

ABSTRACT

CHUCK, SUBSTRATE-HOLDING APPARATUS, PATTERN-FORMING APPARATUS, AND METHOD OF MANUFACTURING ARTICLE

A chuck according to an embodiment of the present invention includes first and second support portions 10 each of which has a repetition structure of a convex portion 11 and a concave portion 13 on a base. A substrate is held by bringing each convex portion 11 into contact with the substrate and exhausting gas in each concave portion 13 such that the concave portion 13 has a negative pressure with respect to a space between the first support portion 10 and the second support portion 10. At least one support portion of the first support portion 10 and the second support portion 10 includes at least four convex portions 11 and three concave portions 13.

[Figure 2]