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(12) **United States Patent**
Kim et al.(10) **Patent No.: US 6,284,727 B1**
(45) **Date of Patent: Sep. 4, 2001**(54) **PROLONGED DELIVERY OF PEPTIDES**(75) Inventors: **Yesook Kim; William J. Lambert; Hong Qi; Robert A Gelfand; Kieran F. Geoghegan; Dennis E. Danley**, all of New York, NY (US)(73) Assignee: **Scios, Inc.**, Sunnyvale, CA (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **08/472,349**(22) Filed: **Jun. 7, 1995****Related U.S. Application Data**

(63) Continuation of application No. 08/181,655, filed on Jan. 25, 1994, now abandoned, which is a continuation-in-part of application No. 08/044,133, filed on Apr. 7, 1993, now abandoned.

(51) **Int. Cl.⁷** **A61K 38/00**(52) **U.S. Cl.** **514/12; 530/324**(58) **Field of Search** **514/12; 530/324**(56) **References Cited****U.S. PATENT DOCUMENTS**

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Primary Examiner—Sheela Huff(74) **Attorney, Agent, or Firm**—Sterne, Kessler, Goldstein & Fox P.L.L.C.(57) **ABSTRACT**

There are disclosed methods for the treatment of non-insulin dependent diabetes mellitus in a mammal comprising the prolonged administration of GLP-1 (7-37), and related peptides. Also disclosed are compositions to prolong the administration of the peptides.

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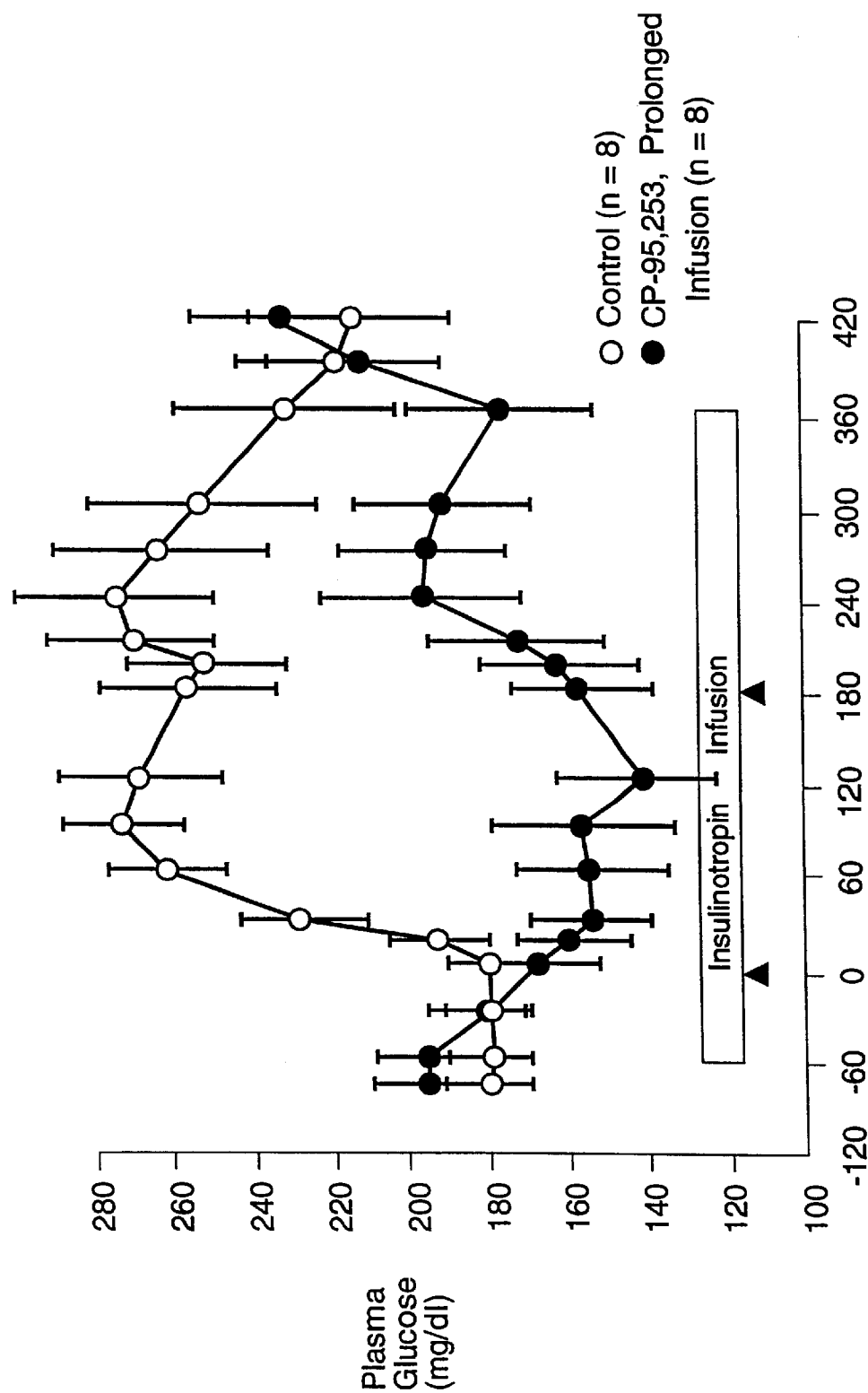
FIG. 1

FIG. 2

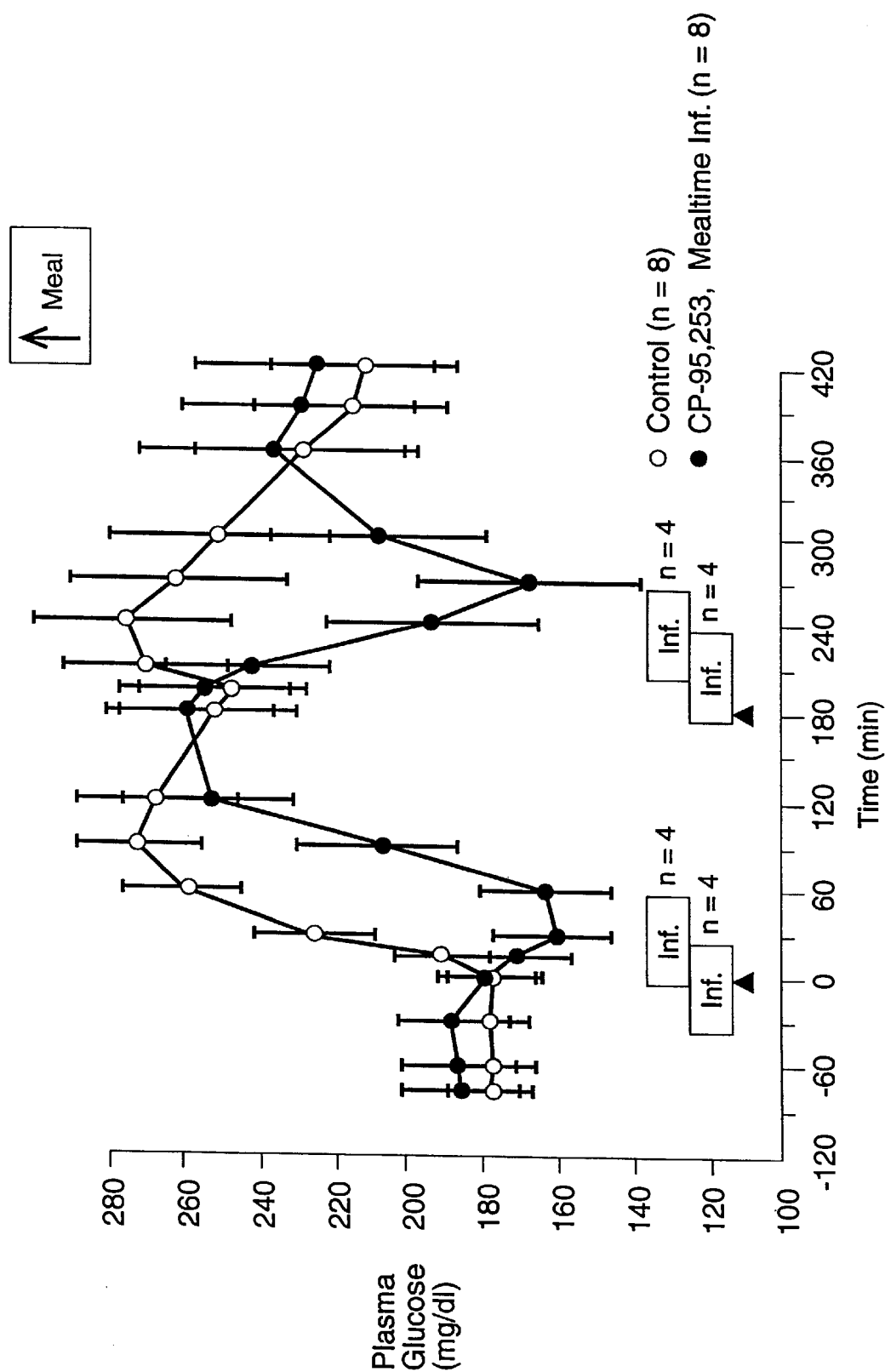
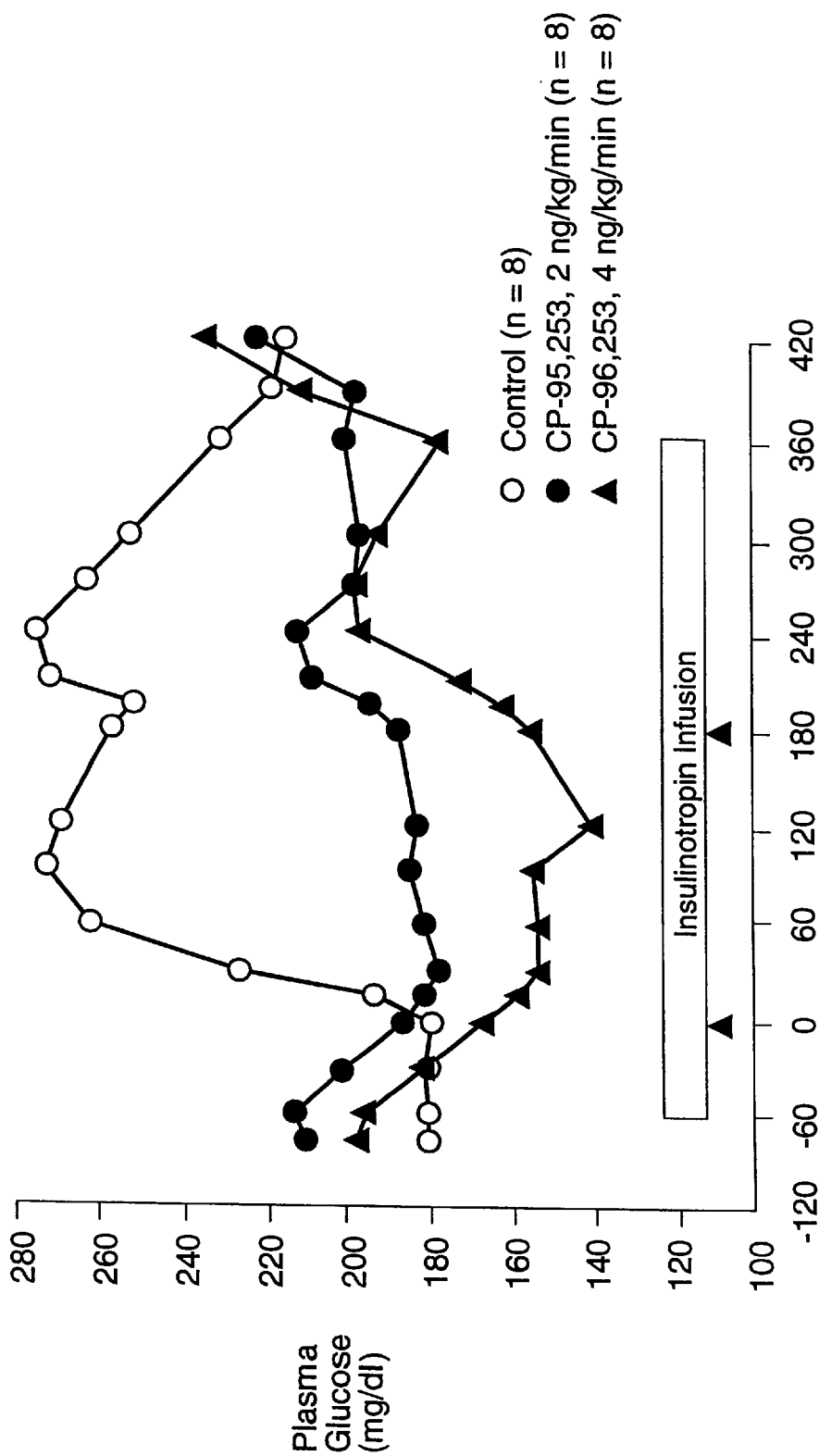


FIG. 3



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