

Technical Disclosure Commons

Defensive Publications Series

July 2020

Pandemic Mask

Edward Bullister

Follow this and additional works at: https://www.tdcommons.org/dpubs_series

Recommended Citation

Bullister, Edward, "Pandemic Mask", Technical Disclosure Commons, (July 02, 2020)
https://www.tdcommons.org/dpubs_series/3397



This work is licensed under a [Creative Commons Attribution 4.0 License](https://creativecommons.org/licenses/by/4.0/).

This Article is brought to you for free and open access by Technical Disclosure Commons. It has been accepted for inclusion in Defensive Publications Series by an authorized administrator of Technical Disclosure Commons.

PANDEMIC MASK

A conformable mask, comprising:

- 1) A filter, for filtering air passing into the mask;
- 2) A gasket, comprising an elastomeric material for creating a seal between a mask and a wearer's face
- 3) A gasket frame, the frame comprising a permanently deformable material for adjusting the shape of the gasket to customize the shape to conform to a specific user's face
- 4) The masks of 3) wherein the permanently deformable material is a metal
- 5) The mask of 4) wherein the metal is steel
- 6) The mask of 2, wherein the gasket extends around a closed loop at the perimeter of the mask
- 7) The mask of 6, wherein the frame extends around a closed loop adjacent to the gasket
- 8) The mask of 2, wherein the elastomeric material is silicone
- 9) The mask of 2, wherein the gasket is curved with a radius of curvature substantially perpendicular to the mask perimeter and with the gasket curving inward to seal with the user's face

Mask (Exploded view)

