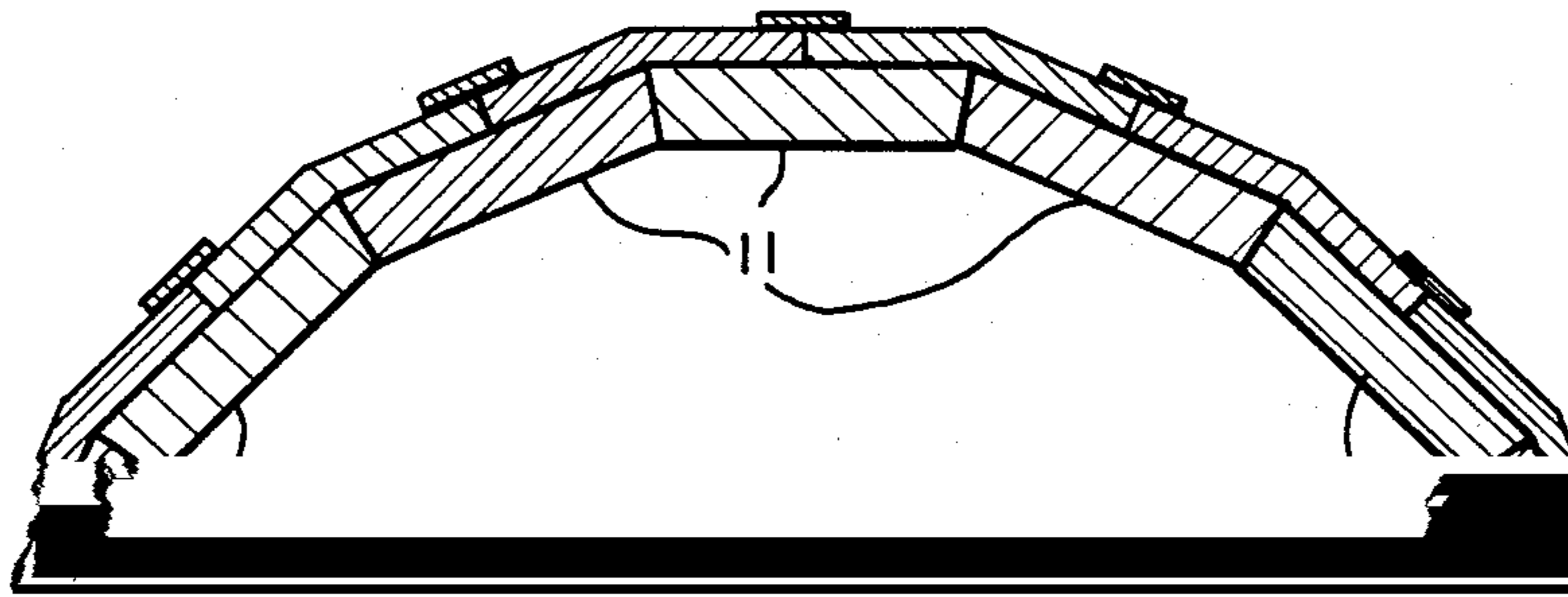
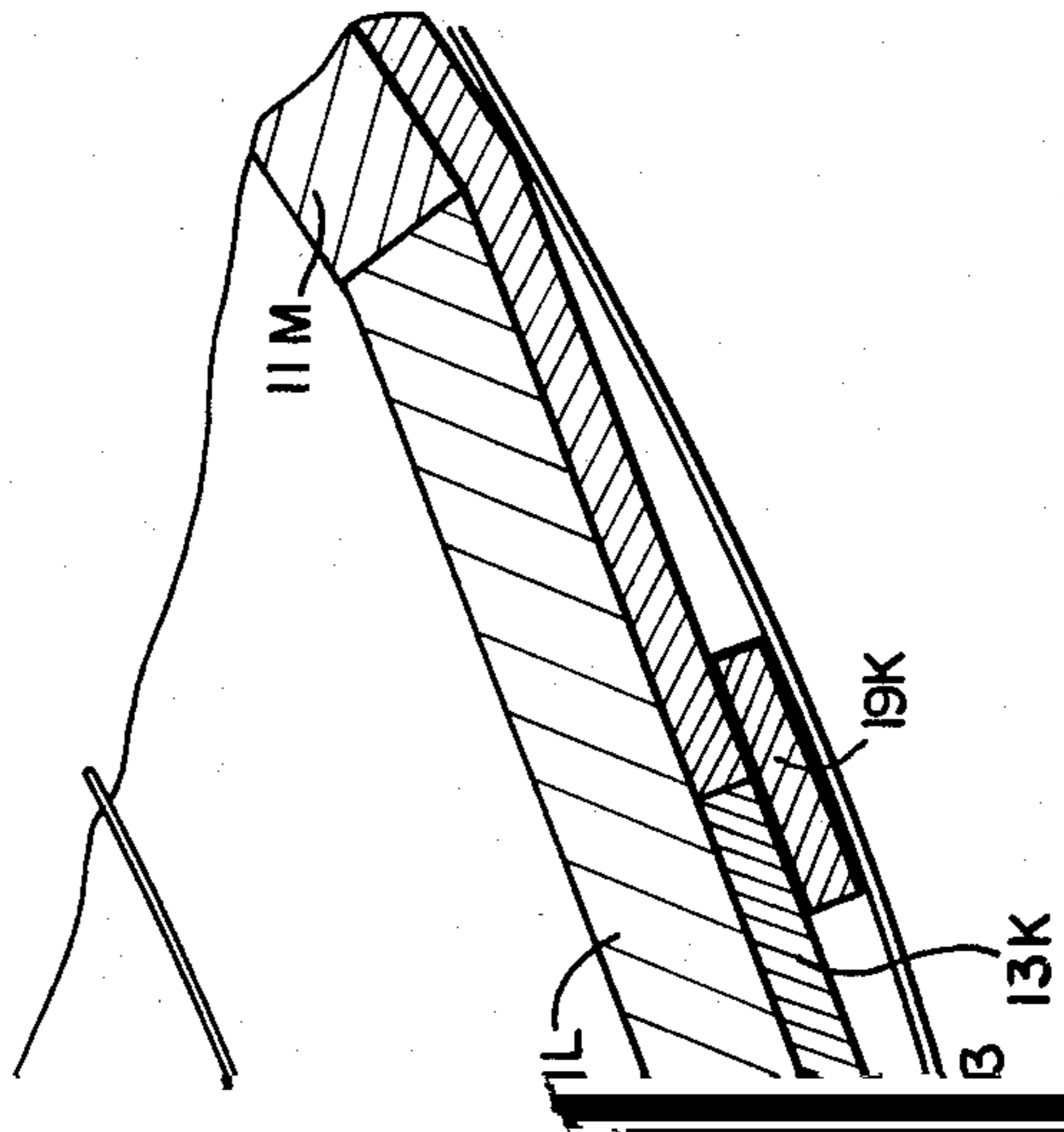


[54] HOT ZONE CHAMBER WALL
ARRANGEMENT FOR USE IN VACUUM
FURNACES

oxide wall panels which are defined by a thickness di-
mension, depth dimension, and width dimension. The





HOT ZONE CHAMBER WALL ARRANGEMENT
FOR USE IN VACUUM FURNACES

BACKGROUND

In vacuum furnace design it is customary to have a

FIG. 1 is an end view schematic depicting the arrangement of the ceramic wall panels, the overlap support panels and the second support members which together form the insulating wall of the hot zone;

5 FIG. 2 is an end view of the wall panels or the inside panels of the polygon shown in FIG. 1:

3

4

In FIG. 1 it can be determined that the support panel
15 is formed

either side of the nozzle location. As can be gleaned
from FIG. 5 upon inspection the nozzle 25 is secured

using graphite rollers as work roll surfaces as explained with each diamond and formed to have a

earlier is that graphite when operating in high temper- 510 over acid treatment each of a different pair of 511