CLAIMS

1. A gloving apparatus that comprises a glove box, a glove-lifting device, a glove-opening device, and a glove-inflating device; in which the glove box is designed to contain gloves; in which the glove-lifting device is designed to lift gloves, one at a time, from the glove box and insert the glove opening over the glove-opening device; in which the glove-lifting device comprises a vertical rod with one or more fastening devices at the bottom end, and vertical and horizontal activators; in which the glove-opening device has four spreading fingers, each of which can move horizontally and vertically using activators; and in which the glove-inflating device comprises a sealing ring, an air tubule, and an activator that can move the sealing ring back and forth.

2. A gloving apparatus that comprises a casing, a glove-lifting-and-positioning device, a glove-opening device, and a glove-inflating device;

in which the glove-lifting-and-positioning device comprises an activator, graspers, a vacuum tube, a vertical guide, and a horizontal guide; in which the glove-lifting-and-positioning device can move up and down on the vertical guide and back and forth on the horizontal guide; in which the vacuum tube and the graspers can hold a wrist part of a glove; in which the activator is designed to close the graspers on the wrist part of the glove while the vacuum tube lifts the wrist part of the glove ;

in which the glove-opening device comprises a polygonal circumferential frame and several spreading rods; in which an outer end of each spreading rod is attached to the polygonal circumferential frame via an axial joint; and in which an inner end of each spreading rod is equipped with a grasping pin;

in which the graspers of the glove-lifting-and-positioning device are designed to hold the wrist part of the glove, to lift the glove and insert an opening of the glove over the grasping pins; in which the glove-opening device can move from closed position to open position, causing the glove opening to stretch open and assume the shape of the polygonal circumferential frame; in which the glove-inflating device can create sub-pressure in the casing, causing the glove to inflate to a size and shape suitable for a hand to be inserted into the inflated glove.