United States Patent [19]

Mehta et al.

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[54]		ATIONS PROVIDING THREE PRELEASES		
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[73]	Assignee:	American Home Products Corporation, New York, N.Y.		
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[60]	Division of Ser. No. 100,646, Sep. 24, 1987, Pat. No. 4,794,001, which is a division of Ser. No. 836,033, Mar. 4, 1986, Pat. No. 4,728,512, which is a continuation-in-part of Ser. No. 731,175, May 6, 1985, abandoned.			
[51] [52]	Int. Cl. ⁴ U.S. Cl	A61K 9/64 424/456; 424/458; 424/461; 424/462		
[58]	Field of Sea	rch 424/456, 458, 461, 462		
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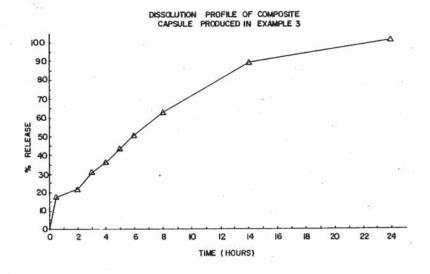
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Primary Examiner—Thurman K. Page Attorney, Agent, or Firm—John W. Routh

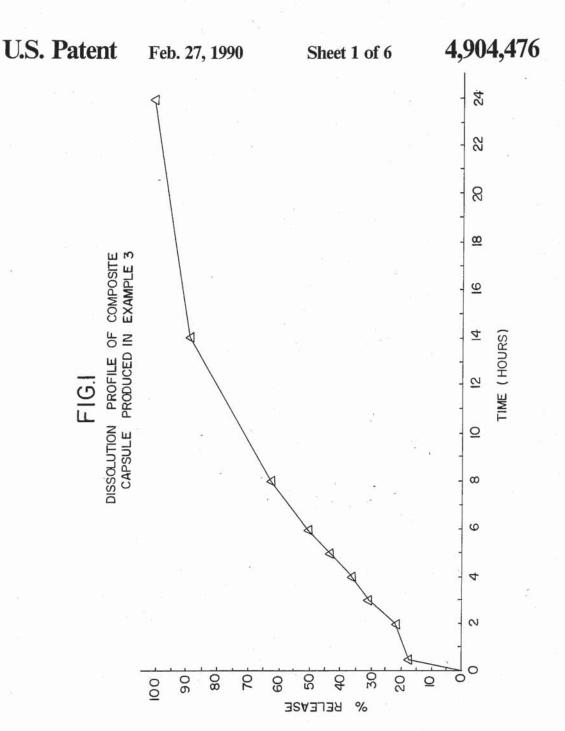
[57] ABSTRACT

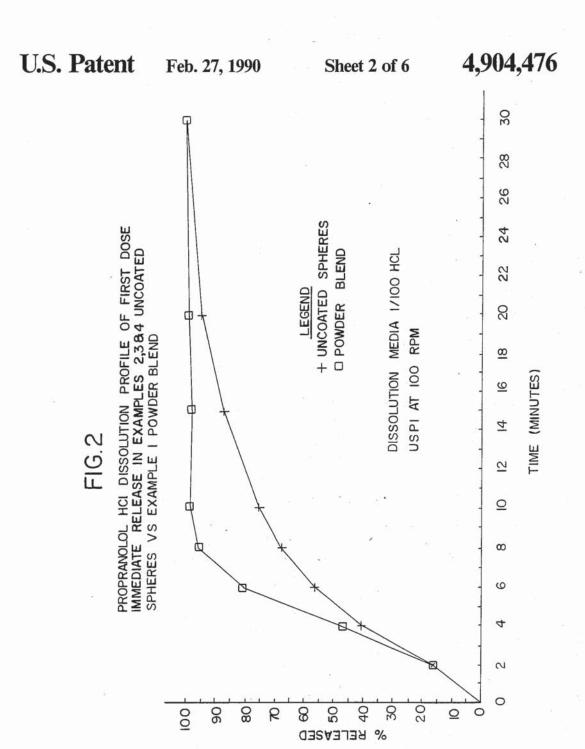
A therapeutic preparation consisting of three groups of spheroids containing an active medicinal substance. The first group of spheroids is uncoated and rapidly disintegrates upon ingestion to release an initial dose of medicinal substance a second group of spheroids is coated with a pH sensitive coat to provide a second dose and a third group of spheroids is coated with a pH independent coat to provide a third dose. A powder blend of active medicinal substance may be substituted for the first group of uncoated spheroids. The therapeutic preparation may be utilized as a mixture of groups of spheroids in a capsule.

5 Claims, 6 Drawing Sheets

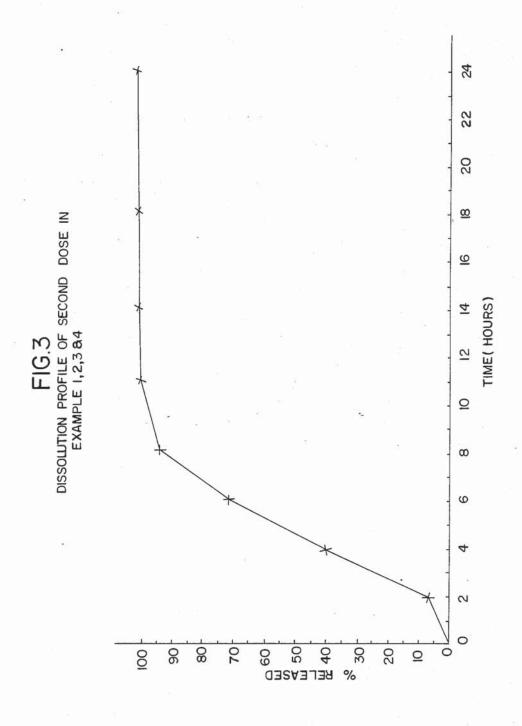


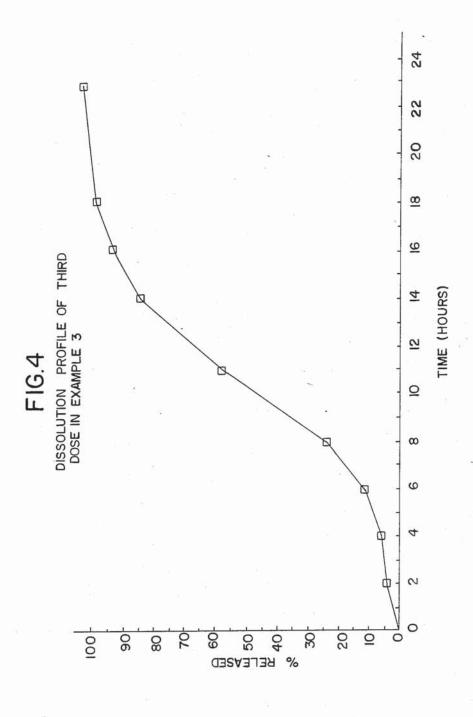






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