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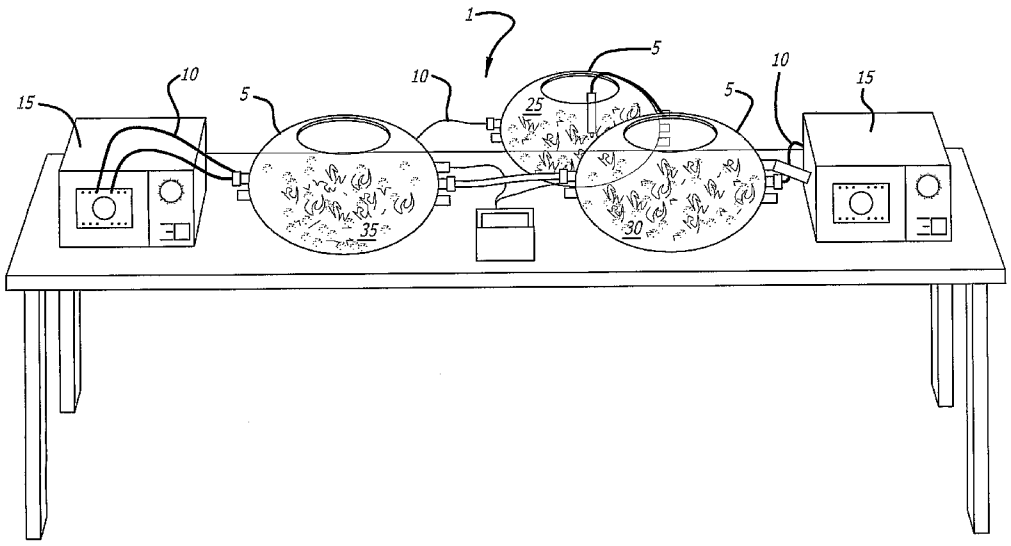
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(54) Title: STEM CELL MATURATION FOR ALL TISSUE LINES



(57) Abstract: The present invention provides a hybrid stem comprising an enucleated adult stem cell having a nucleus derived from a primordial sex cell or an embryonic stem cell. The primordial sex cell may be a spermatogonia or an oogonia from a donor animal or mammal. The enucleated adult stem cell may be fused to a primordial sex cell or an embryonic stem cell by many methods including but not limited to electrofusion, virus-based fusion methodology, chemical fusion or mechanical-based fusion.

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