

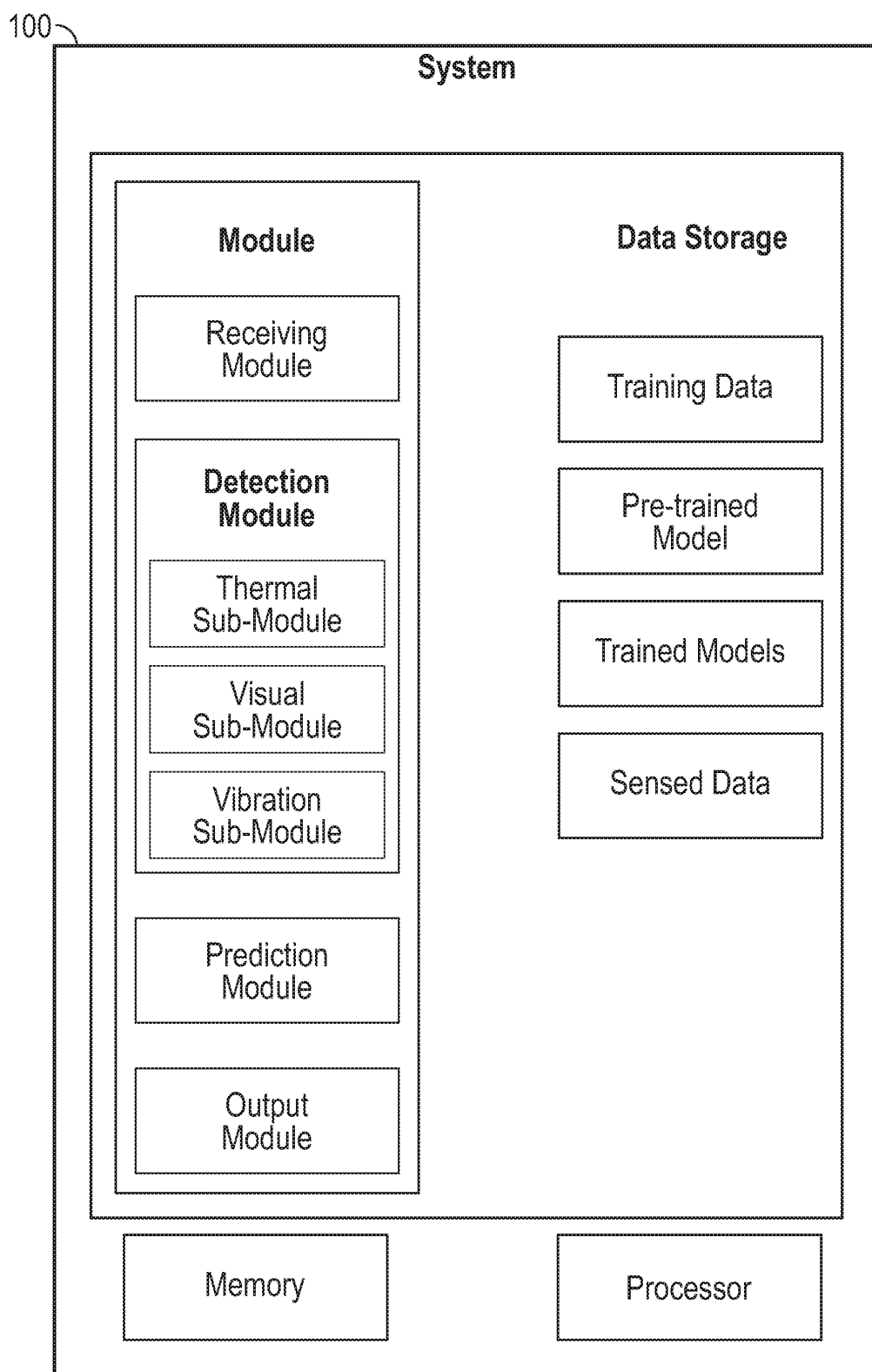


FIG. 1

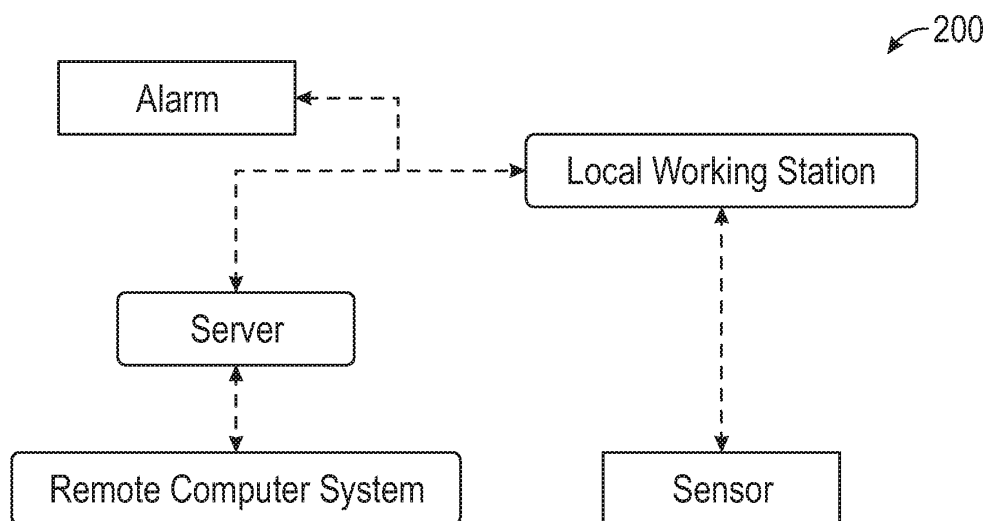


FIG. 2

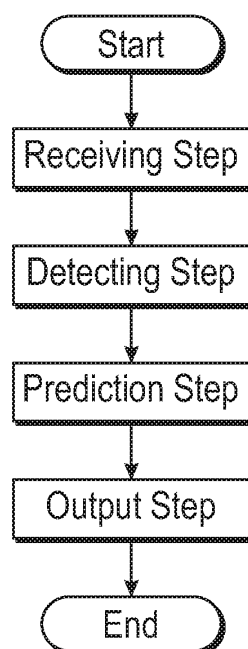


FIG. 3

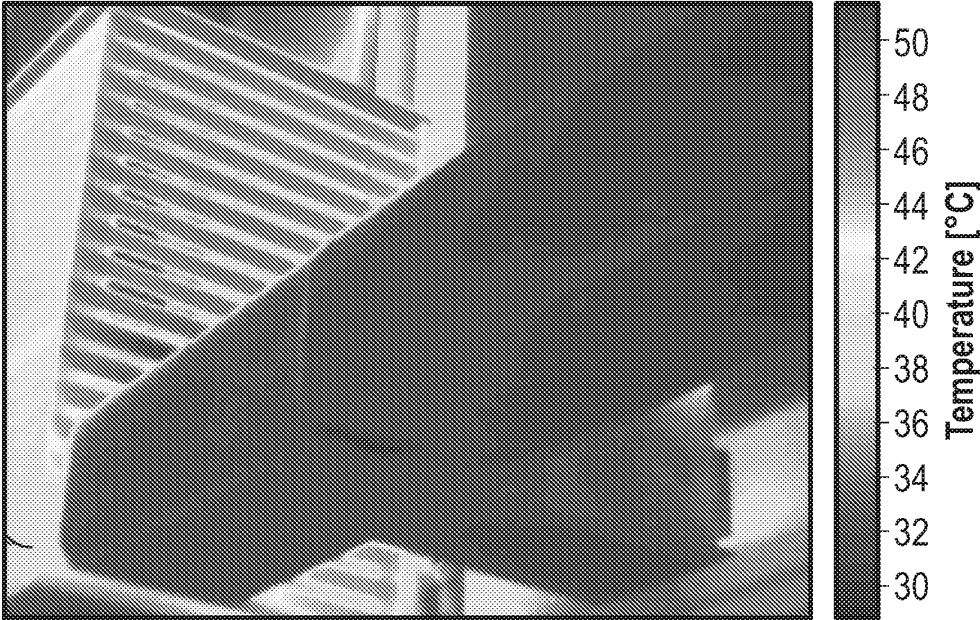


FIG. 4A

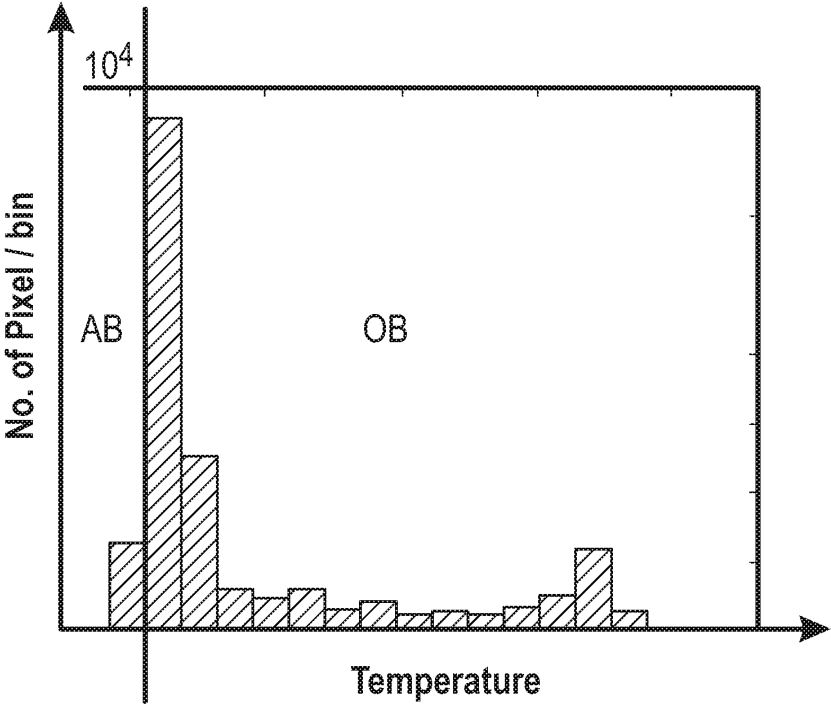


FIG. 4B

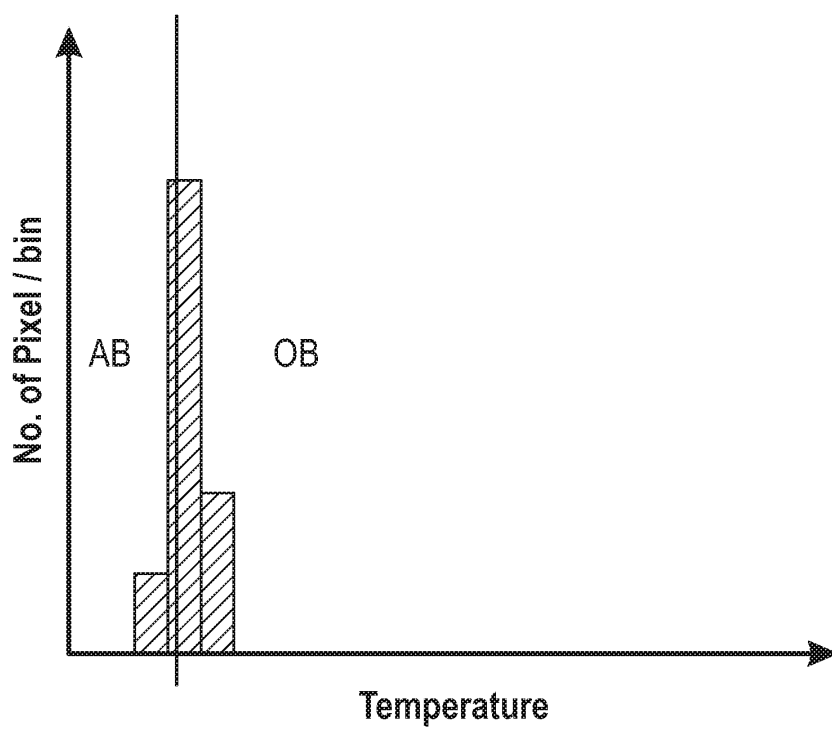


FIG. 5A

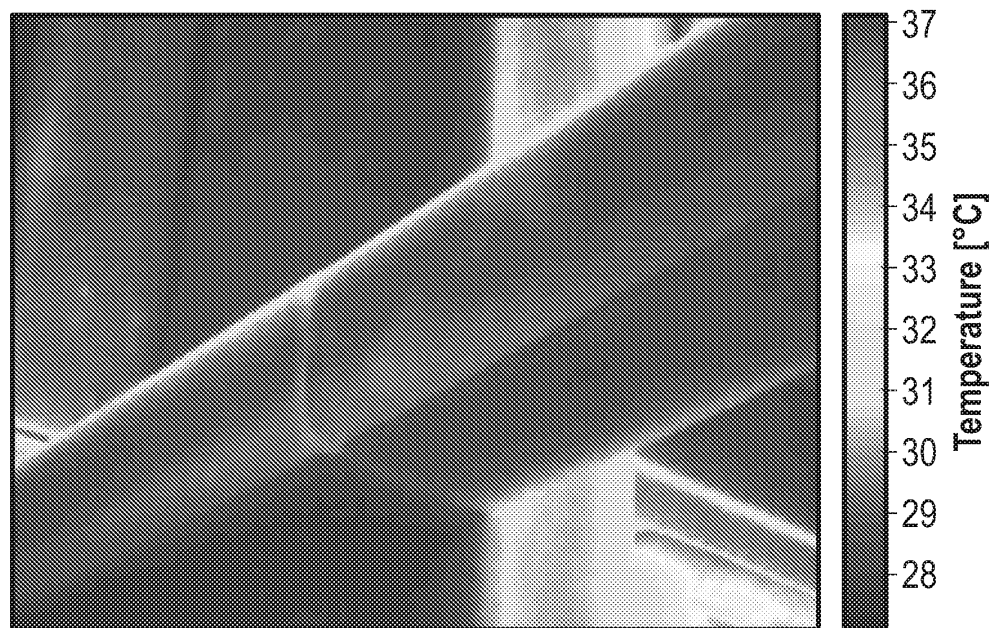


FIG. 5B

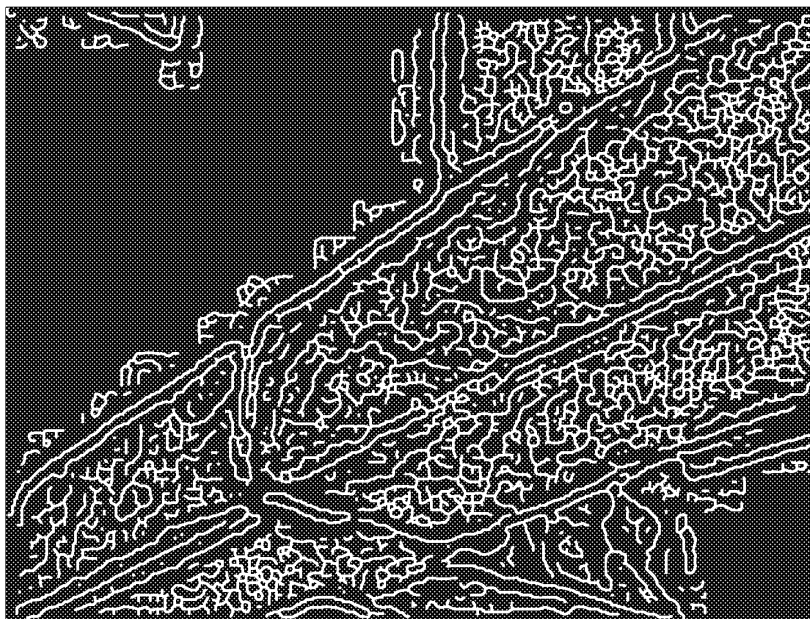


FIG. 6A



FIG. 6B

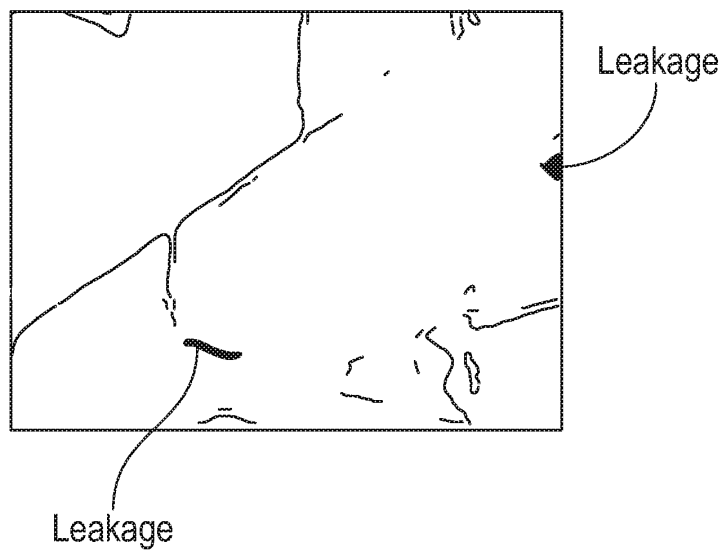


FIG. 7

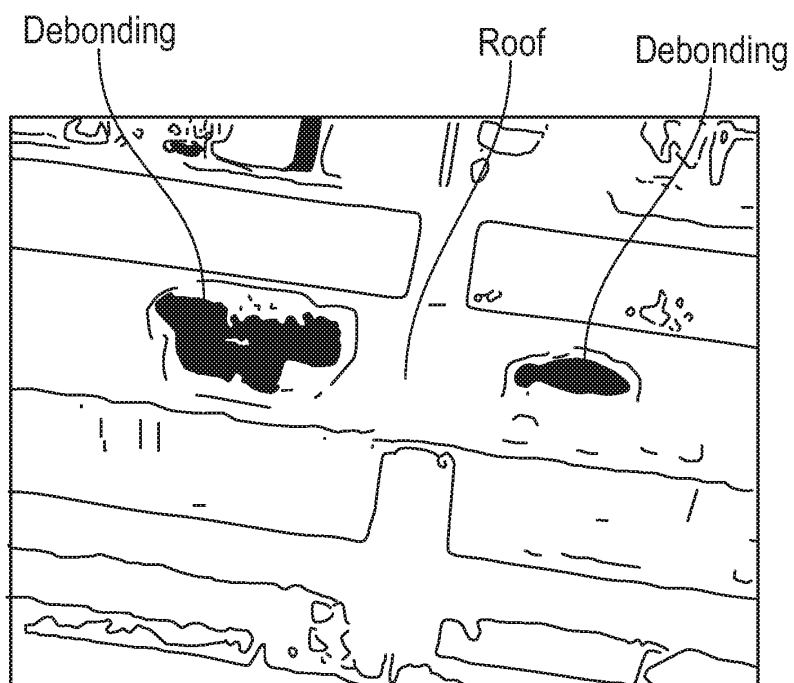


FIG. 8

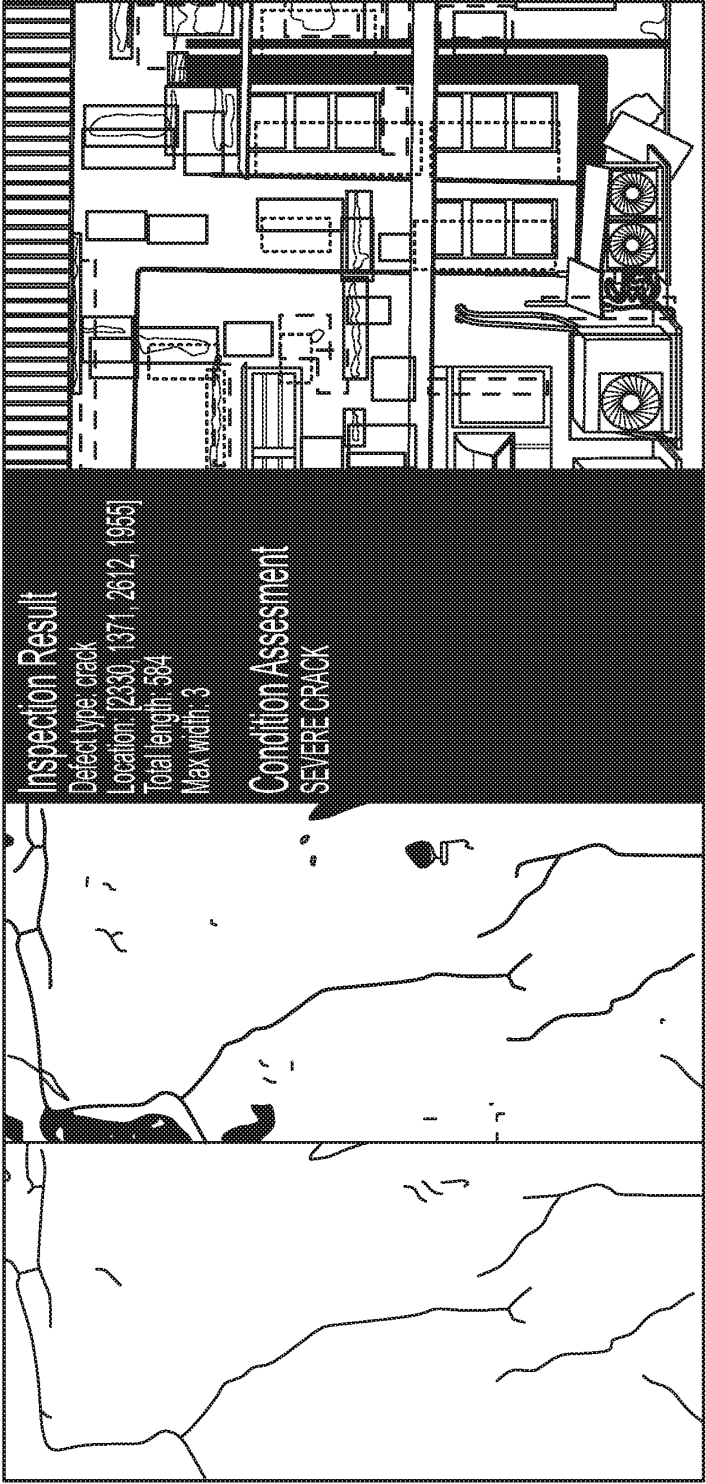


FIG. 9

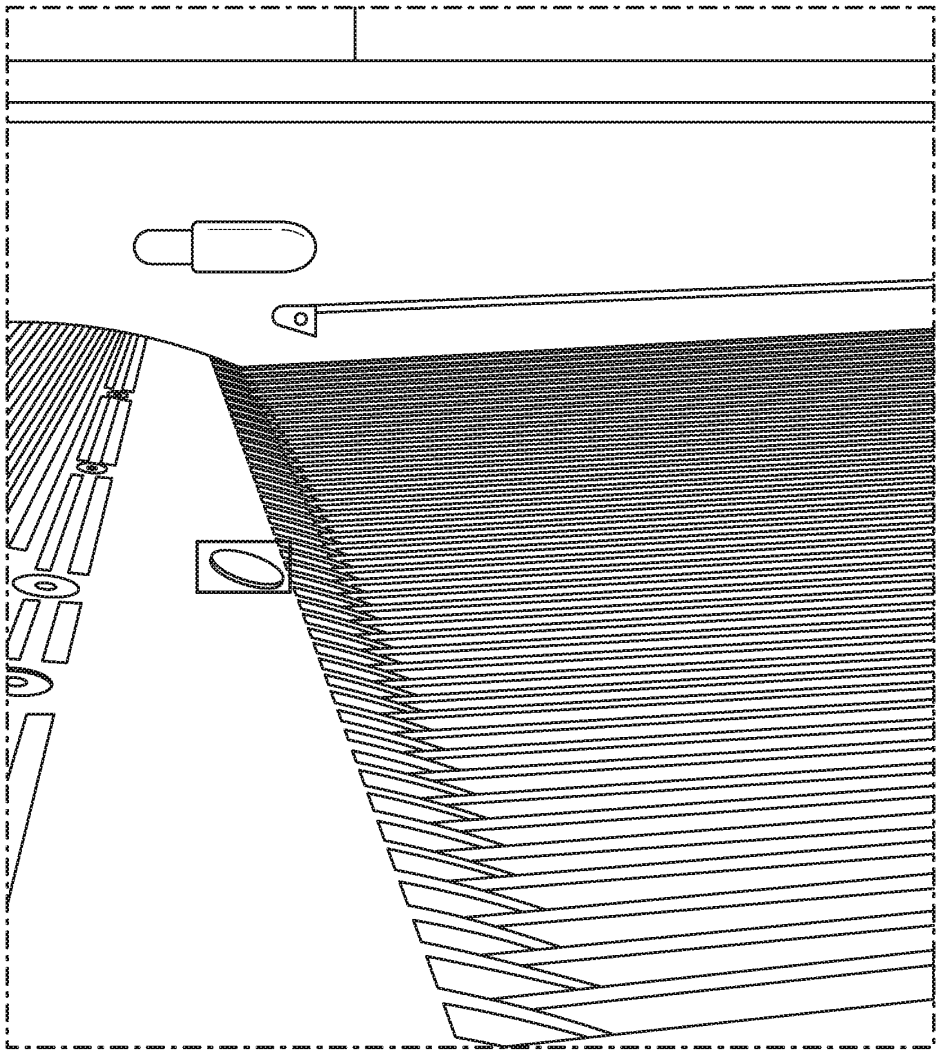
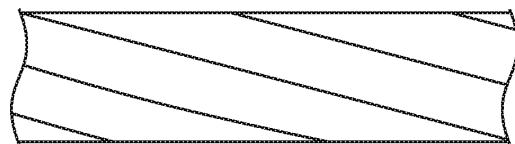
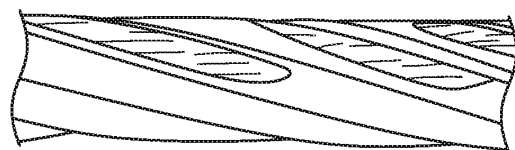


FIG. 10



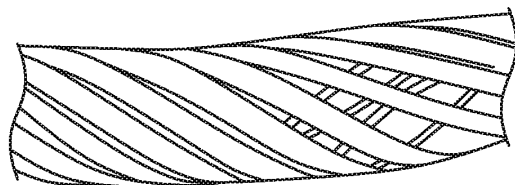
Normal Wear



Abrasive Wear



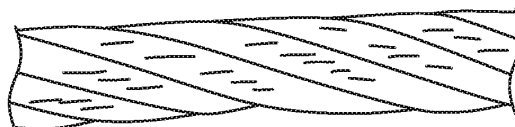
Mechanical Damage



Rotational Damage



Heat Damage



Bending Fatigue

FIG. 11

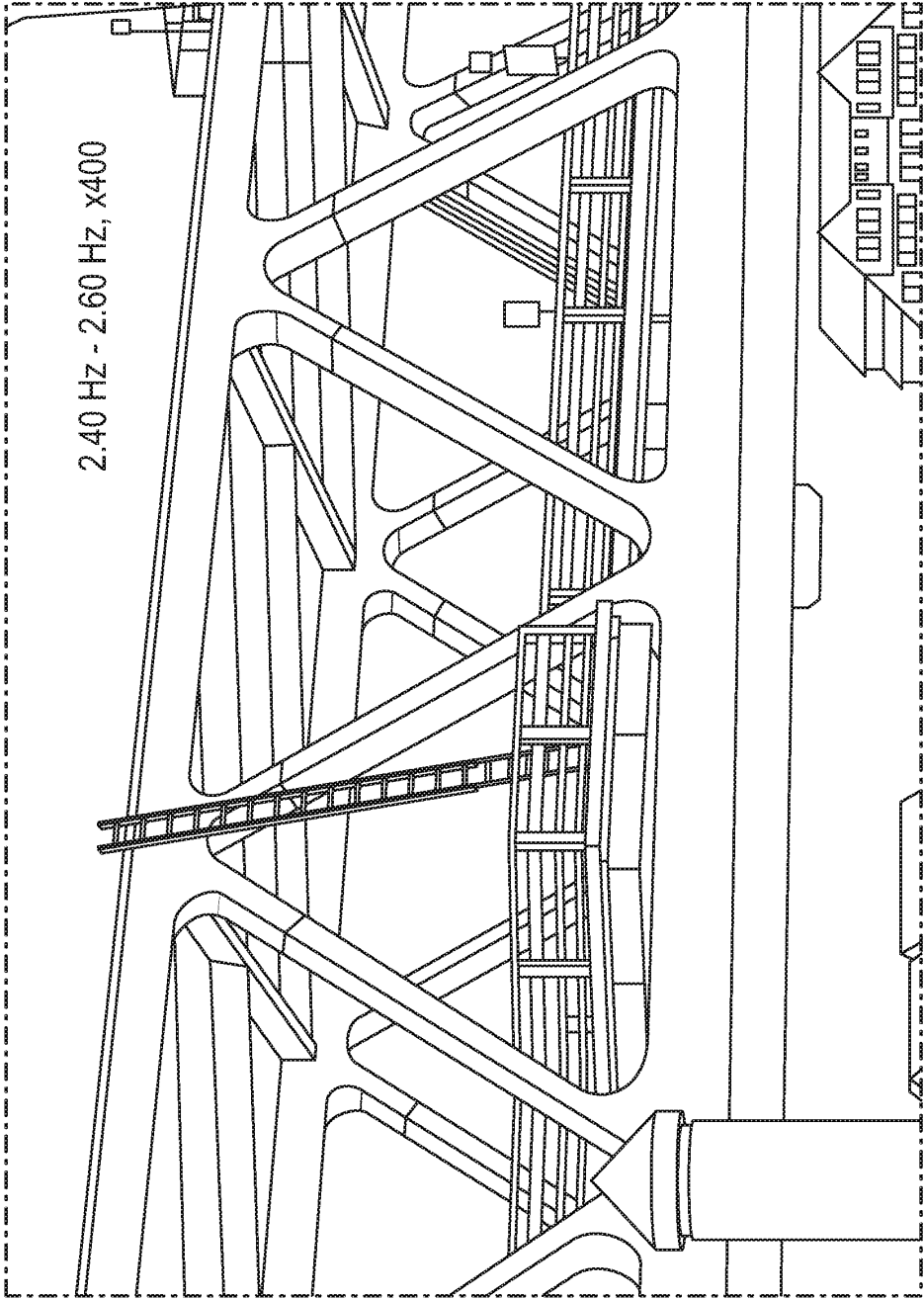


FIG. 12

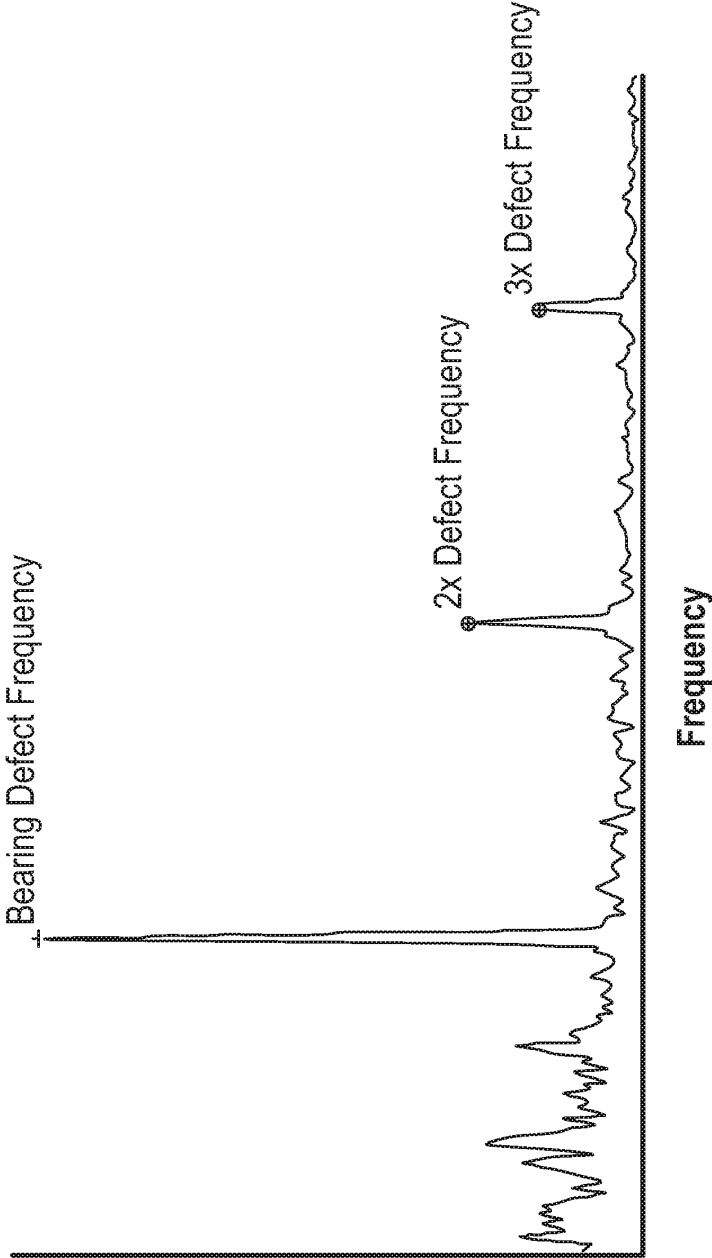


FIG. 13

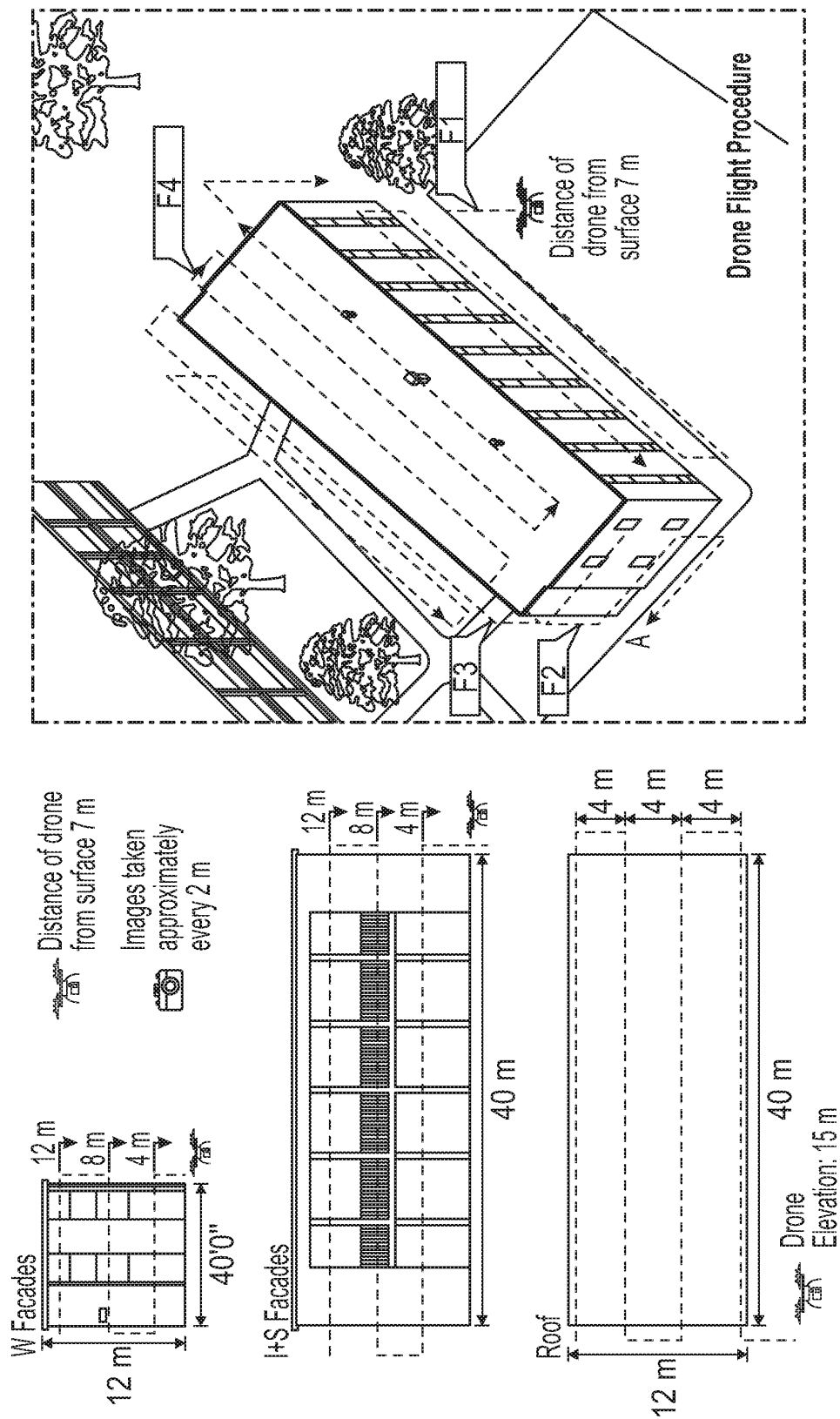
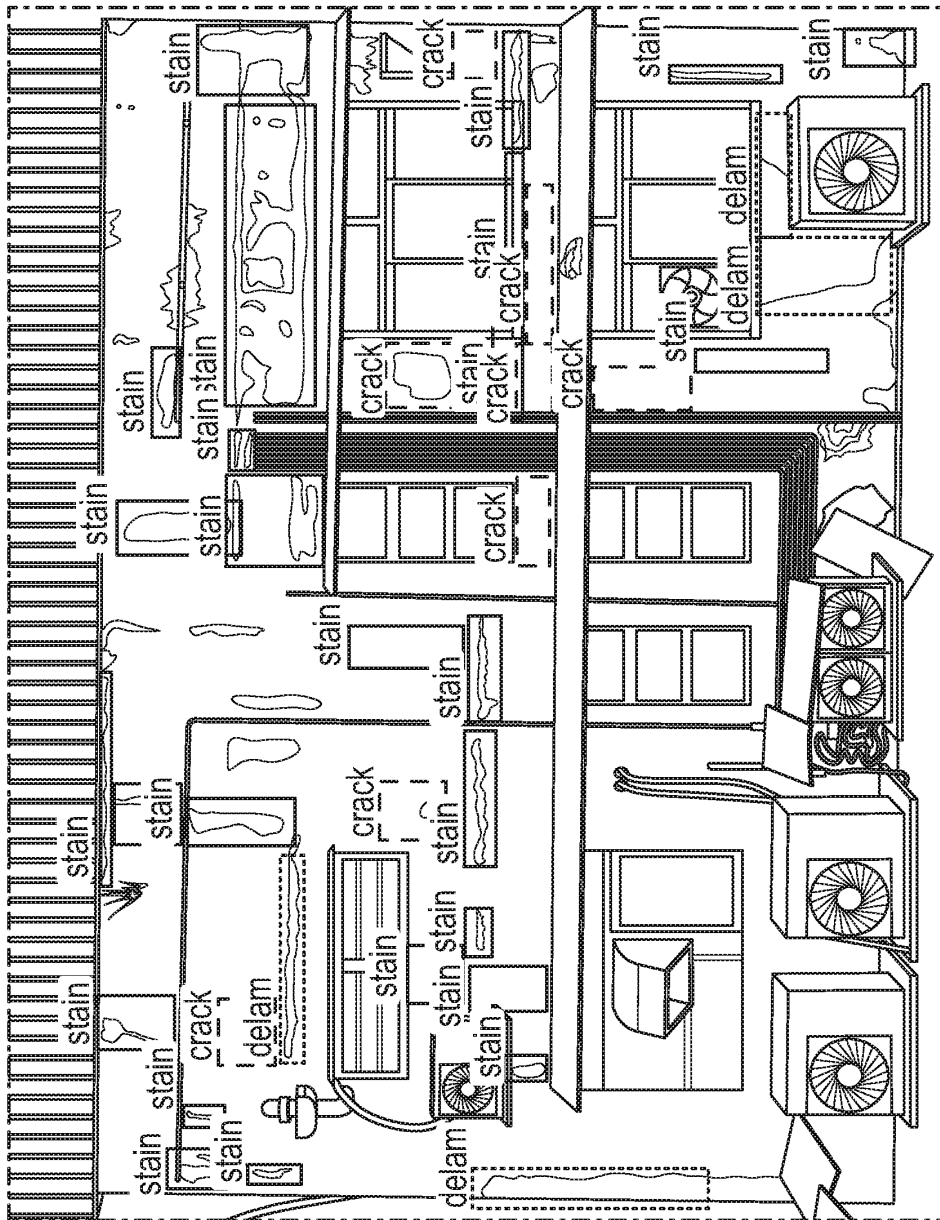


FIG. 14



51
52

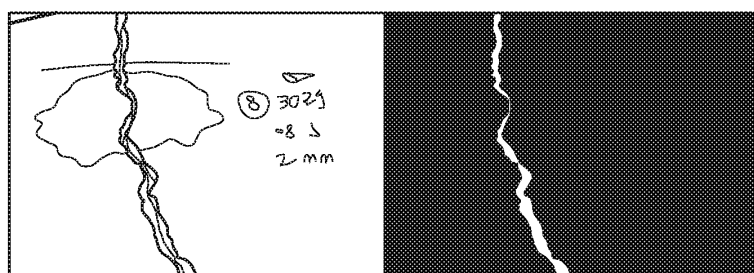


FIG. 16

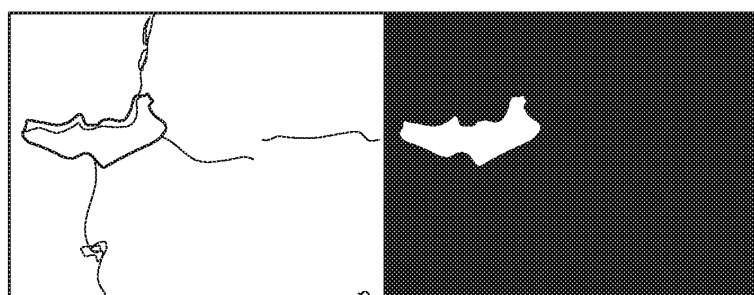


FIG. 17



FIG. 18

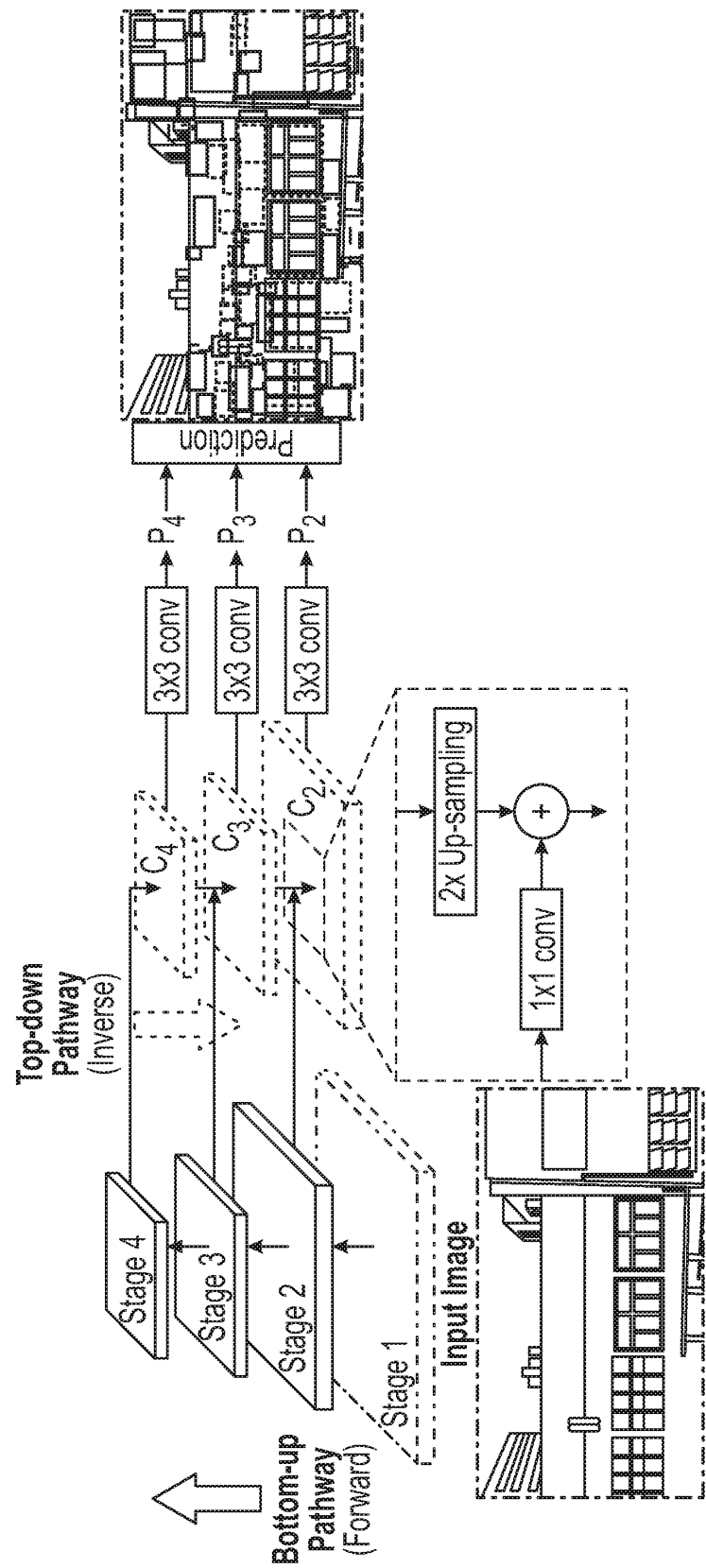


FIG. 19

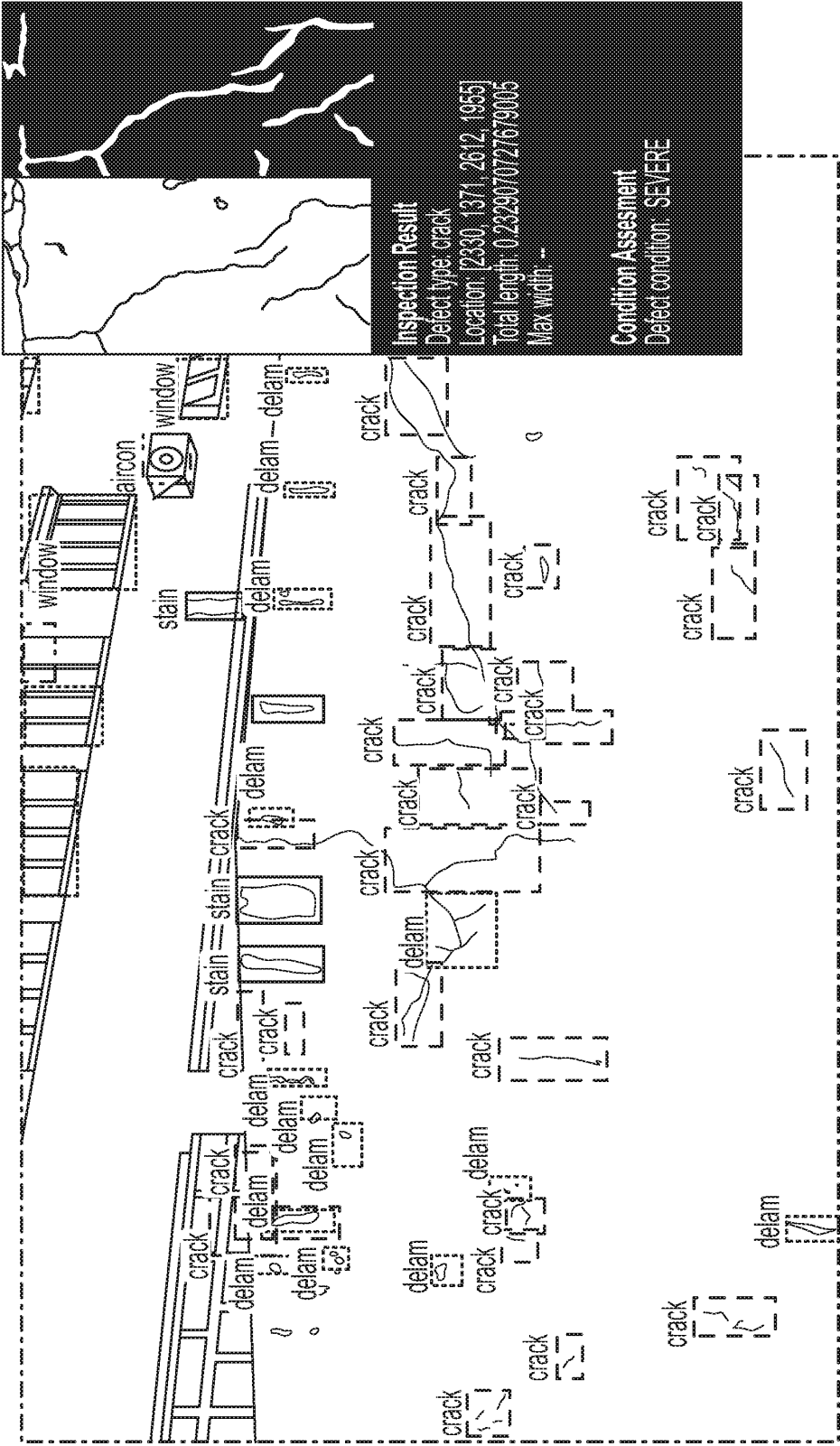


FIG. 20

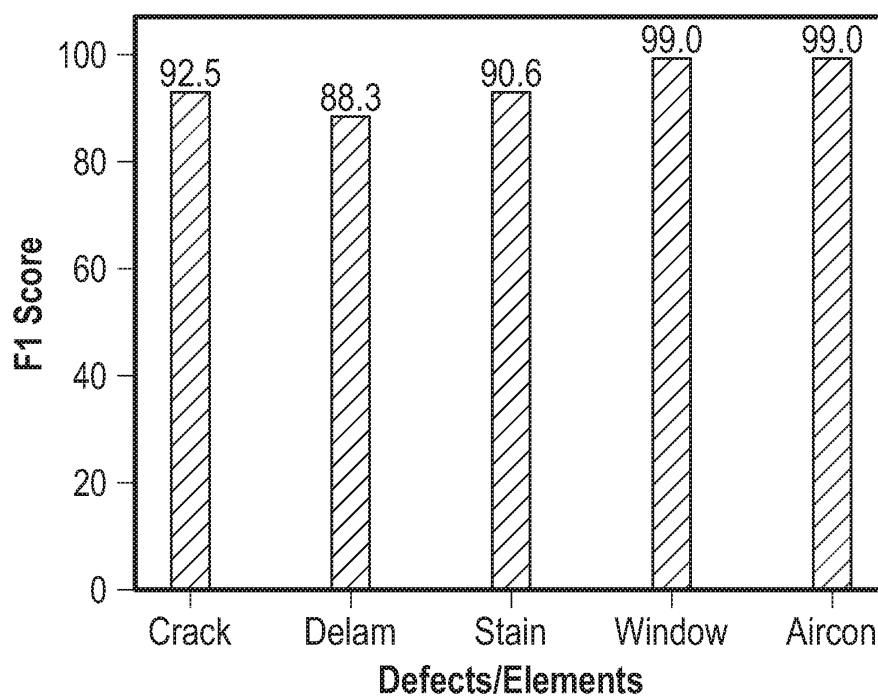


FIG. 21

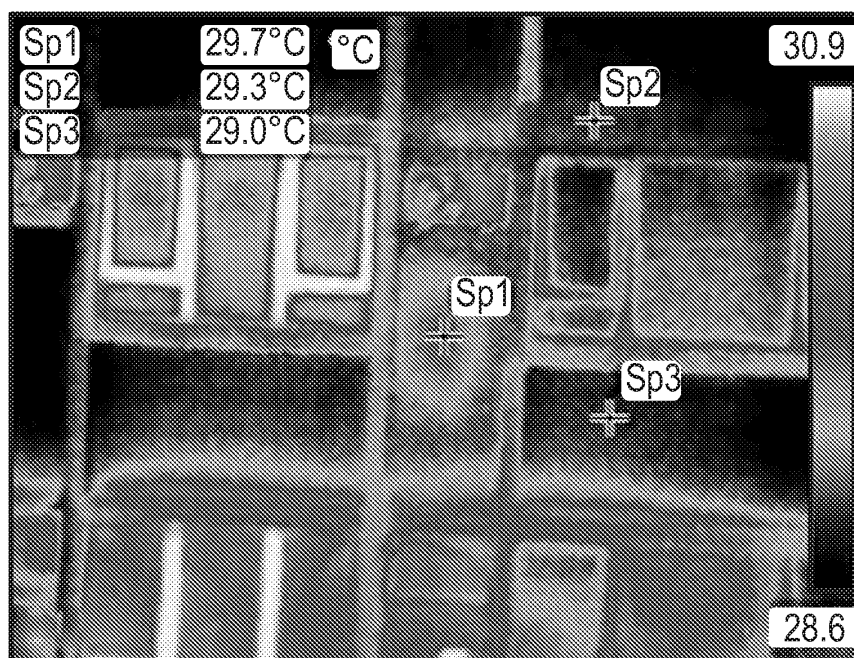


FIG. 22

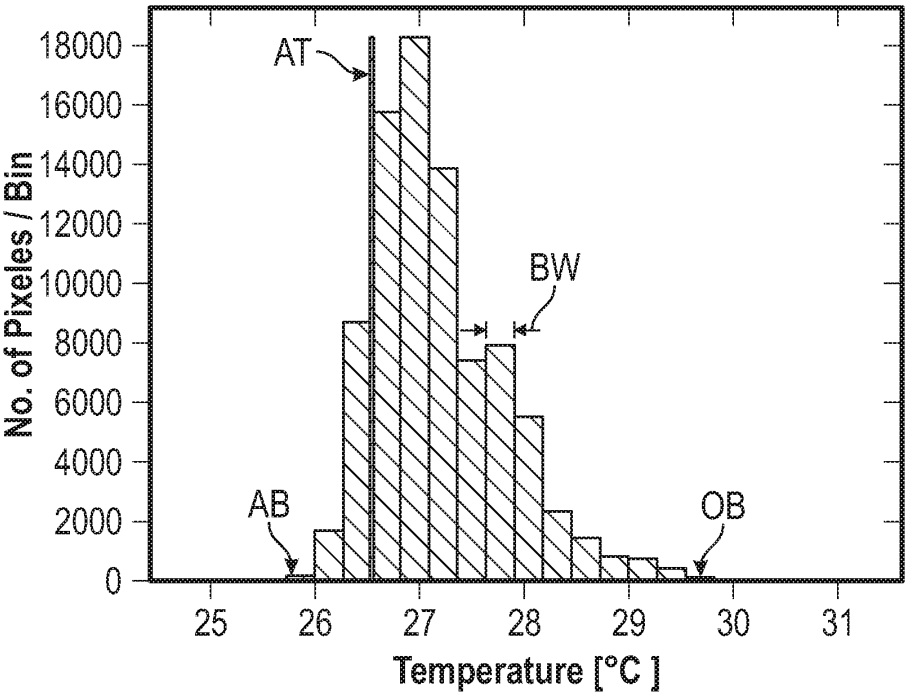


FIG. 23

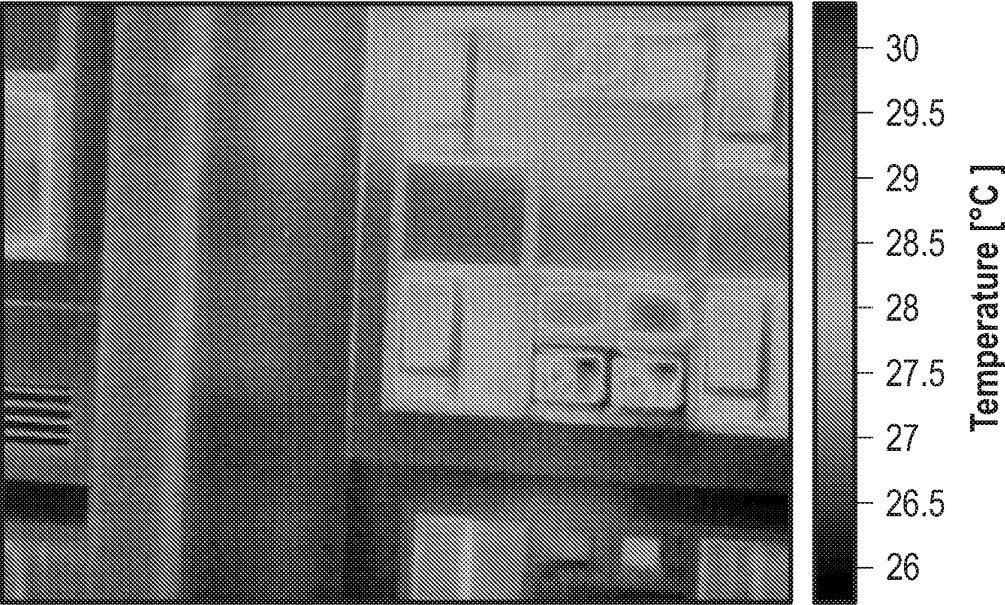


FIG. 24



FIG. 25

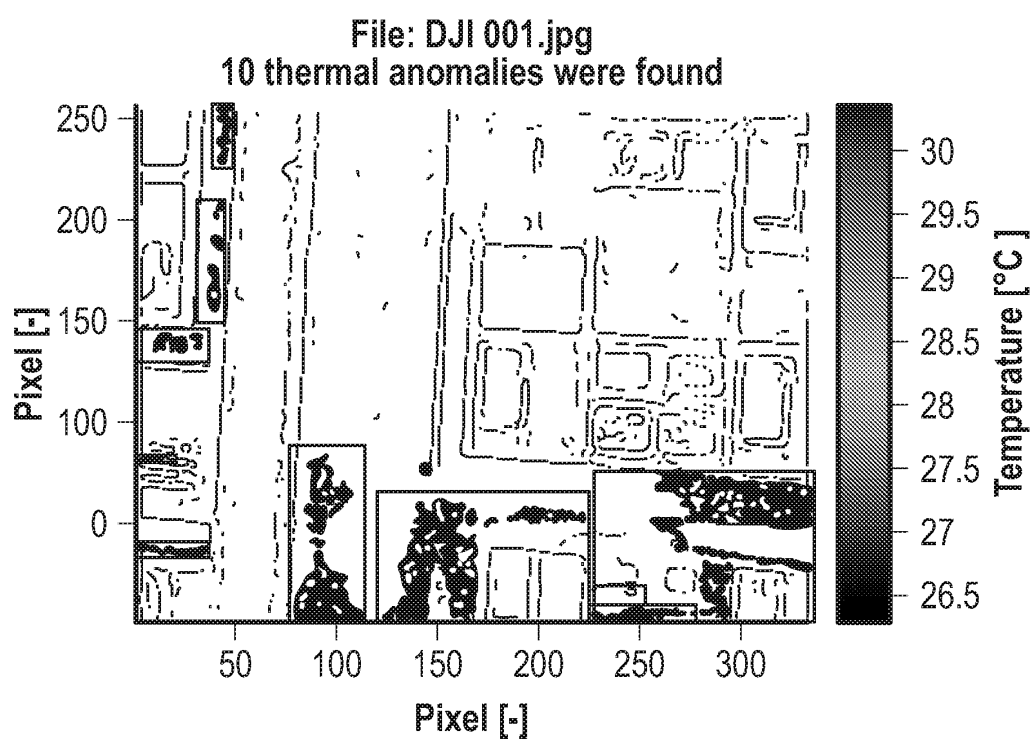


FIG. 26

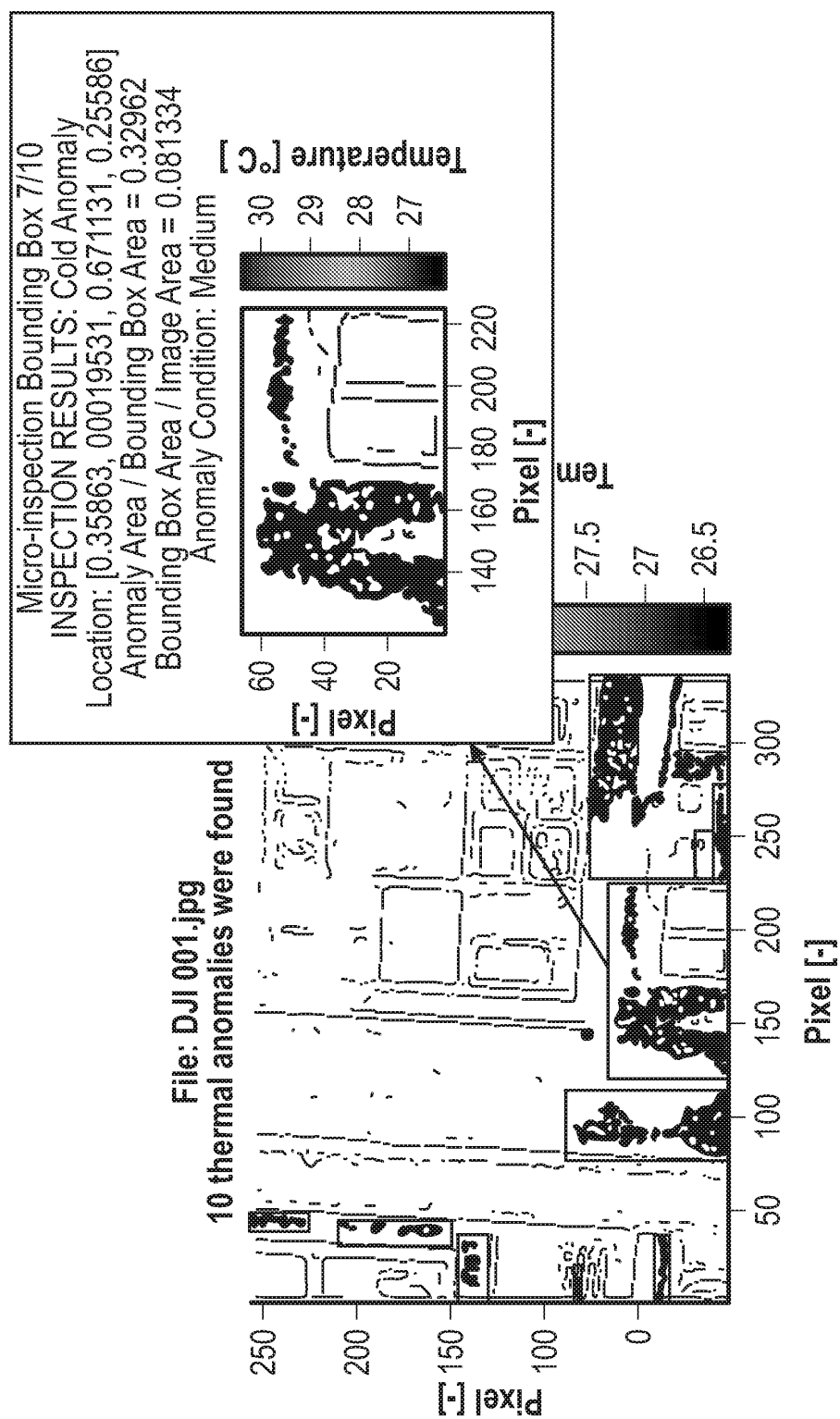


FIG. 27

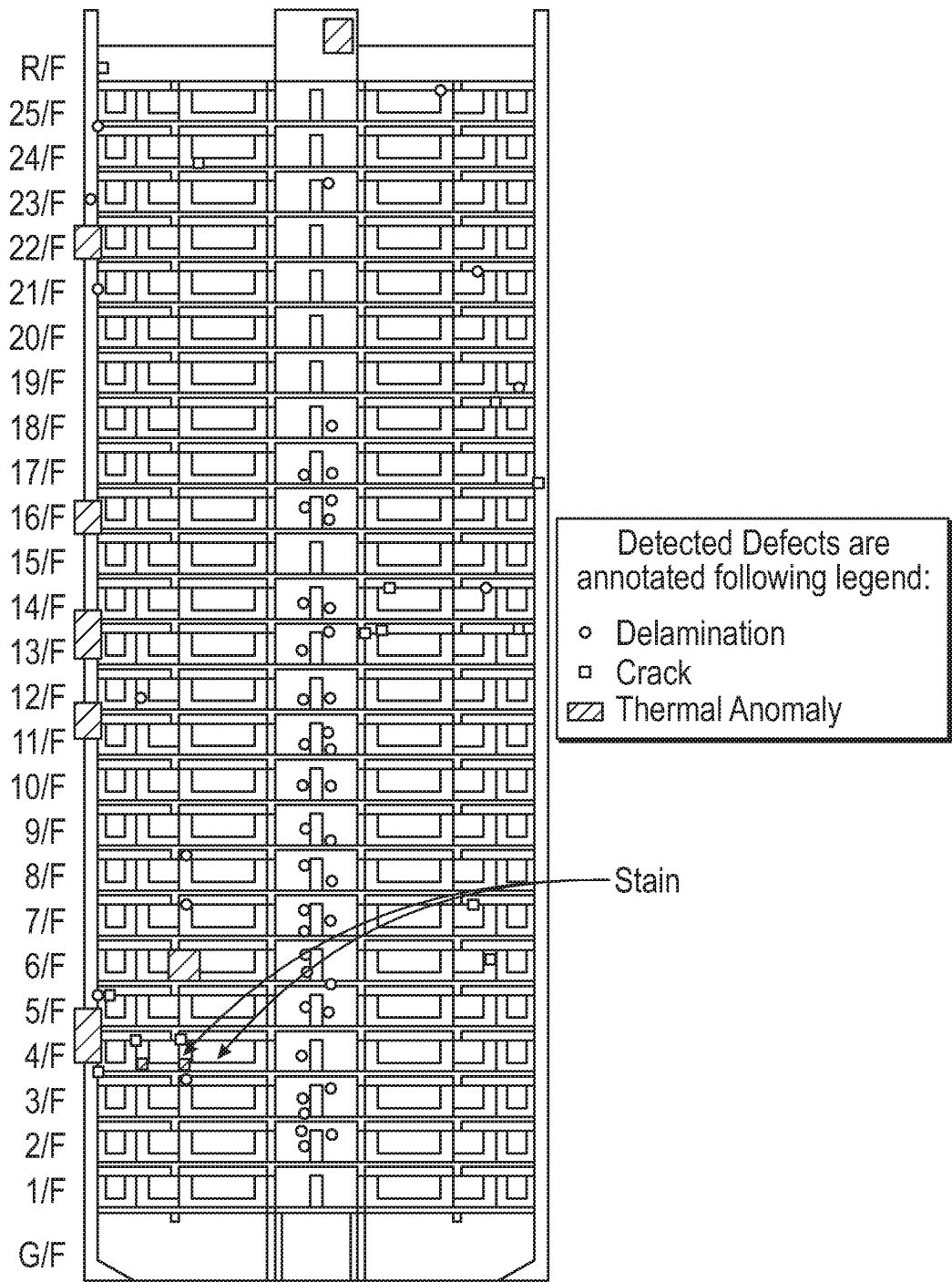


FIG. 28



FIG. 29

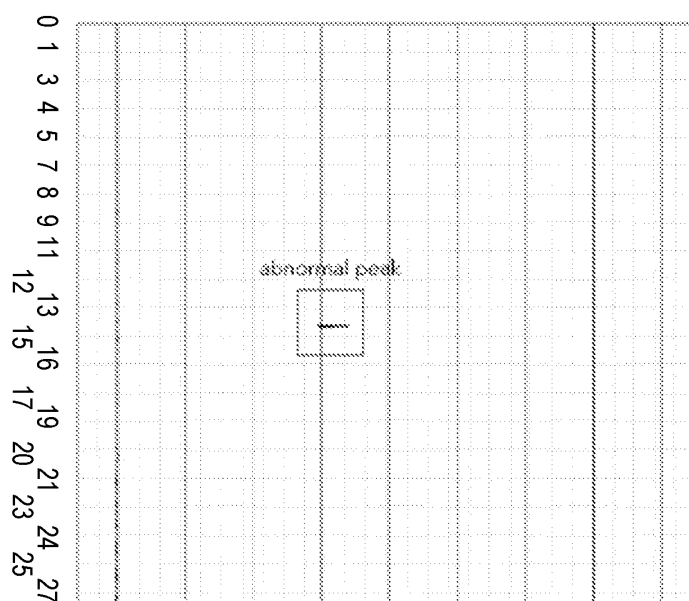


FIG. 30

