

Exhibit A

(12) **United States Patent**
Pedersen et al.

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(54) **PROPYLENE GLYCOL-CONTAINING
PEPTIDE FORMULATIONS WHICH ARE
OPTIMAL FOR PRODUCTION AND FOR USE
IN INJECTION DEVICES**

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 663 days.

This patent is subject to a terminal dis-
claimer.

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(52) **U.S. Cl.** **514/2; 530/308**

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

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(57) **ABSTRACT**

The present invention relates to pharmaceutical formulations comprising a peptide and propylene glycol, to methods of preparing such formulations, and to uses of such formulations in the treatment of diseases and conditions for which use of the peptide contained in such formulations is indicated. The present invention further relates to methods for reducing the clogging of injection devices by a peptide formulation and for reducing deposits on production equipment during production of a peptide formulation.

31 Claims, 7 Drawing Sheets

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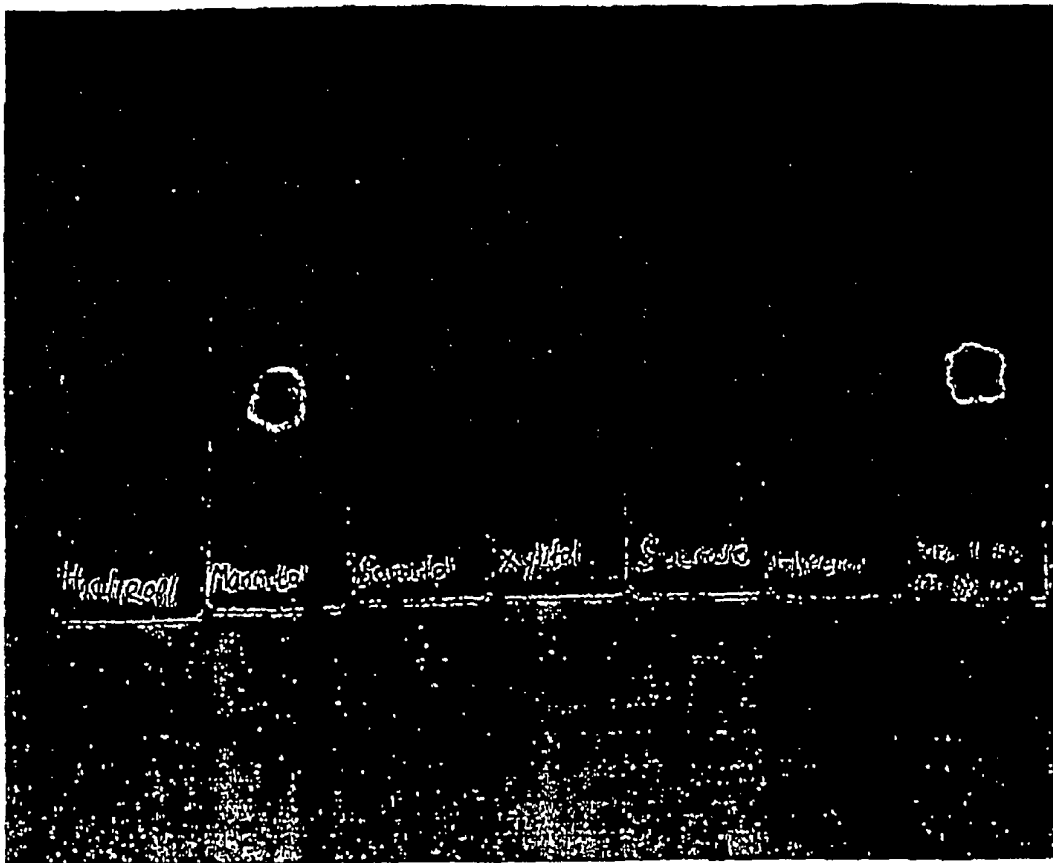
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FIGURE 1



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