

[54] **STATIC TRACHEOSTOMY TUBE**

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[76] **Inventor:** Everard F. Cox, 4510 Mt. Carmel Rd., Hampstead, Md. 21074

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Primary Examiner—Henry J. Recla
Attorney, Agent, or Firm—Walter G. Finch

Related U.S. Application Data

[57] **ABSTRACT**

[63] Continuation of Ser. No. 214,243, Dec. 8, 1980, Pat. No. 4,340,046.

The invention is an improved tracheostomy tube for providing a reliable airway for patients requiring mechanical assistance in breathing, without the complications of prolonged tracheostomy that are present in current tracheostomy tube devices. The present invention makes tracheostomy a safer modality of care with four distinctive features in the configuration. The four distinctive features are (1) a precision cuff fitted to each trachea; (2) a flexible tube that will conform to any depth of the trachea within the neck; (3) a self-locking clip that adjusts the tube securely to any neck regardless of the depth of the trachea; and (4) a malleable but rigid obturator for ease of insertion. These four features comprise the structure of the improved tracheostomy tube, being (1) a flexible tube, (2) an encircling pressure cuff, (3) a removably insertable malleable obturator, and (4) a self-locking neck plate to secure the tube to the neck.

[51] **Int. Cl.³** A61M 16/00

[52] **U.S. Cl.** 128/207.15; 128/207.17

[58] **Field of Search** 128/207.14, 207.15, 128/207.16, 207.17, 200.26; 24/115 G, 263 R, 205.14 K; 49/477; 138/93, 113; 604/96, 97, 98, 99, 100, 101, 102, 103

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6 Claims, 10 Drawing Figures

