

**SAMPLE SEPARATING APPARATUS AND METHOD, AND
SUBSTRATE MANUFACTURING METHOD**

ABSTRACT OF THE DISCLOSURE

This invention is to provide an apparatus for separating a substrate having a porous layer at the porous layer. A bonded substrate stack (101) having a porous layer (101b) is supported by substrate holding portions (120, 150) while being rotated. High-speed, high-pressure water (jet) is ejected from a nozzle (102), so the jet is injected into the bonded substrate stack (101). The substrate holding portions (120, 150) hold the bonded substrate stack (101) such that the bonded substrate stack (101) can expand at its central portion due to the pressure of the injected water. This efficiently applies a force (separation force) that acts outward from the inside of the bonded substrate stack (101).

Figure 2