

Gas filling apparatus for photomask box

ABSTRACT

5 A gas filling apparatus used to fill a photomask box with gas such as nitrogen or other inert gas. The gas filling apparatus of the present invention has a gas filling chamber provided with a plurality of first pillared elements, a plurality of second pillared elements, at least one gas inlet, at least one gas outlet, and a plurality of clamping elements; wherein the first pillared elements are used to couple with the
10 recesses on a cover member of the photomask box, the second pillared elements are used to prop against the peripheral of a cover member of the photomask box, and the clamping elements respectively prop against two opposite sides of the cover member of photomask box, whereby the gas inlets and the gas outlets are respectively coupled with the through holes formed on the lower cover member of
15 the photomask box and the gas can be filled into and exhausted from the photomask box.

Figure 1