

[54] CATHETER AND METHOD

[76] Inventor: Jerome H. Lemelson, 85 Rector St., Metuchen, N.J. 08840

[21] Appl. No.: 201,531

[22] Filed: Oct. 28, 1980

3,895,634	7/1975	Berger et al.	128/263
4,023,559	5/1977	Gaskell	128/759
4,157,709	6/1979	Schuster et al.	604/14

FOREIGN PATENT DOCUMENTS

587229	11/1933	Fed. Rep. of Germany	128/263
609894	8/1926	France	128/264

Primary Examiner—Dalton L. Truluck

Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 885,263, Mar. 10, 1978, abandoned.

[51] Int. Cl.⁴ A61M 25/00

[52] U.S. Cl. 604/59; 604/14; 604/218; 604/256; 128/1.2

[58] Field of Search 128/213 R, 1.1, 1.2, 128/215-218 R, 218 P, 218 PA, 218 A, 220, 221, 235, 260, 261-262, 263-264; 604/14.15, 59.60, 218, 280, 256

[57] ABSTRACT

A device and method are provided for disposing a quantity of matter at a select location within an animal or human body. In one form, the matter is a solid material, such as medication which dissolves with time, a source of radiation such as gamma radiation, a sensor or transducer in a housing which includes a short wave transmitter or other material or device which is operable to beneficially effect human tissue or body function when it is inserted into the body. The material is retained within a housing located at an end of a flexible tube or catheter which is inserted into a body cavity and is manipulated from the other end thereof to a predetermined location within the body cavity. Suitable actuating means located at the external end of the catheter is operated, when the head end thereof is at a predetermined location within the human body, to cause the material supported within the head to be ejected therefrom.

[56] References Cited

U.S. PATENT DOCUMENTS

2,007,626	7/1935	Waring	128/264
2,170,599	8/1939	Stricklin	604/218
2,518,486	8/1950	Mende	128/261
3,043,303	7/1962	Still	128/214 E
3,238,941	3/1966	Klein et al.	128/264
3,334,629	8/1967	Cohn	128/325
3,415,419	12/1968	Jewett et al.	128/218 A
3,589,356	6/1971	Silverman	128/262
3,760,808	9/1973	Bleuer	128/263

5 Claims, 3 Drawing Figures

