

ABSTRACT OF THE DISCLOSURE

APPARATUS AND METHOD FOR PROVIDING AN INERTING GAS DURING SOLDERING

Described herein is an apparatus and method for providing an inerting gas during the application of soldering to a work piece. In one aspect, there is provided an apparatus that is placed atop of a solder reservoir and comprises a plurality of porous tubes that are in fluid communication with an inerting gas. In another aspect, there is provided a method for providing an inerting gas to a wave soldering apparatus comprising the steps of, among other things, placing an apparatus atop at least one edge of the solder reservoir wherein the apparatus comprises a plurality of tubes comprising one or more openings in fluid communication with an inerting gas source. In a further aspect, at least one of the tubes comprises a non-stick coating or is comprised of a porous non-stick material such as a sleeve.

Figure 1