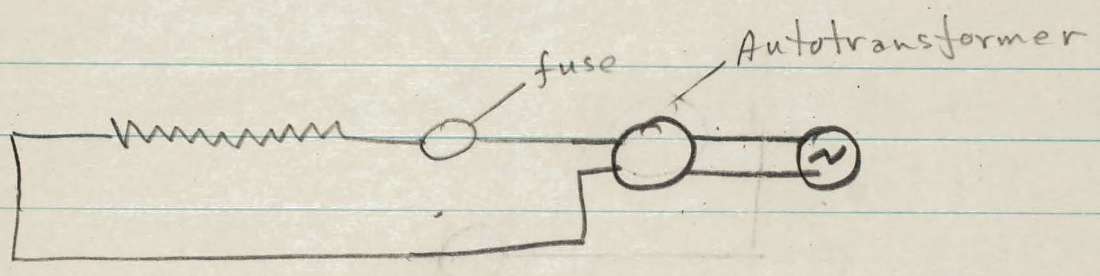
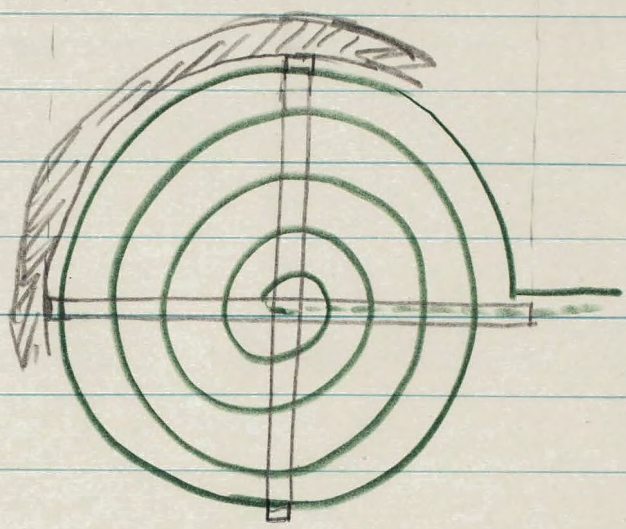
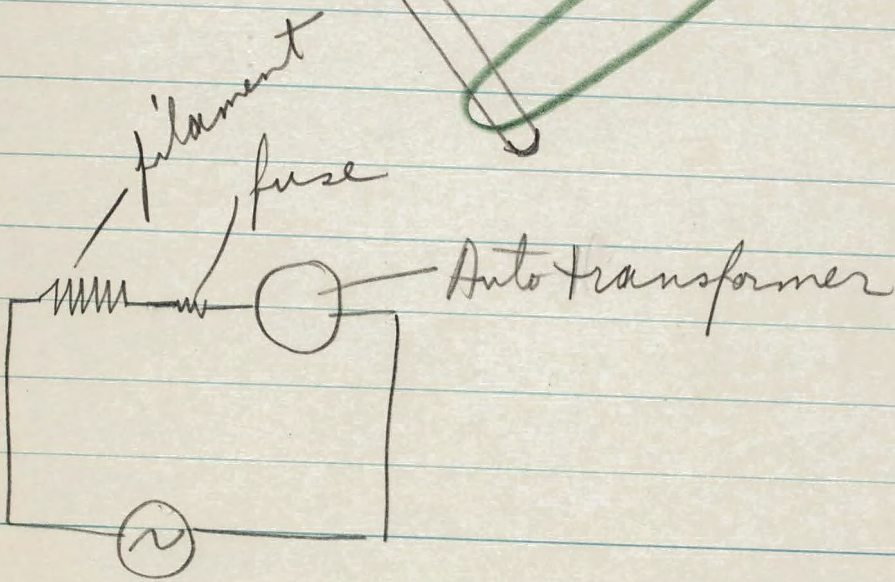
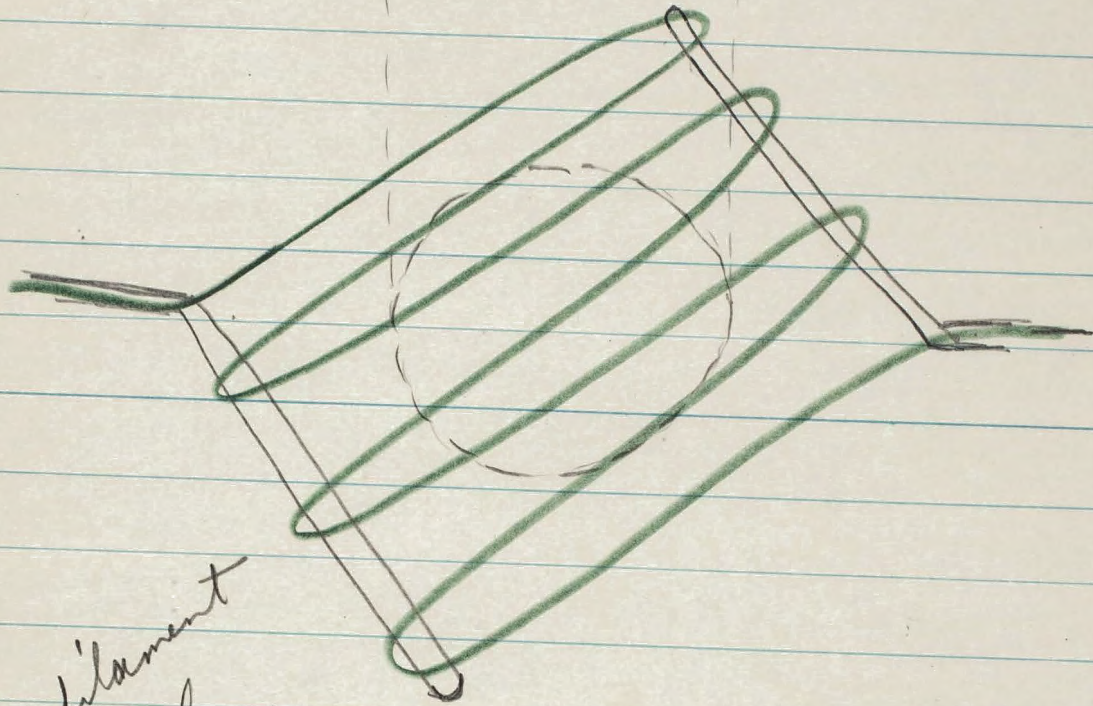
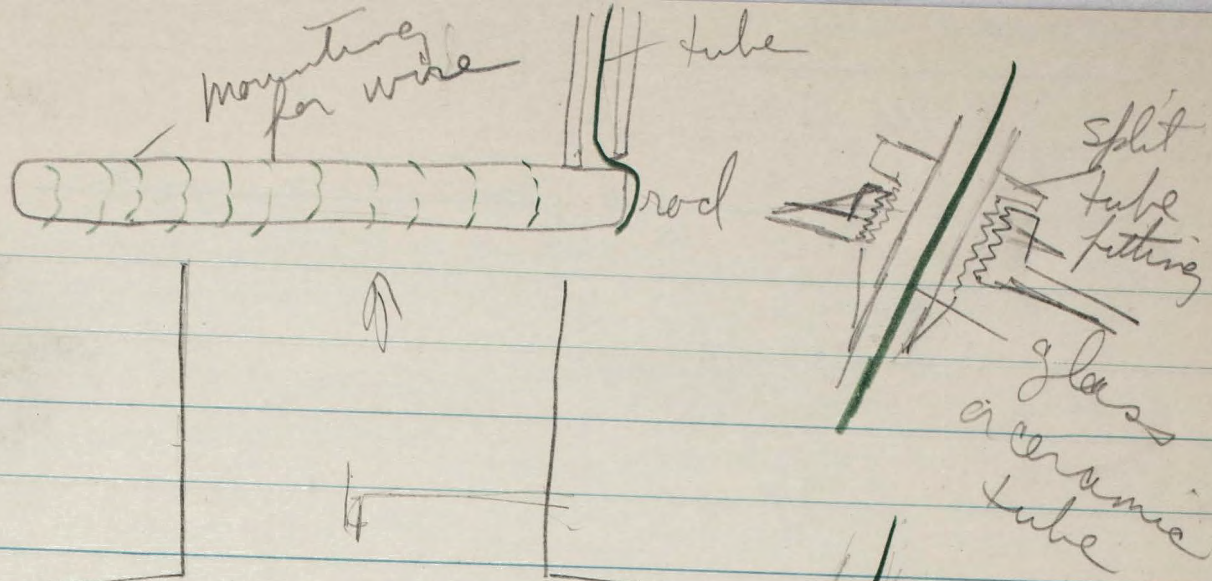


Vat



Jeast; Sewage



During aerobic and anaerobic growth of or fermentation by microorganisms, and during distillation, especially under vacuum of complex organic mixtures, the production of foam may often constitute a nuisance. A method for destroying this foam is herein suggested.

A platinum wire or ribbon is extended by means of two supporting electrically conducting leads over the surface of the medium wherein the foaming occurs. A current is passed thru the wire ^{or ribbon}, controlled by means of a ^{autotransformer} variac, so that the temperature of the wire ^{or ribbon} remains sufficiently high to prevent its inundation by the foam. Setting the voltage about 5-10% ~~higher~~ ^{higher} than this ^{minimum} value as it ~~appears on the variac~~ will control reasonable fluctuations in the rate of production of foam, for the duration of the experiment. If a large increase is expected in the rate of production of foam

during the course of the operation, a periodic adjustment or increase of the filament voltage may be required.

