

ABSTRACT (FIG. 1)

"COPPER RECOVERY APPARATUS"

According to one embodiment, a copper recovery apparatus includes a precipitation tank, a mixing tank,
5 a filter-aid feeder, a solid-liquid separator comprising a filter, a cleaning-water supply line, a cleaning-water discharge line, a separation tank, and a filter-aid return line. The precipitation tank is configured to receive copper ions-containing water to
10 be treated and an alkali to prepare treated water containing a precipitate of copper compound. The solid-liquid separator is configured to allow the treated water to be passed through the filter on which the precoat layer is deposited to separate the
15 precipitate retained on the precoat layer from a filtrate.