

WASTE FLUID TREATMENT APPARATUS AND PROCESSING WATER REGENERATION SYSTEM

ABSTRACT OF THE DISCLOSURE

A waste fluid treatment apparatus includes a sedimentation tank that stores the processing waste fluid with the processing debris contained therein, an inflow port provided on the sedimentation tank for introduction of the processing waste fluid into the sedimentation tank, an acidification unit configured to acidify the processing waste fluid to be introduced from the inflow port into the sedimentation tank, whereby the processing debris is allowed to settle at a higher rate compared with a rate at which the processing debris would settle if the processing waste water is neutral, and an outflow port provided on the sedimentation tank for discharge of acidic supernatant that is obtained by allowing the processing debris in the processing waste fluid to settle in the sedimentation tank from the sedimentation tank.

[Fig. 2]