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* Feb. 10, 1981

[54]	DRUG MA	IBLE SYSTEM FOR DELIVERING NUFACTURED FROM RBOXYLIC ACID)			
[75]	Inventors:	Jorge Heller, Palo Alto, Calif.; Richard W. Baker, Bend, Oreg.			
[73]	Assignee:	Alza Corporation, Palo Alto, Calif.			
[*]	Notice:	The portion of the term of this patent subsequent to May 21, 1991, has been disclaimed.			
[21]	Appl. No.:	54,788			
[22]	Filed:	Jul. 5, 1979			
[60]	No. 4,180,064, which is a division of Ser. No. 591,443, Jun. 30, 1975, Pat. No. 4,014,987, which is a continuation-in-part of Ser. No. 467,246, Jun. 4, 1974, abandoned, which is a continuation-in-part of Ser. No. 318,831, Dec. 27, 1972, abandoned.				
		A61M 7/00 128/260; 128/271;			
[58]	Field of Sea	424/33 arch			
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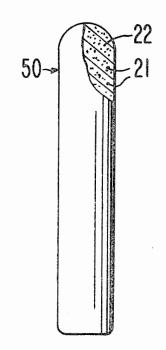
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Primary Examiner—Robert W. Michell Assistant Examiner—C. F. Rosenbaum Attorney, Agent, or Firm—Paul L. Sabatine; Thomas E. Ciotti; Edward L. Mandell

[57] ABSTRACT

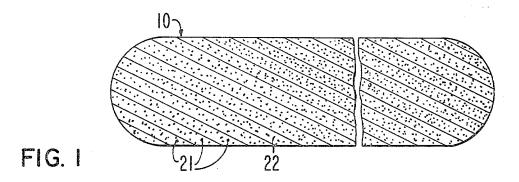
A device for the controlled continuous administration of an active agent to an environment of use is disclosed. The device comprises a body of erodible agent release rate controlling material containing an agent dispersed therethrough; the rate controlling material is a hydrophobic poly(carboxylic acid) having one ionizable carboxylic hydrogen for each 8 to 12 carbon atoms, which material erodes at a controlled and continuous rate over a prolonged period of time in response to the environment by a process of carboxylic hydrogen ionization, thereby releasing the dispersed agent at a controlled rate over a prolonged period of time.

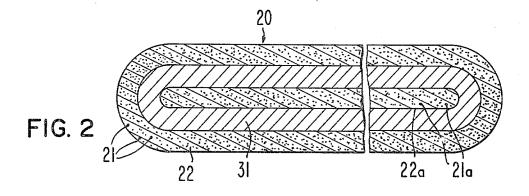
15 Claims, 9 Drawing Figures

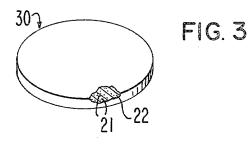


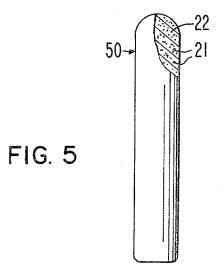


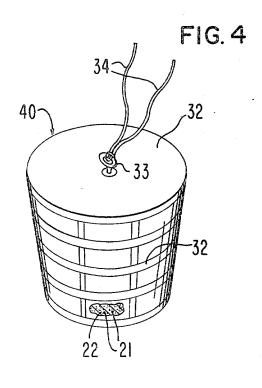












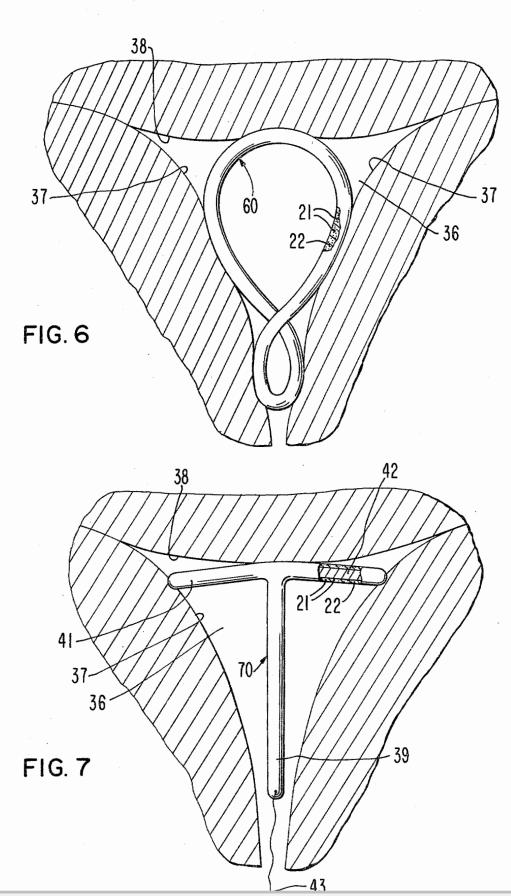
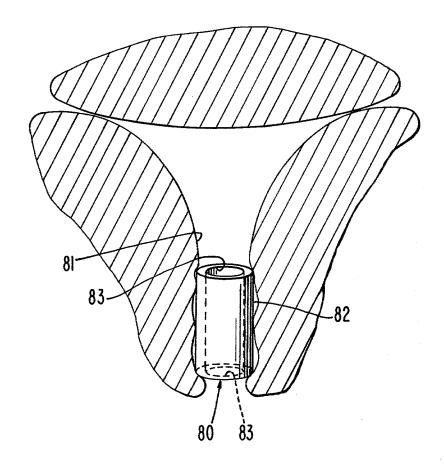
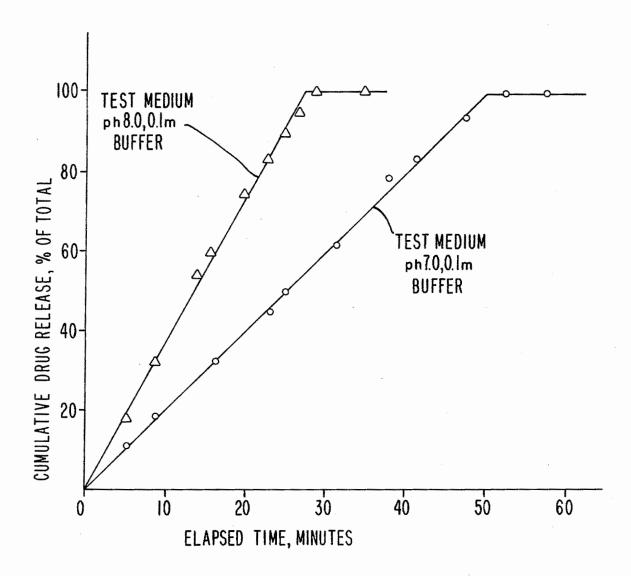




FIG. 8







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