

## ABSTRACT

A laser irradiation apparatus (1) according to one embodiment  
5 irradiates a workpiece (16) with a laser beam (15) while conveying the  
workpiece (16) caused to float with the use of a flotation unit (10).  
The flotation unit (10) includes precision float regions (11a, 11b) and  
rough float regions (13a to 13j). The precision float regions (11a,  
11b) are configured to cause the workpiece (16) to float by utilizing  
10 ejection and suction of a gas, and the rough float regions are  
configured to cause the workpiece (16) to float by utilizing ejection of  
a gas without suction of a gas.

Fig 1 accompanies abstract