

[54] INTUBATING VIDEO ENDOSCOPE

[76] Inventor: George Berci, 1650 San Ysidro Dr., Beverly Hills, Calif. 90210

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[58] Field of Search 128/3, 4, 5, 6, 7, 328; 604/96, 97, 98, 99, 100, 101, 102, 103

[56] References Cited

U.S. PATENT DOCUMENTS

3,760,797	9/1973	Stauffer	128/6
3,788,304	1/1974	Takahashi	128/6
4,146,019	3/1979	Bass et al.	128/6
4,495,948	1/1985	Shapiro	604/99 X
4,615,332	10/1986	Buess et al.	128/6
4,616,630	10/1986	Arakawa	128/4

Attorney, Agent, or Firm—Marvin H. Kleinberg; Matthew F. Jodziewicz

[57] ABSTRACT

An endoscope includes an elongated sheath member, with a selectively controllable bendable section which houses an image forming optical system. A generally rigid section includes a control housing. An image transmitting optical system extends throughout the length of the sheath member and terminates behind and adjacent the image forming system. A light transmitting system also extends throughout the length of the sheath member to the image forming optical system, the rearward end of which is adapted to be operatively connected to a light source. A channel, extending throughout the length of the sheath member, provides a flow of pressurized gas is directed across the image forming optical system to keep the image forming optical system operationally clear.

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9 Claims, 3 Drawing Sheets

