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**Crystal et al.**

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(54) **NASAL DRUG PRODUCTS AND METHODS OF THEIR USE**

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This patent is subject to a terminal disclaimer.

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**Related U.S. Application Data**

(63) Continuation of application No. 14/942,344, filed on Nov. 16, 2015, which is a continuation-in-part of application No. 14/659,472, filed on Mar. 16, 2015, now Pat. No. 9,211,253.

(60) Provisional application No. 61/953,379, filed on Mar. 14, 2014.

(51) **Int. Cl.**  
**A61M 31/00** (2006.01)  
**A61M 5/00** (2006.01)  
**A61F 13/00** (2006.01)  
**A61K 31/56** (2006.01)  
**A61K 47/02** (2006.01)

(52) **U.S. Cl.**  
CPC ..... **A61M 31/00** (2013.01); **A61K 47/02** (2013.01)

(58) **Field of Classification Search**  
None  
See application file for complete search history.

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(57) **ABSTRACT**

Drug products adapted for nasal delivery, comprising a pre-primed device filled with a pharmaceutical composition comprising an opioid receptor antagonist, are provided. Methods of treating opioid overdose or its symptoms with the inventive drug products are also provided.

**45 Claims, 7 Drawing Sheets**

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FIG. 1

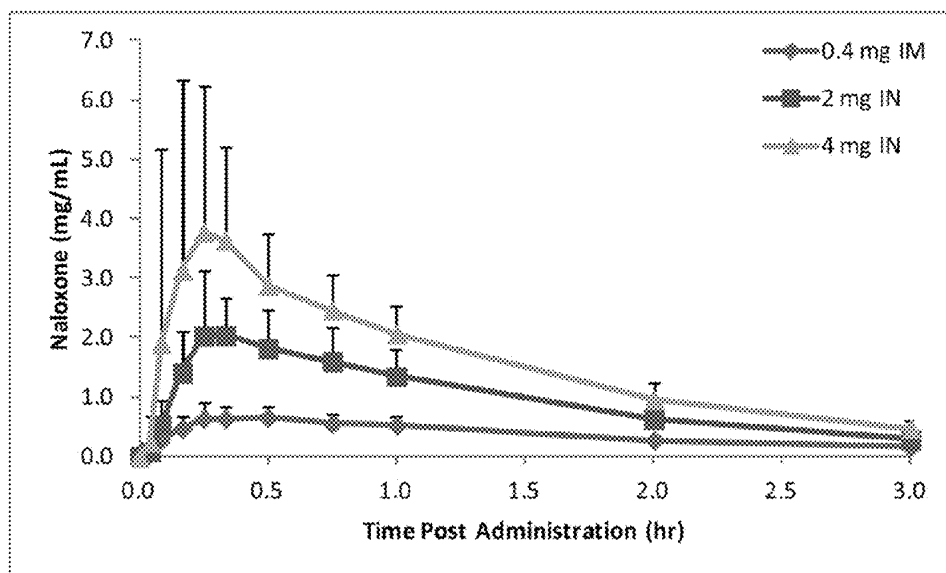


FIG. 2

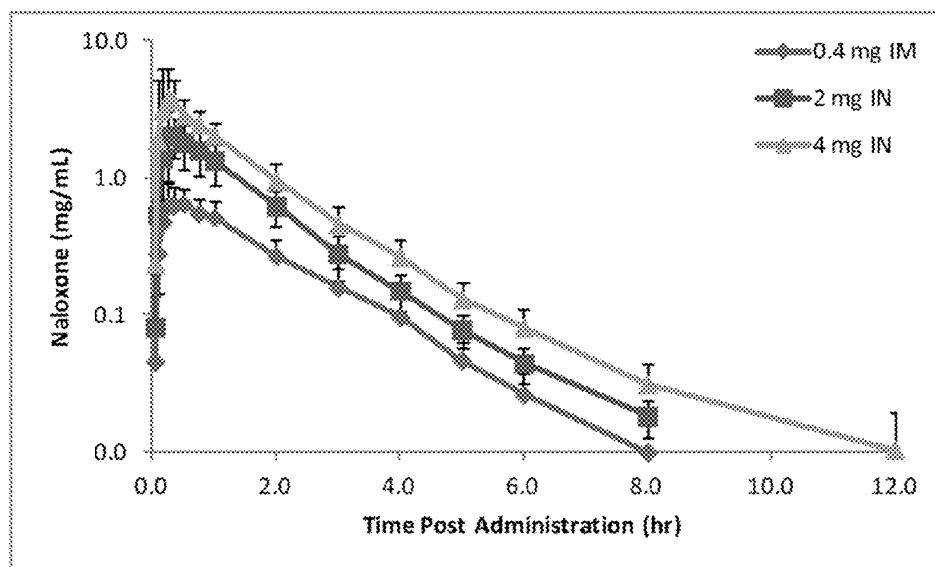
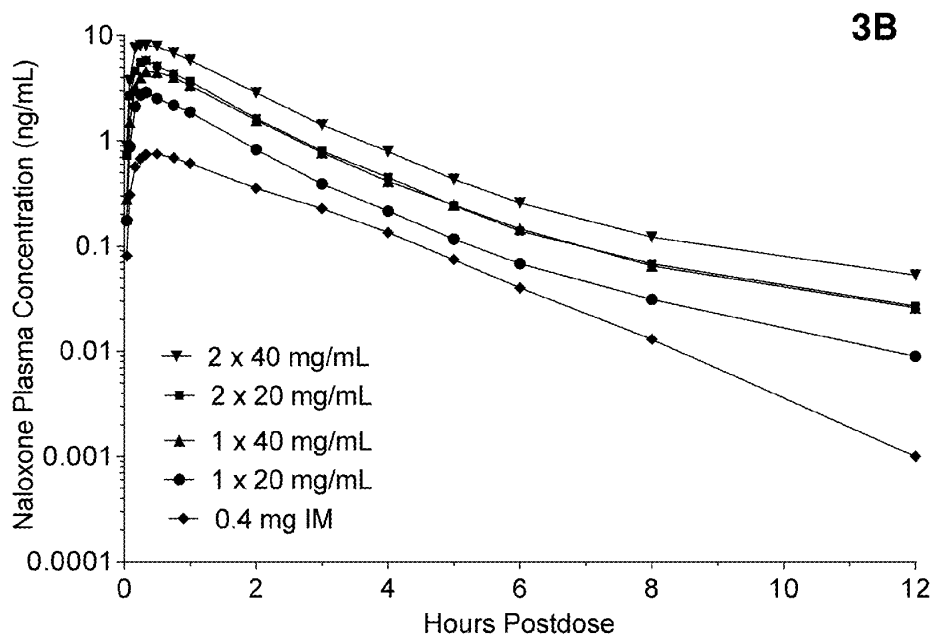
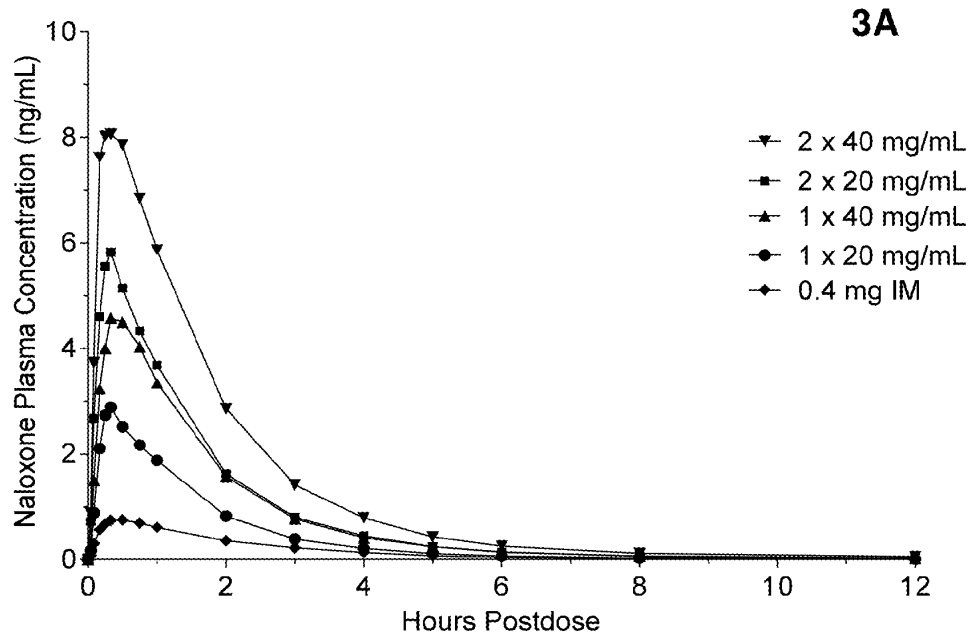


FIG. 3



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