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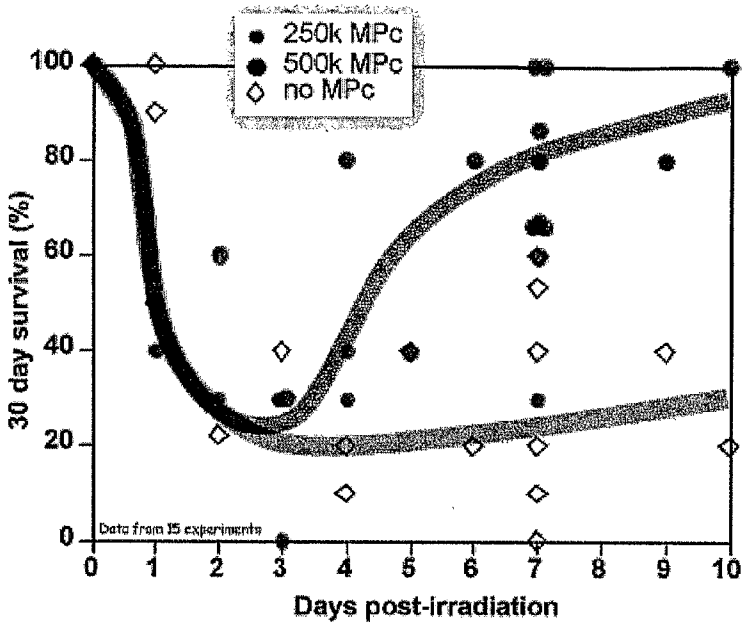
Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

[Continued on next page]

(54) **Title:** METHODS OF EXPANDING MYELOID CELL POPULATIONS AND USES THEREOF



(57) **Abstract:** The present disclosure relates to a method of expanding myeloid progenitor cells by culturing an initial population of cells in a medium comprising a mixture of cytokines and growth factors that promote growth and expansion of the myeloid progenitor cells. The expanded cell population provides a source of cells as therapeutic treatments for neutropenia and/or thrombocytopenia arising in patients subjected to myeloablative therapy and hematopoietic stem cell transplantation.

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