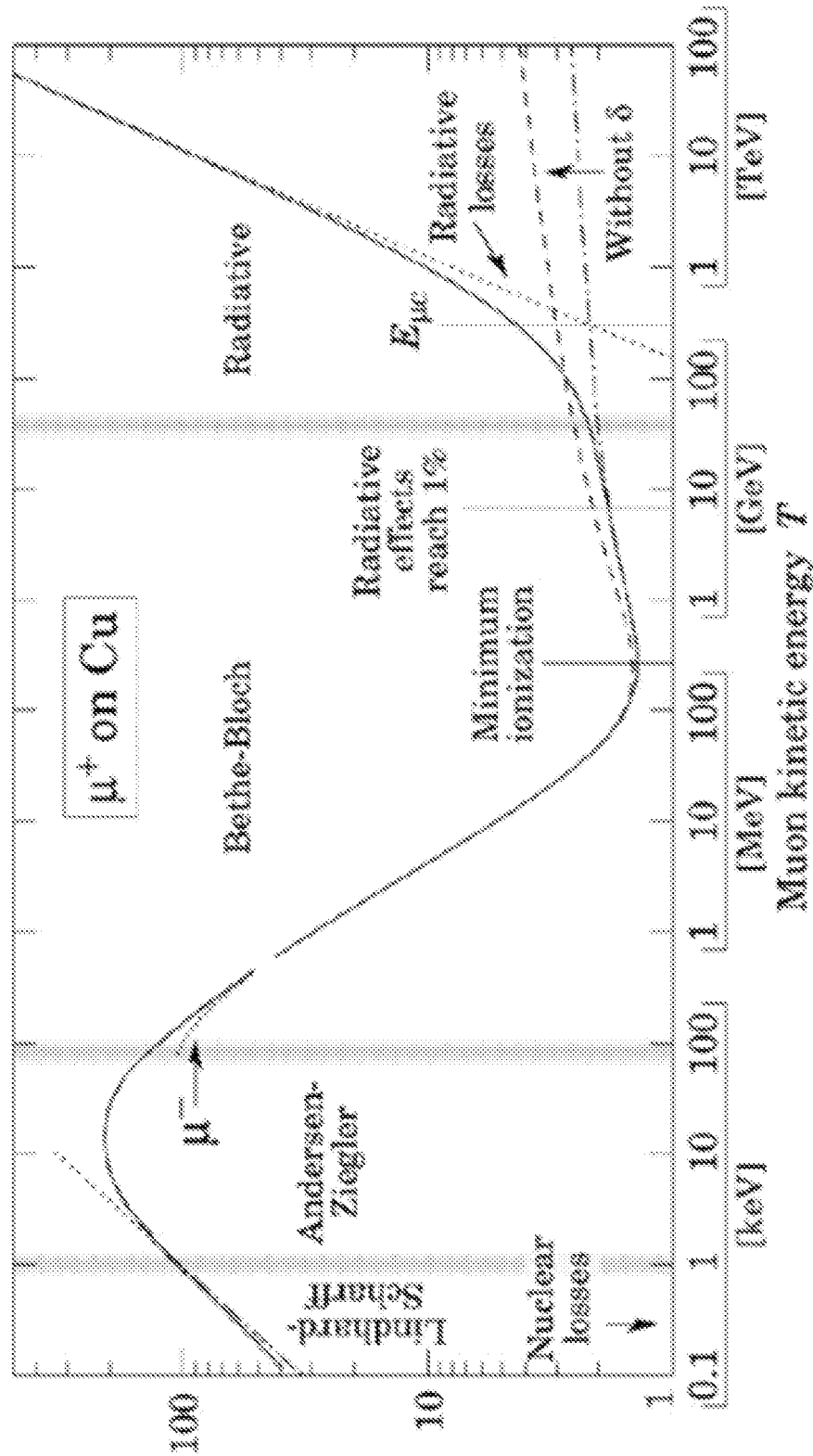


FIG. 19

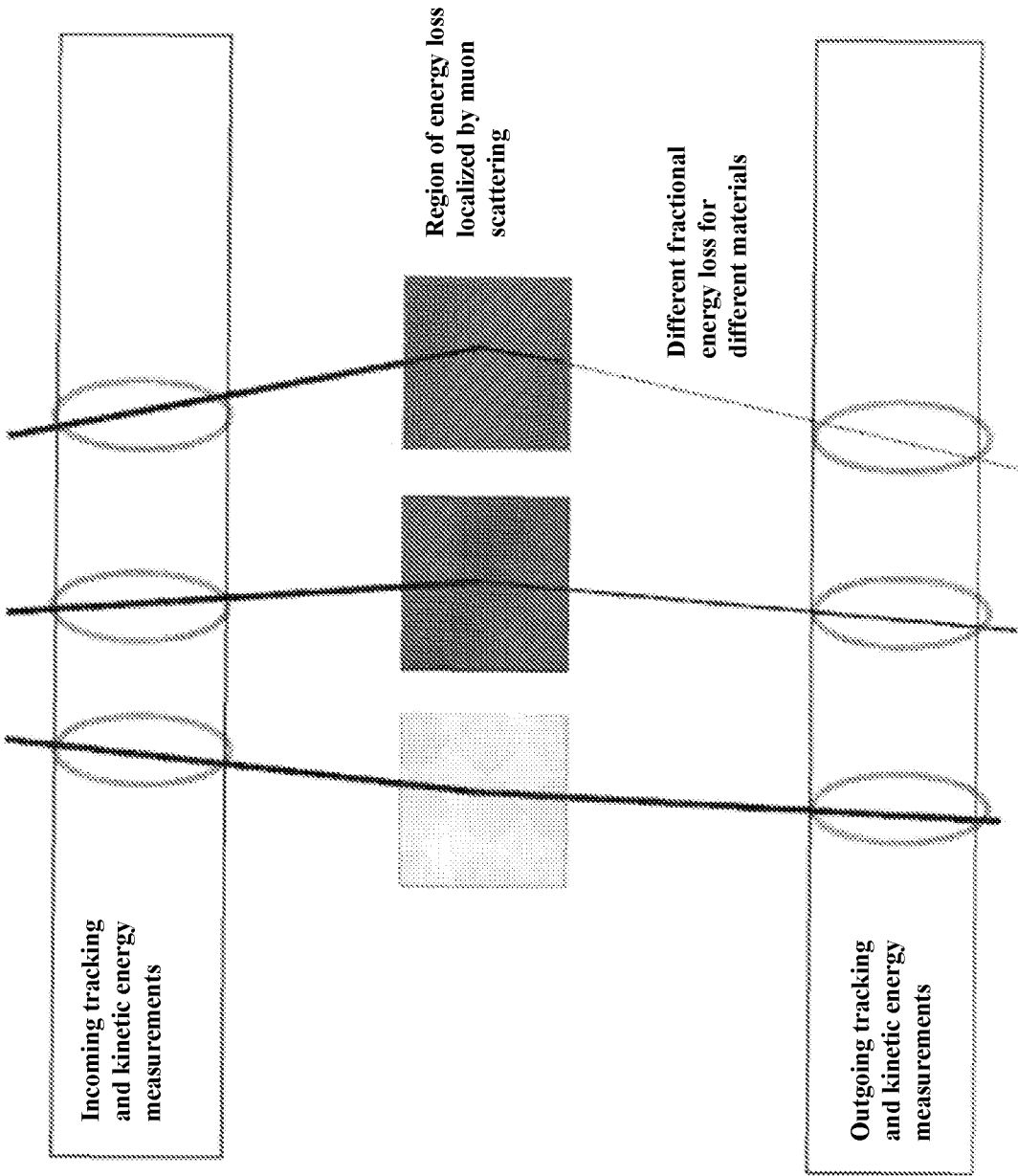


FIG. 20

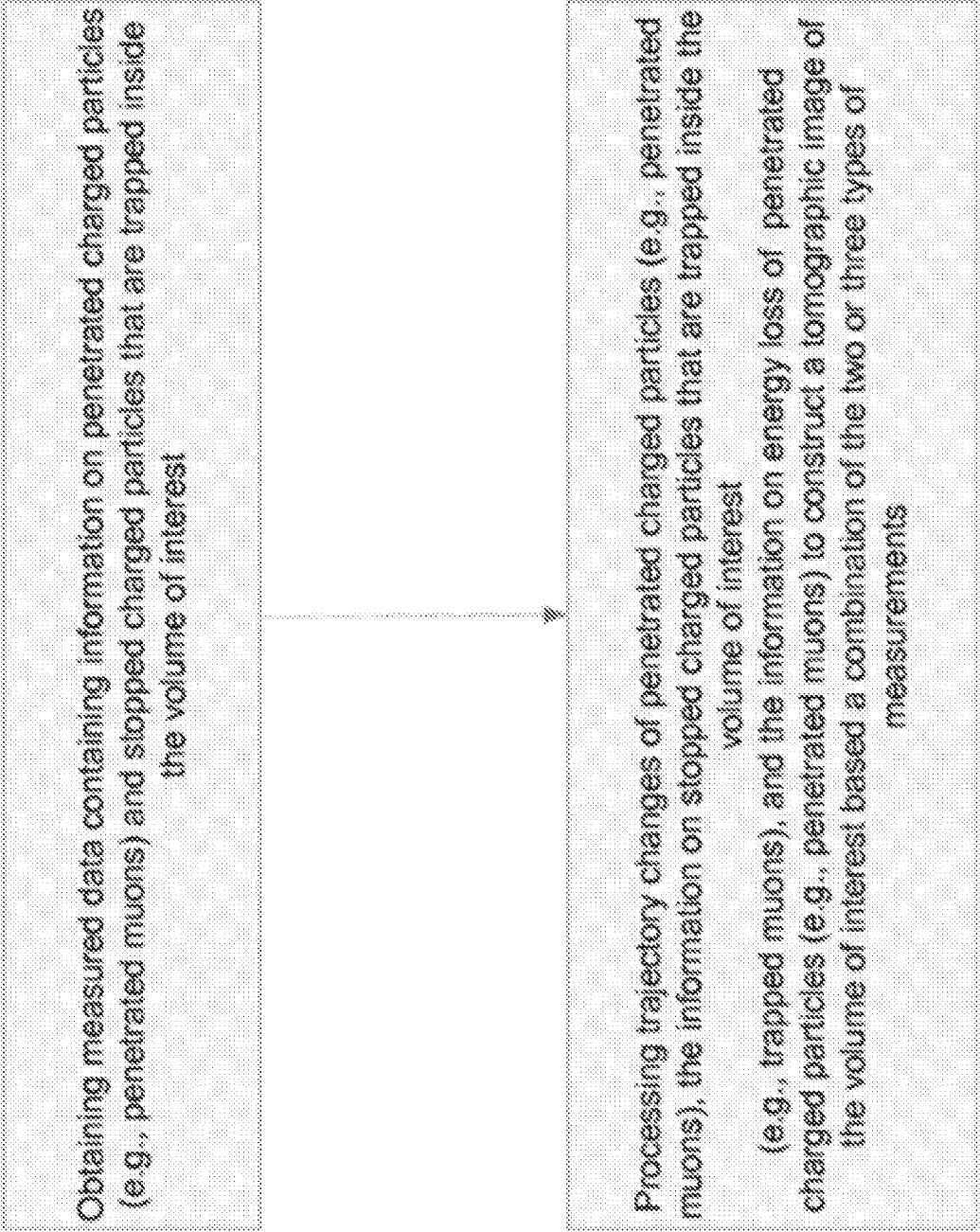
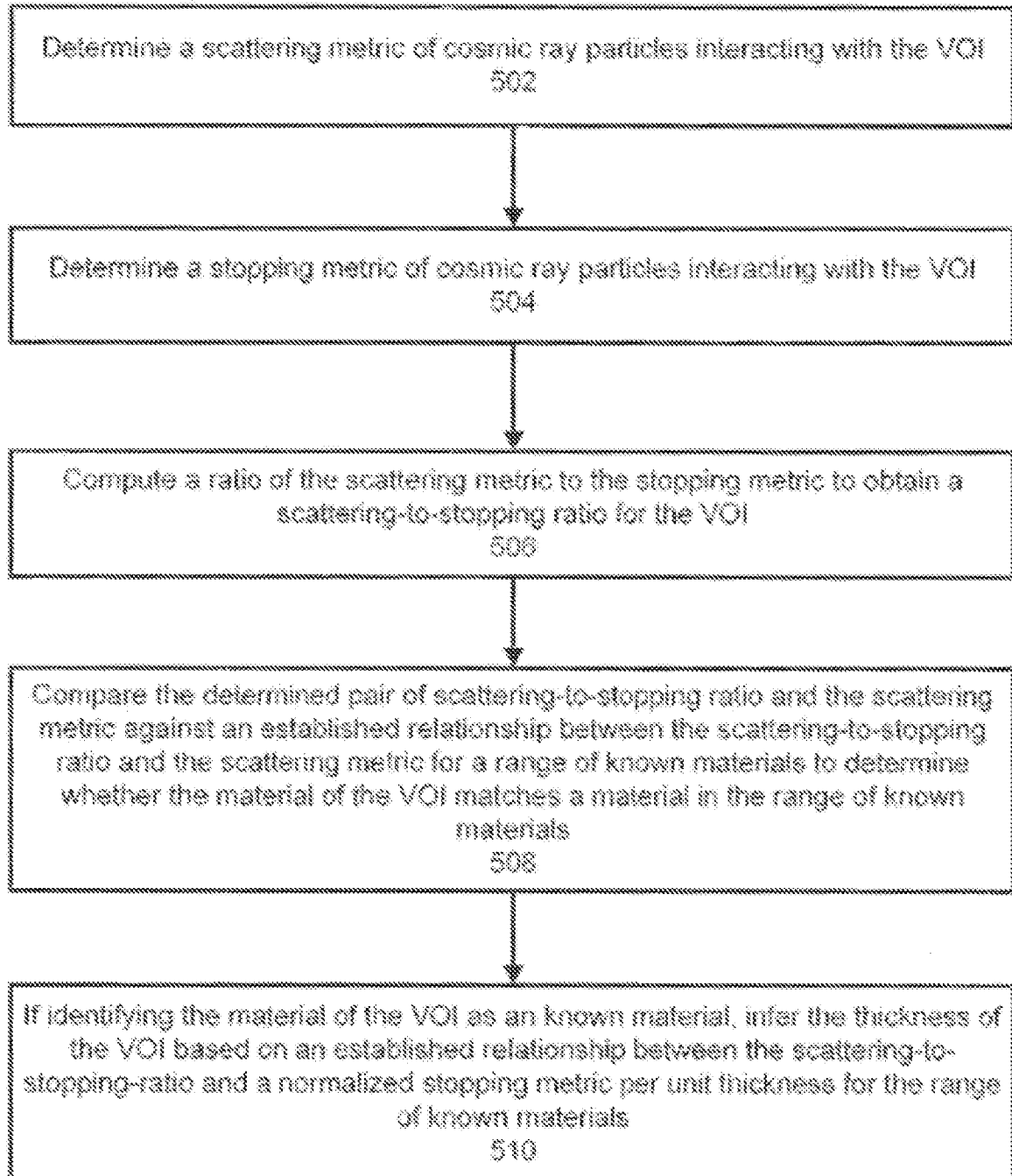


FIG. 21

**FIG. 22**