**Title:** SEAL FOR SANITARY OVERPRESSURE VENT STRUCTURE

**Abstract:** A one piece flexible sanitary seal (16) of uniform cross-section is provided for over pressure vent structure that protects a confined space meeting hygienic standards. The seal (16) has an elongated body (38) provided with a central section (40), a C-shaped terminal end (42) having a main lug portion (46) and a secondary lug segment (48) that project from each other with a cavity (50) therebetween, and a long tail portion (44) cooperating with the central section (40) to present a longitudinally extending angular groove (62). The seal (16) is adapted to be mounted between a vent membrane unit (14) and a frame component (18) of the vent structure. Lug portion (46) andlug segment (48) sealedly engage the inner surface of the vent membrane (14) inboard of a line of weakness therein defined by a series of slots. A rectangular projection (52) extends from the central section (40) in disposition to engage the vent membrane unit (14), outboard of the line of weakness. The main lug portion (46) and the secondary lug segment (48) of terminal end (42) are moveable toward and away from one another while remaining in tight sealing engagement with the vent membrane unit (14) during in and out cycling thereof. Frame component (18) is received in the groove (62) to firmly affix the seal (16) to the vent structure.

Declarations under Rule 4.17:
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

Published:
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INTERNATIONAL SEARCH REPORT

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USPC: 52/1,99,100,208; 277/644,647,648,637,641,928,921; 49/475.1,490.1
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
U.S.: 52/1,99,100,208; 277/644,647,648,637,641,928,921; 49/475.1,490.1
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<td>Y</td>
<td>Applicant’s own Figure 8</td>
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<td>Y</td>
<td>US 6022065 (Stopp et al.) 8 Feb. 2000</td>
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[X] Further documents are listed in the continuation of Box C.  [ ] See patent family annex.

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Name and mailing address of the ISA/US: Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201
Authorized officer: [Signature]
Richard Chilcot
Telephone No. (571) 272-3600

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