

ABSTRACT

There is provided a technique that includes (a) supplying a fluorine-containing gas to a substrate including a first surface and a second surface; (b) supplying an oxygen- and hydrogen-containing gas and a catalyst to the substrate after performing (a); (c) supplying a modifying agent to the substrate after performing (b); and (d) supplying a film-forming agent to the substrate after performing (c).

FIG. 4