ABSTRACT OF THE DISCLOSURE

SULFURIC ACID RYCYCLE APPARATUS

A sulfuric acid recycle apparatus 1 capable of concentrating sulfuric acid, which is lowered in concentration upon completion of a wafer cleaning process, to a level to be recycled is provided. The sulfuric acid recycle apparatus for recycling sulfuric acid in a wafer cleaning fluid prepared by mixing sulfuric acid and hydrogen peroxide solution comprises a reaction bath 10 having two openings formed of at least an introduction port 12 and a discharge port 13 for obtaining concentrated sulfuric acid by concentrating sulfuric acid in the wafer cleaning waste fluid introduced from the introduction port 12 upon completion of a wafer cleaning process, then discharging the concentrated sulfuric acid from the discharge port 13, a wafer processing bath 100 for processing wafers, and a supply unit for supplying the concentrated sulfuric acid to the wafer processing bath 100.