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60/854,501 25 October 2006 (25.10.2006) US(71) Applicant (for all designated States except US): **THE JACKSON LABORATORY** [US/US]; 600 Main Street, Bar Harbor, ME 04609 (US).

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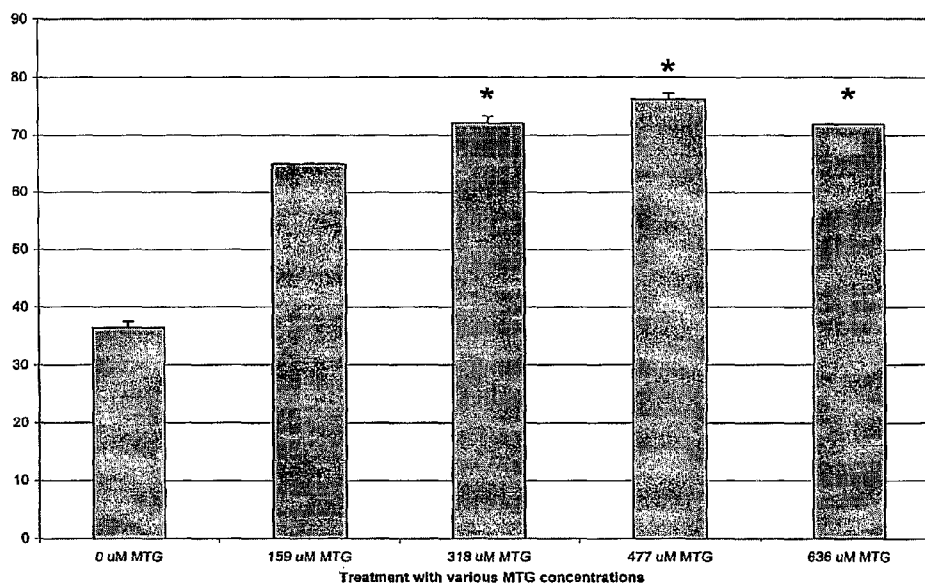
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[Continued on next page]

(54) Title: SPERM CRYOPROTECTIVE MEDIA

Monothioglycerol enhances the fertility of cryopreserved C57BL/6J sperm.



Legend for x axis: Concentration of MTG Treatment

Legend for y axis: % Oocytes Developing to 2-Cell embryos

(57) Abstract: Described herein is a composition that comprises a cryoprotectant; a membrane protectant that stabilizes or assists in stabilization of membranes of sperm; and a free radical scavenger (e.g., a reducing agent, an antioxidant).



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