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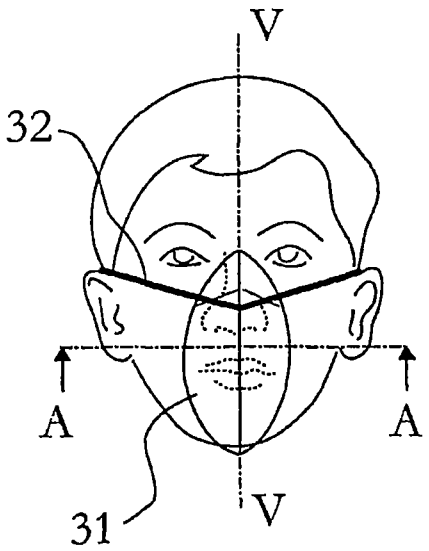
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(54) **Title:** FLAT-FOLDABLE FACE-MASK AND PROCESS OF MAKING SAME



(57) **Abstract:** Flat-folded personal respiratory device or a face-mask with a first portion and a second portion (31), connecting with each other along at least one common edge, flat-foldable along the common edge(s), a securing mean (32) responsive to the breathing cycle thereby forming an effective respiratory seal as the wearer inhale and release the respiratory seal as the wearer exhale, and a filtering mean (40) to filter inhaling air. A preferred embodiment includes the securing mean includes an elastic headband providing holding force (F) at a location substantially away from the periphery of the face-mask.

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