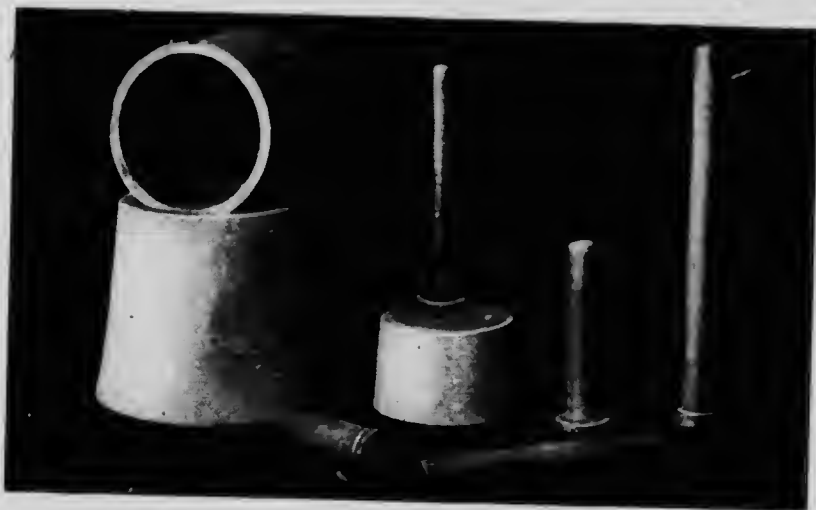


PLATE I.



Funnel or extension tops, for increasing the capacity of crucibles, and pyrometer shields. (Joseph Dixon Crucible Company, Jersey City, N.J.)

PLATE II.



Types of graphite stoppers and nozzles for steel-pouring ladles. (Joseph Dixon Crucible Company, Jersey City, N.J.)