

# United States Patent [19]

Jones et al.

[11] Patent Number: Des. 320,445

[45] Date of Patent: \*\* Oct. 1, 1991

[54] OXYGENATOR

[75] Inventors: **Kenneth A. Jones**, Lake Elsinore;  
**Francis M. Servas**, San Juan  
Capistrano; **Ned M. Santos**, El Toro,  
all of Calif.

[73] Assignee: **Shiley Incorporated**, Irvine, Calif.

[\*\*] Term: **14 Years**

[21] Appl. No.: **302,724**

[22] Filed: **Jan. 26, 1989**

[52] U.S. Cl. .... **D24/169; D24/162**

[58] Field of Search ..... **D24/21, 8; 422/46, 45,  
422/47, 48; 261/DIG. 28**

[56]

## References Cited

### U.S. PATENT DOCUMENTS

D. 290,875	7/1987	Badolato et al. ....	D24/21 X
D. 299,269	1/1989	Pierson et al. ....	D24/21
3,827,562	8/1974	Esmond .....	D24/21 X
4,282,180	8/1981	Railble .....	261/DIG. 28 X
4,407,777	10/1983	Wilkinson et al. ....	261/DIG. 28 X
4,490,254	12/1984	Gordon .....	D24/21 X

*Primary Examiner*—Stella Reid

*Attorney, Agent, or Firm*—Knobbe, Martens, Olson &  
Bear

[57]

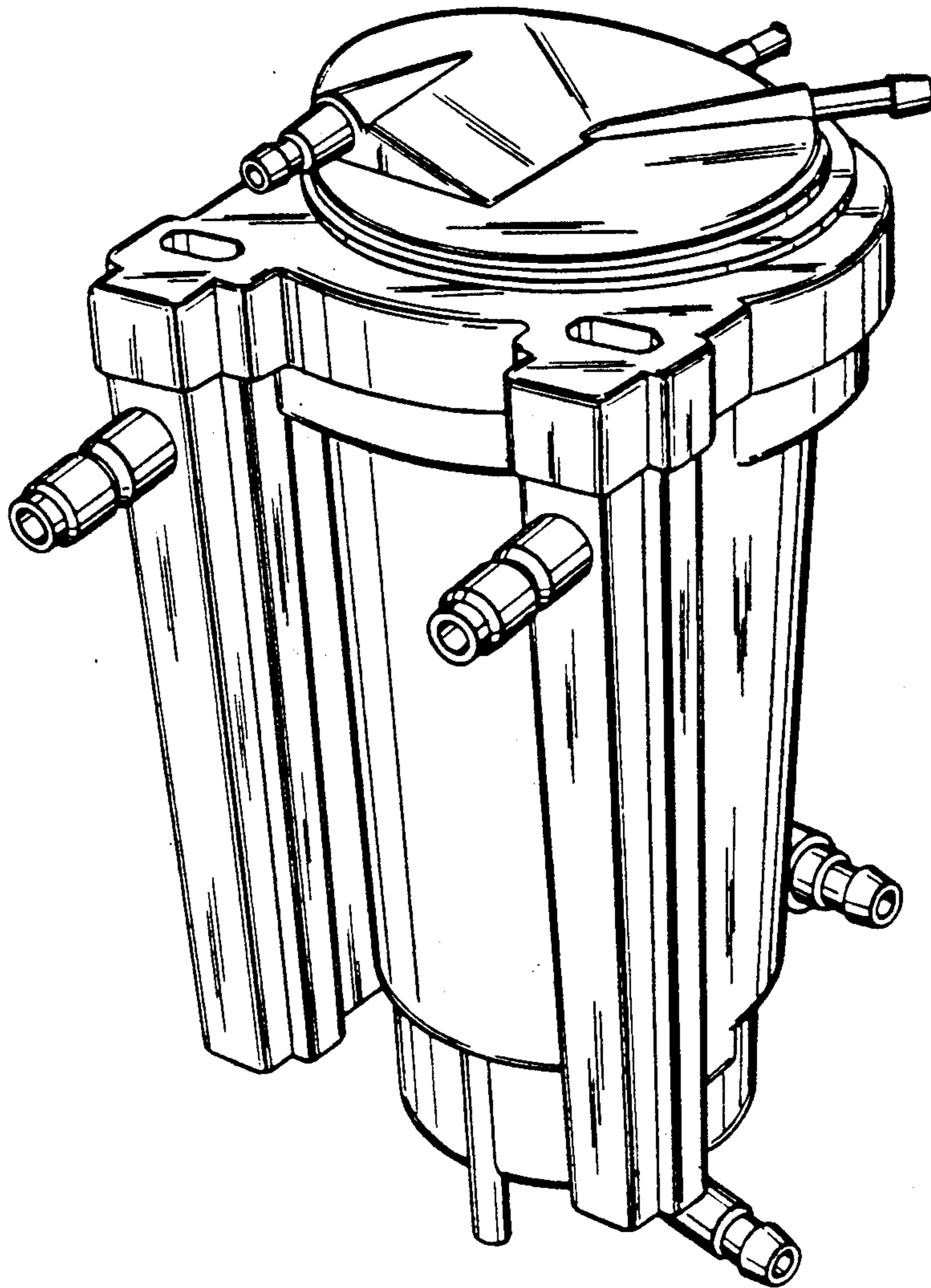
## CLAIM

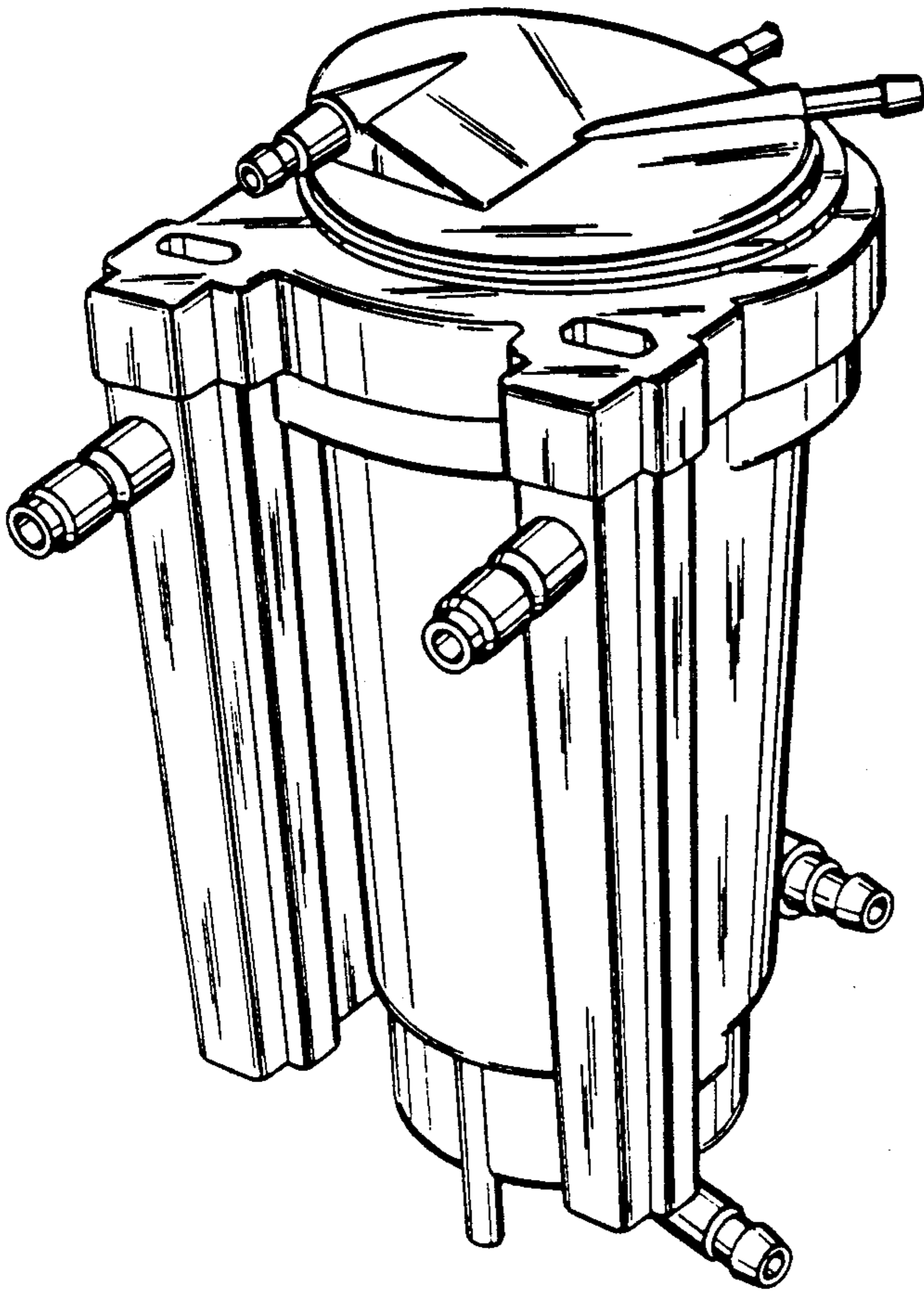
The ornamental design for an oxygenator, as shown.

## DESCRIPTION

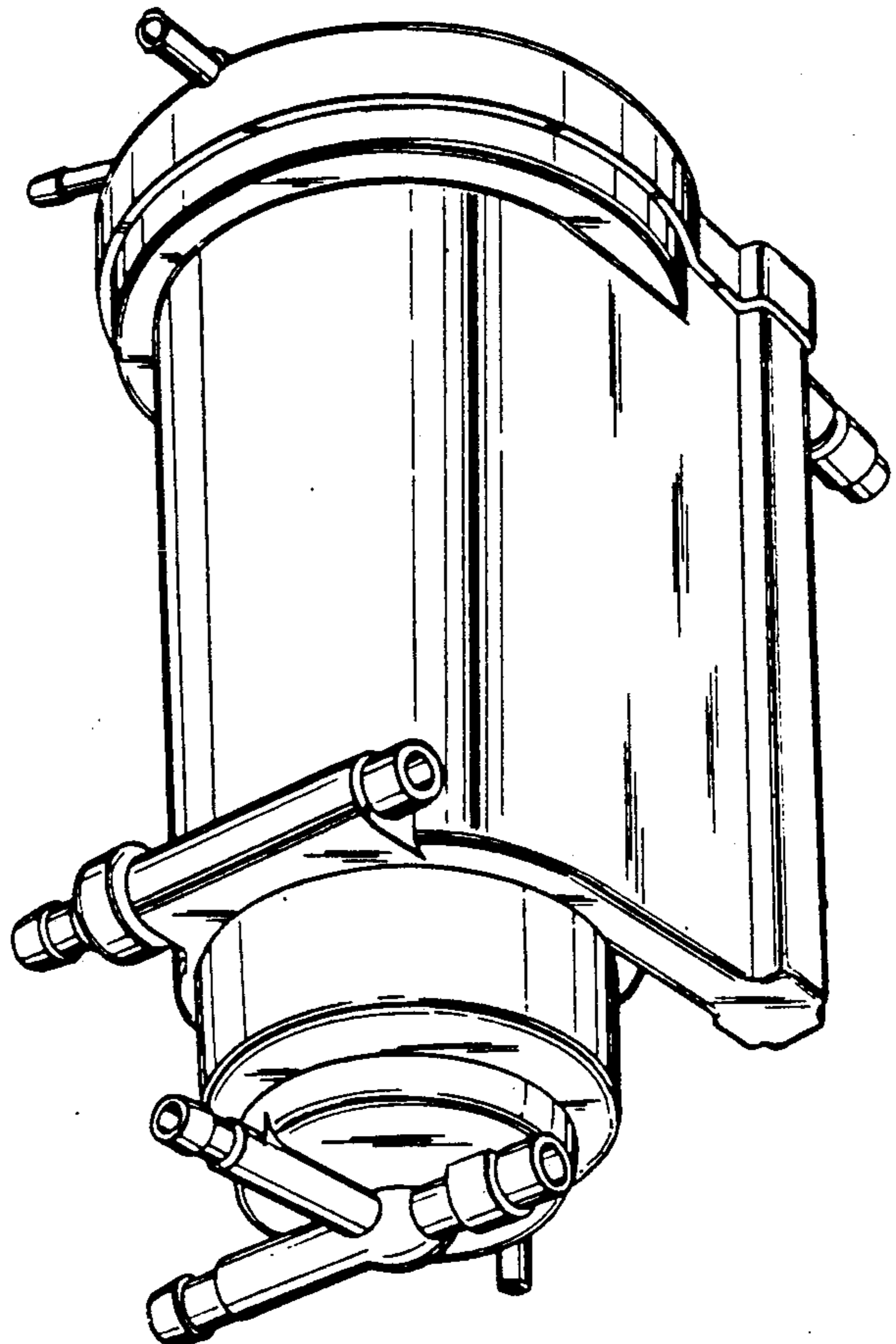
FIG. 1 is a top perspective view of an oxygenator showing our new design;

FIG. 2 is a bottom perspective view thereof.





*Fig. 1*



*Fig. 2*