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(54) Title: REUSABLE RESPIRATORY PROTECTION DEVICE

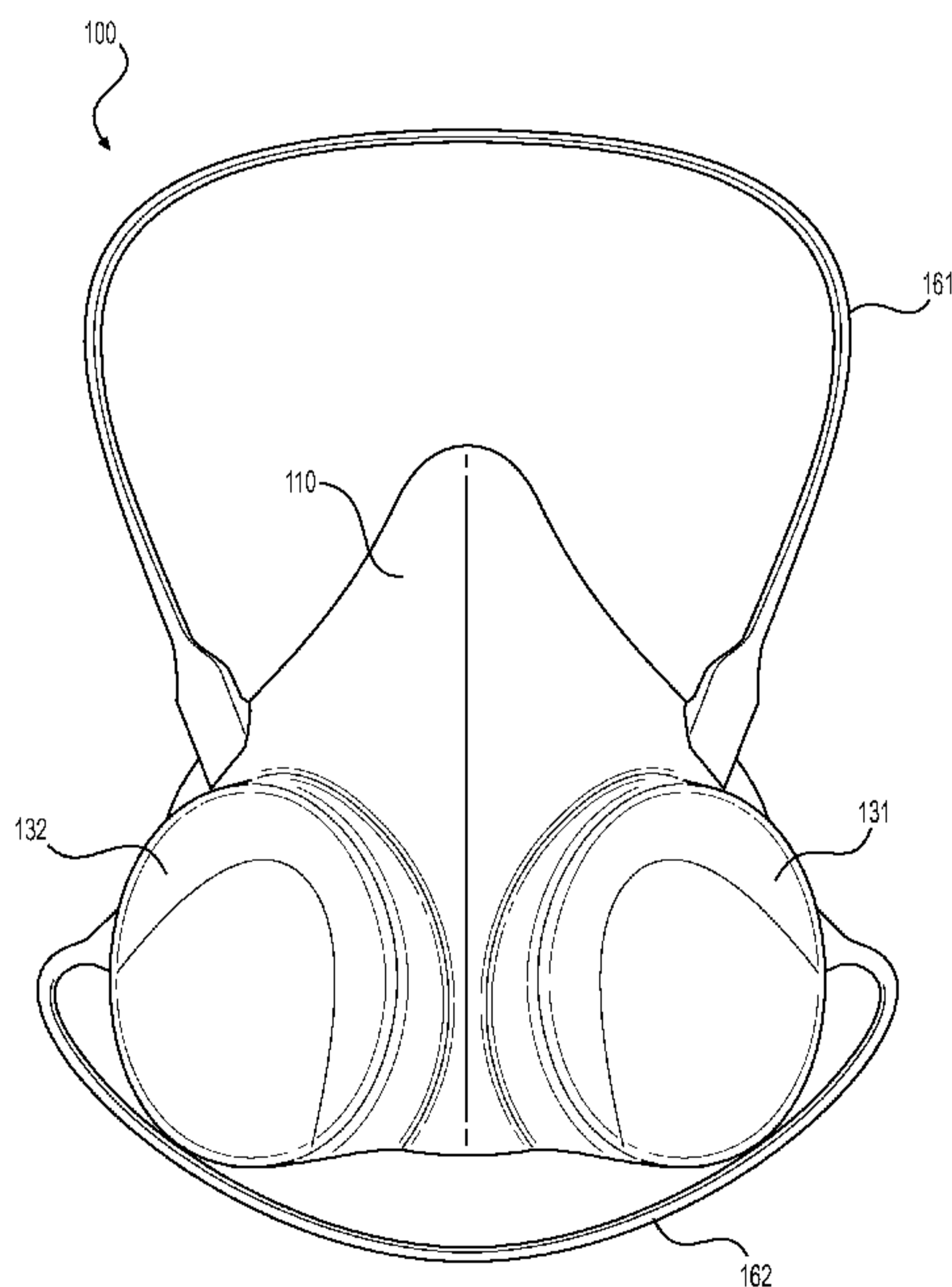


FIG. 1

(57) Abstract: A reusable respirator including a mask adapted for covering and conforming to the face around the nose and a mouth of a user, a strap configured to secure the mask to a face of the user, and a filter component. All components of the respirator are capable of being cleaned, disinfected and sterilized at temperatures in excess of 50°C. An outer surface of the mask is substantially smooth and wettable for easily disinfecting and is shaped with a pair of outer shield portions for housing particulate air filters. The outer shield portions each include a closeable vent through the outer surface that is adapted to provide a user seal check and direct air flow through the outer surface for filtering by the respective particulate air filter, which is adapted to filter at least 95% of airborne particles.

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