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Cloutier et al.

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(54) **METHOD FOR DELIVERING BENZINDENE PROSTAGLANDINS BY INHALATION**

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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 0 days.

This patent is subject to a terminal disclaimer.

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Related U.S. Application Data

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(51) **Int. Cl.**⁷ **A61K 9/12**; A61K 9/14;
A61K 31/19

(52) **U.S. Cl.** **424/45**; 424/46; 424/489;
514/571; 514/573; 560/56

(58) **Field of Search** 424/45, 46, 489,
424/305; 514/454, 569, 573, 571

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(57) **ABSTRACT**

A method of delivering benzindene prostaglandins to a patient by inhalation is discussed. A benzindene prostaglandin known as UT-15 has unexpectedly superior results when administered by inhalation compared to parenterally administered UT-15 in sheep with induced pulmonary hypertension.

10 Claims, 18 Drawing Sheets

FIG. 1

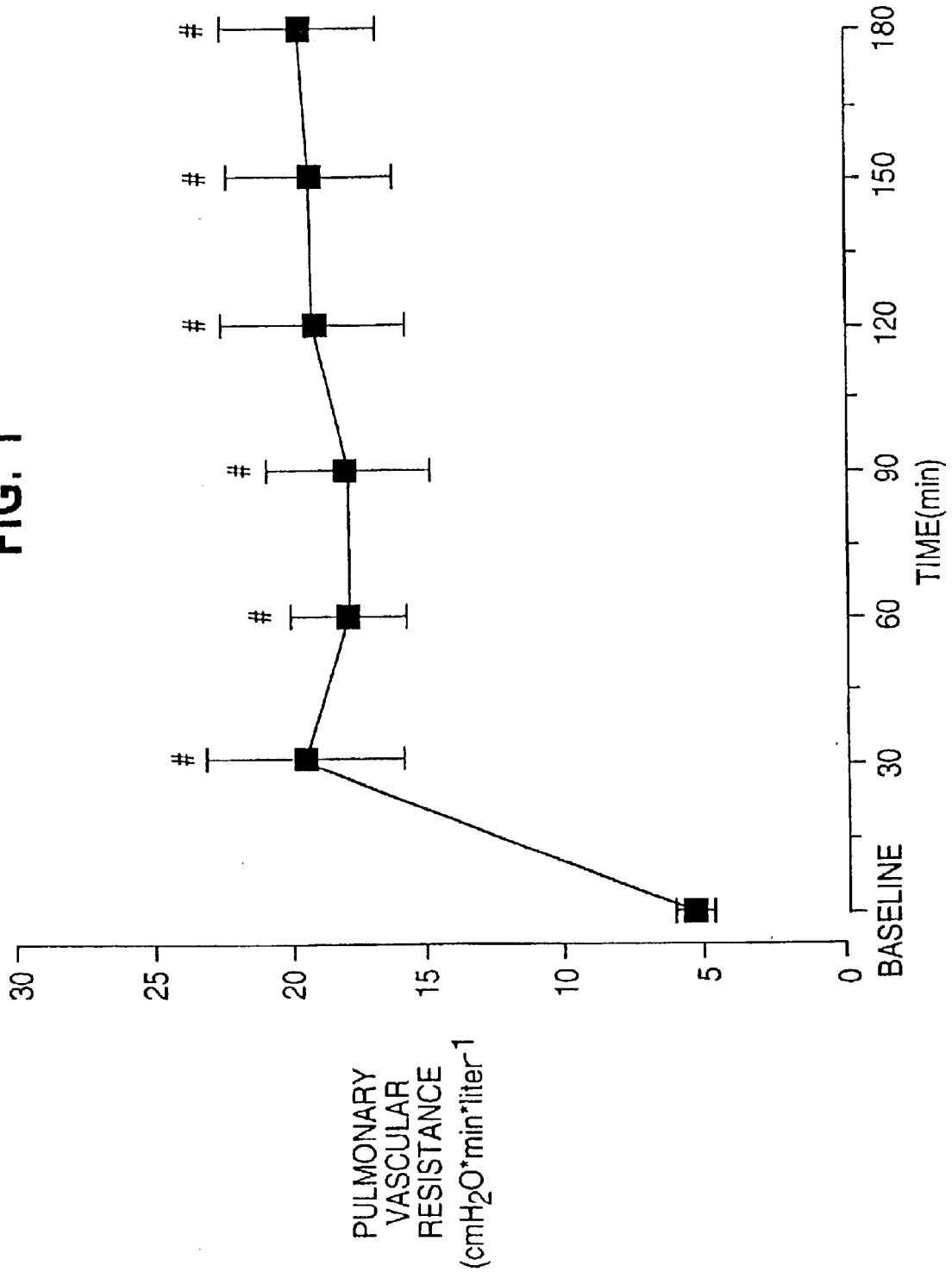
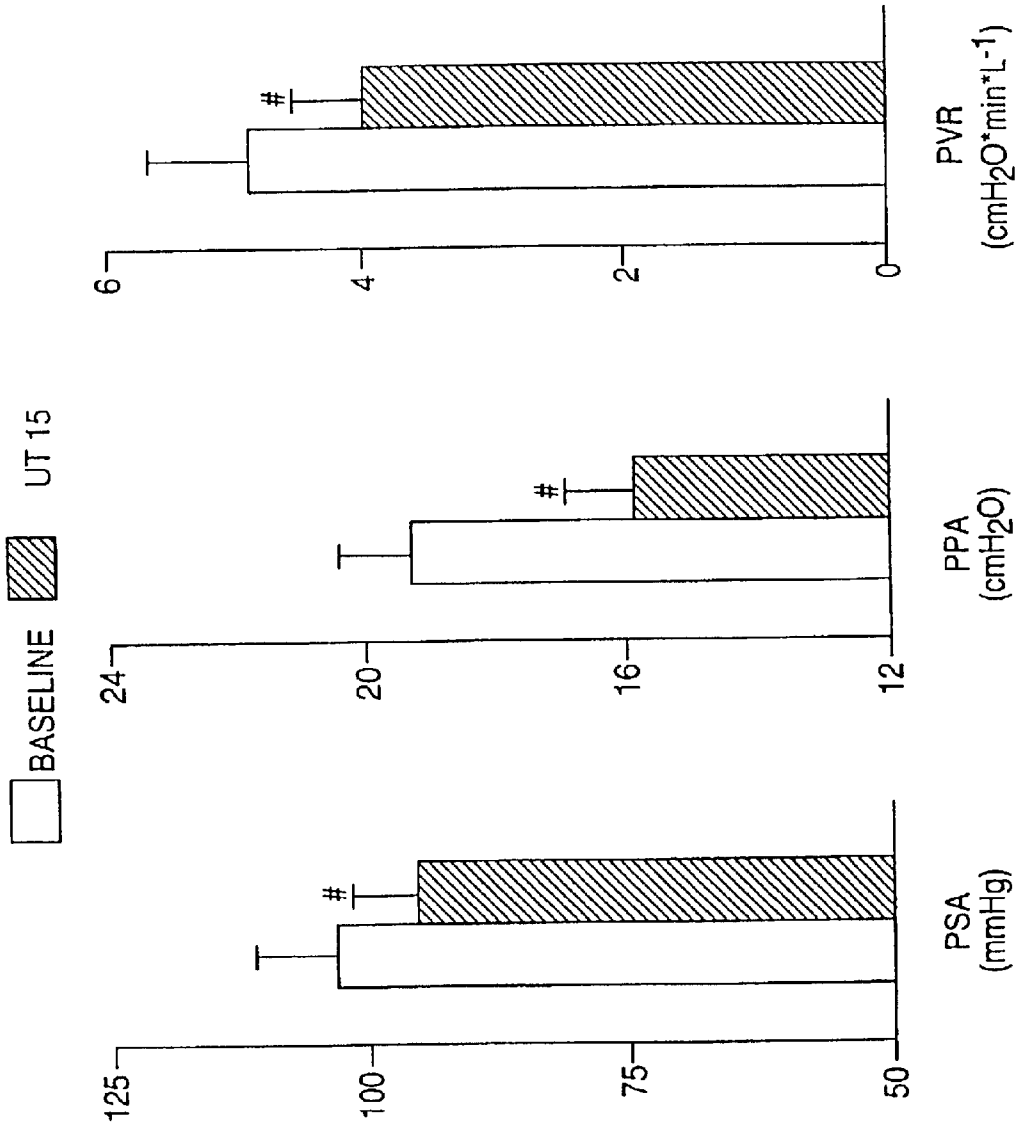


FIG. 2



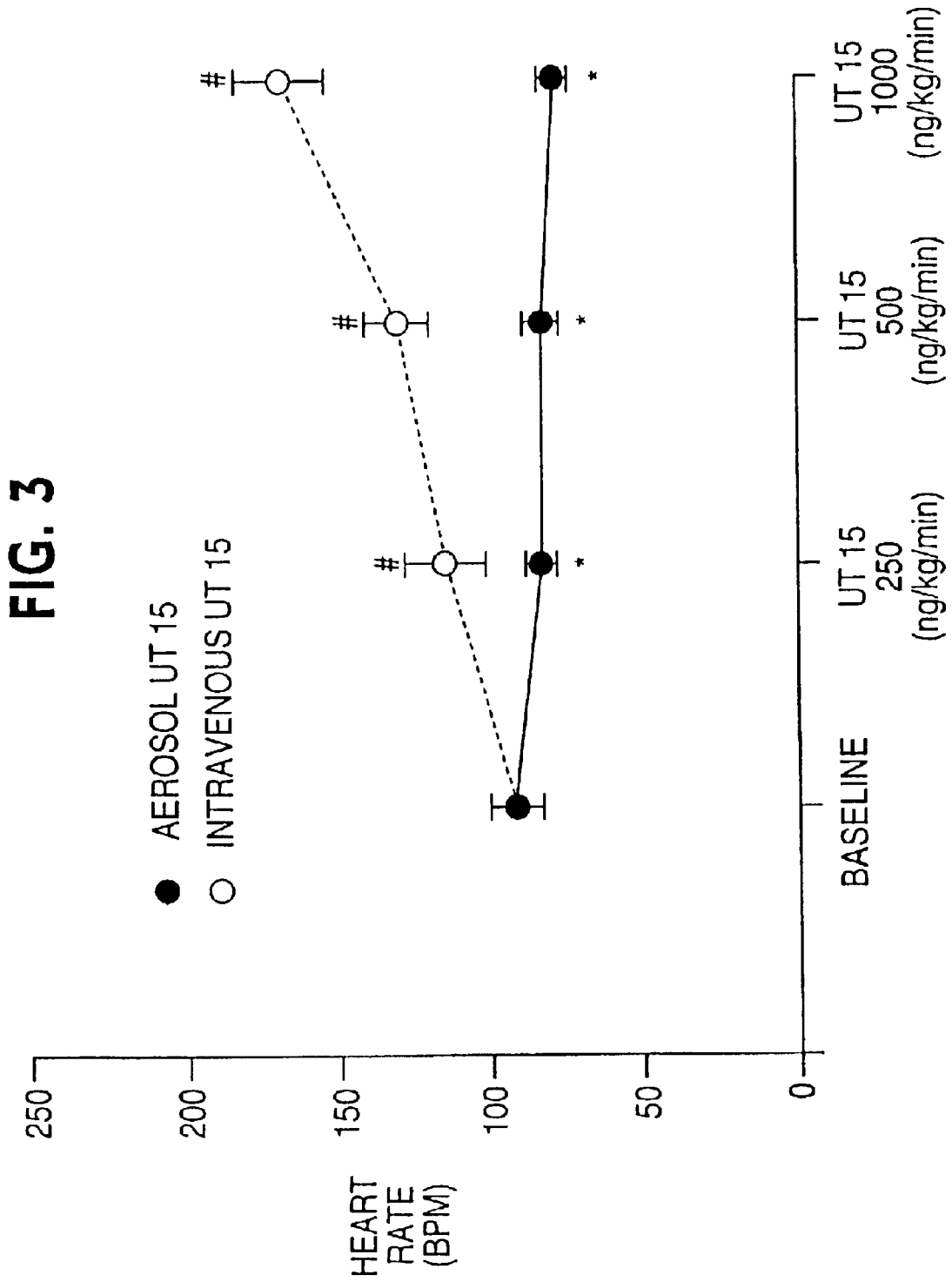
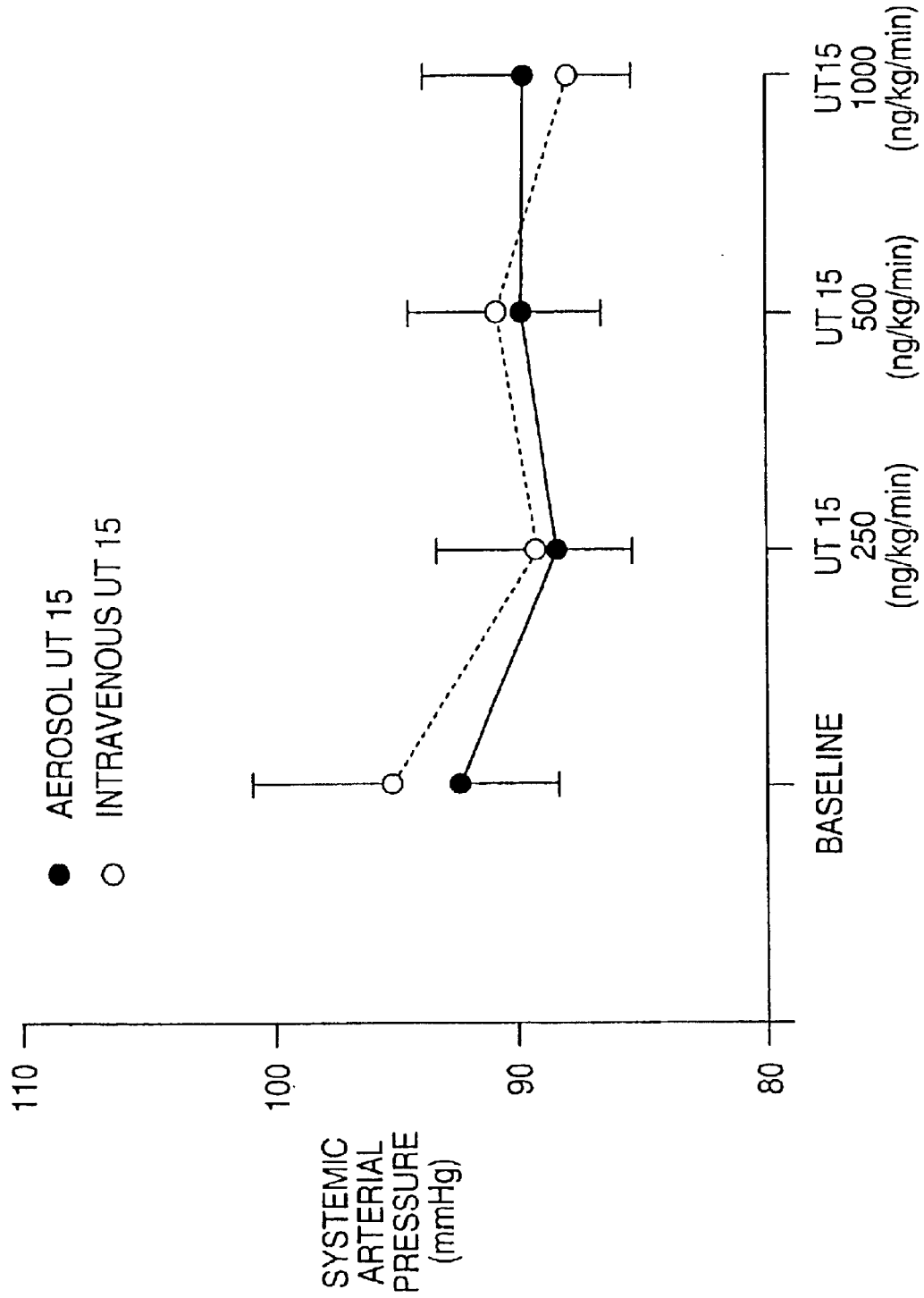


FIG. 4



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