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(54) **INTRANASAL OPIOID COMPOSITIONS**

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514/329; 514/326

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(57) **ABSTRACT**

(22) Filed: **May 28, 2010**

**Related U.S. Application Data**

(63) Continuation of application No. 10/647,789, filed on Aug. 25, 2003, now abandoned, which is a continuation-in-part of application No. 09/790,199, filed on Feb. 20, 2001, now Pat. No. 6,610,271, which is a continuation-in-part of application No. 09/569,125, filed on May 10, 2000, now abandoned.

The present invention relates to pharmaceutical compositions for intranasal administration to a mammal that contain an effective amount of an opioid, a liquid nasal carrier for the opioid, and optionally a sweetener, flavoring agent or masking agent. In some embodiments of the present invention, the pharmaceutical compositions have improved bioavailability. In other embodiments of the present invention, the opioid compositions improve patient compliance.

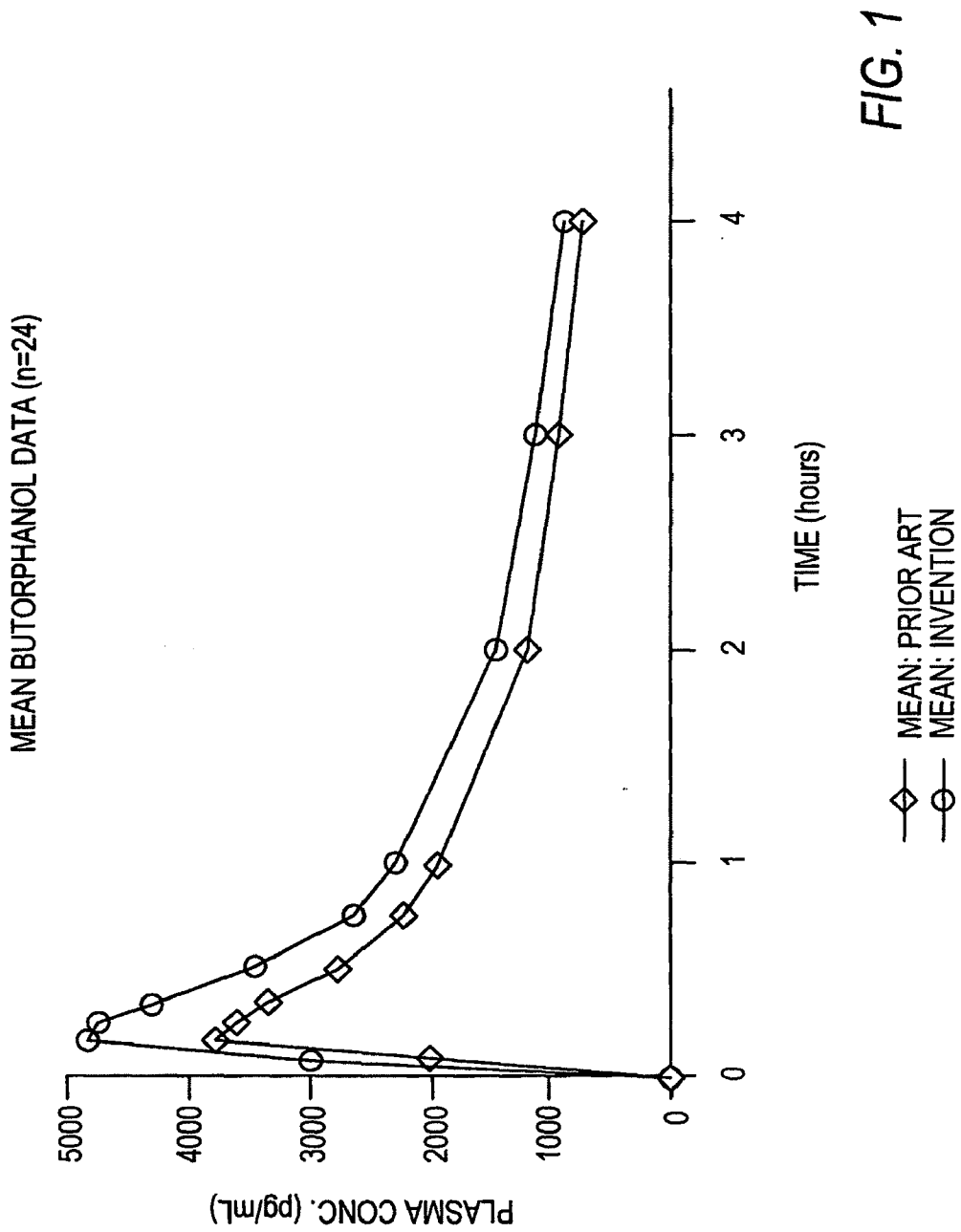


FIG. 1

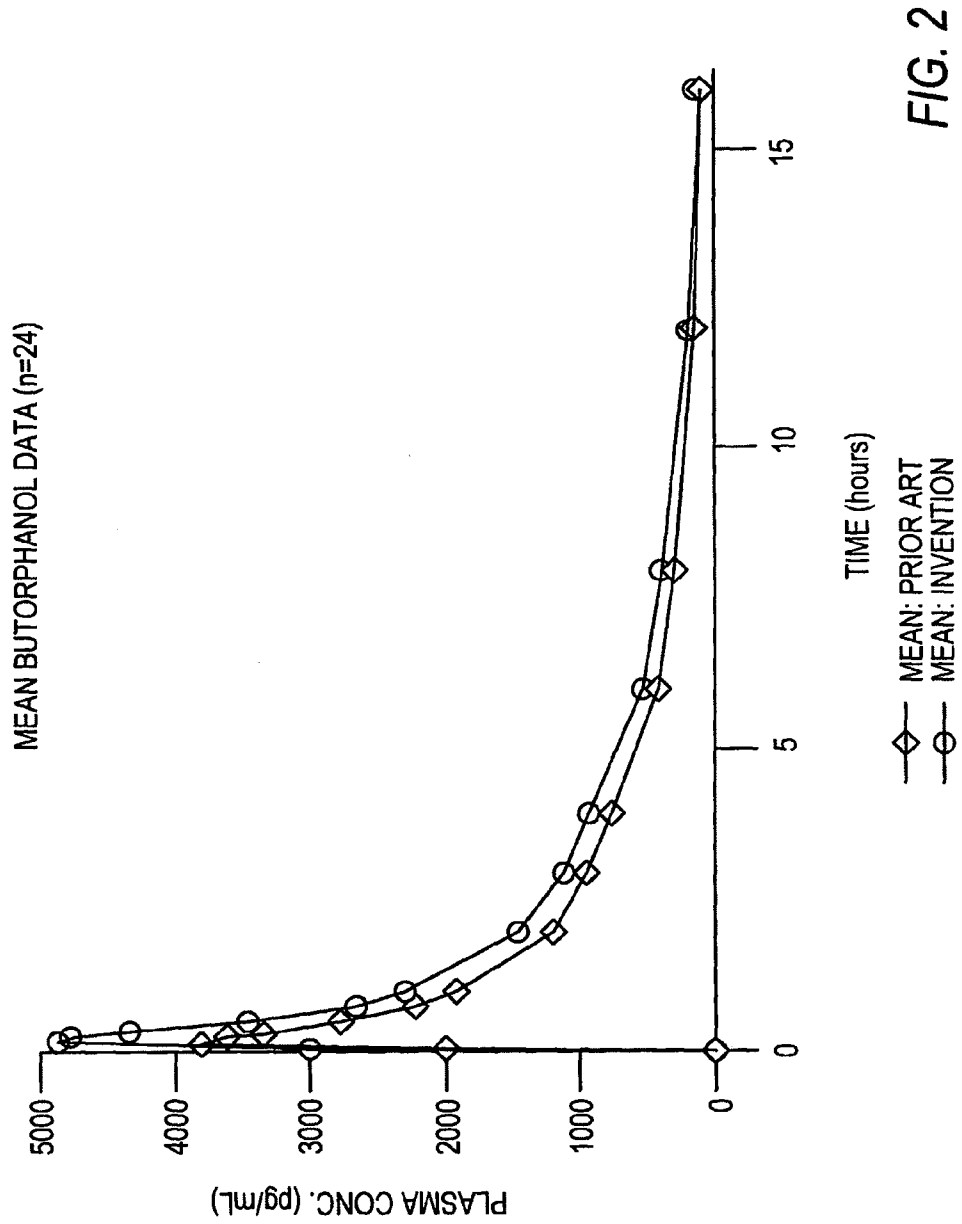


FIG. 2

MEAN (n=9) HYDROMORPHONE CONCENTRATION VERSUS TIME GRAPHS FOLLOWING IV, IM, AND IN DOSES OF 2 mg HYDROMORPHONE HCl. (6 HRS AFTER DOSE)

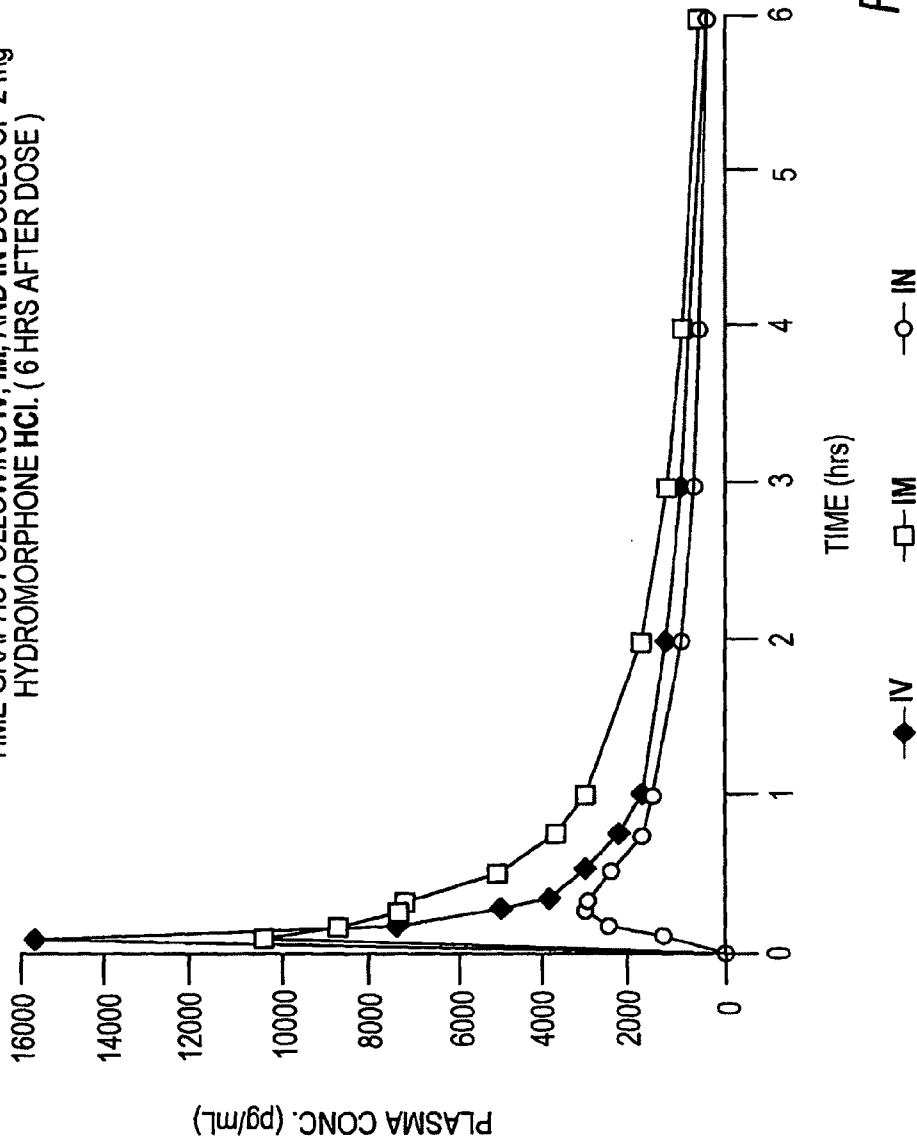


FIG. 3

MEAN (n=9) HYDROMORPHONE CONCENTRATION VERSUS TIME GRAPHS FOLLOWING IV, IM, AND IN DOSES OF 2 mg HYDROMORPHONE HCl. ( 16 HRS AFTER DOSE )

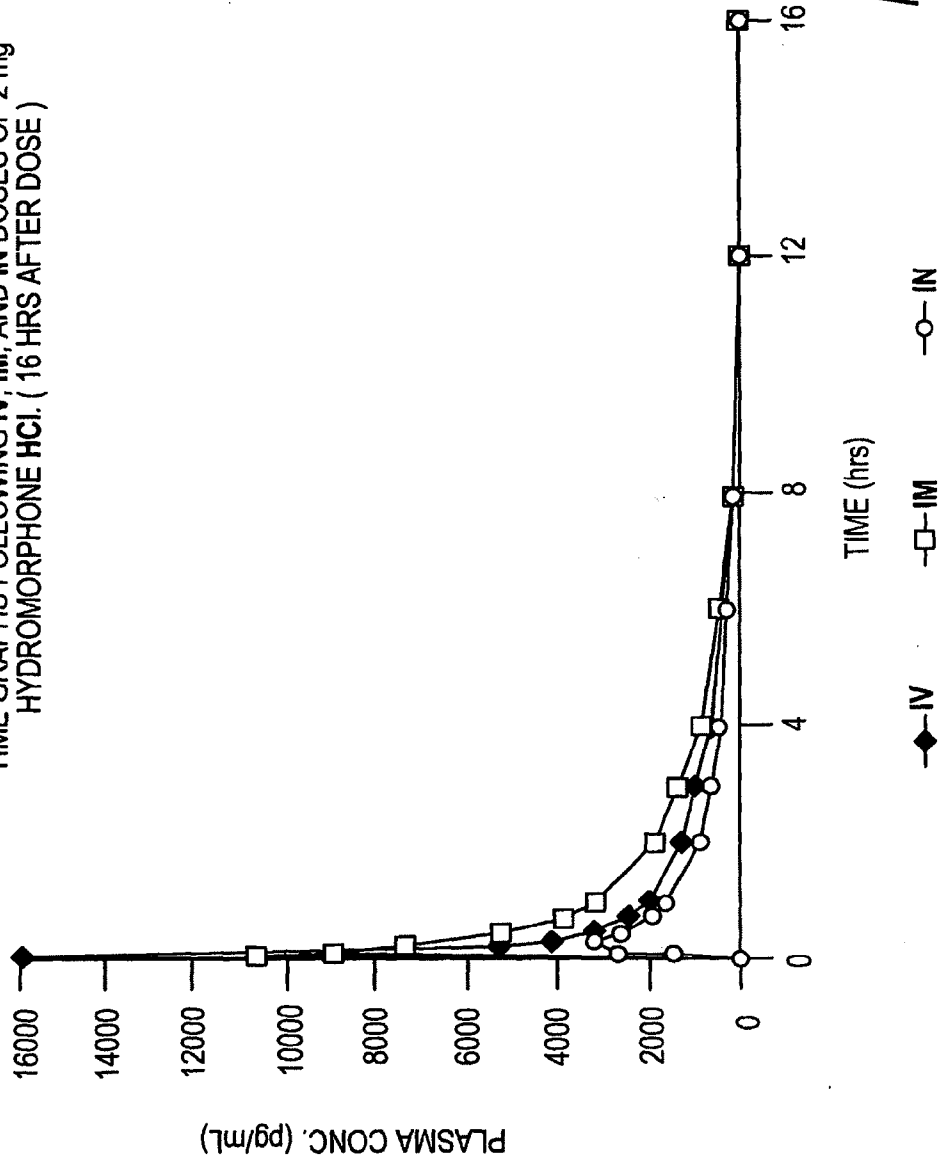


FIG. 4

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