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**Declarations under Rule 4.17**:

— *of inventorship (Rule 4.17(iv))*

*[Continued on next page]*

(54) Title: HUMAN MULTIPOTENT EMBRYONIC STEM CELL-LIKE PROGENITOR CELLS

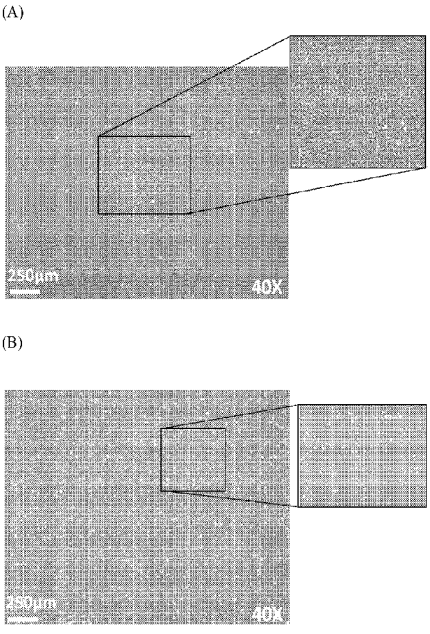



FIG. 1

(57) Abstract: The invention provides a plurality of embryonic stem cell-like progenitor cells, which are isolated from a human tissue by a systemic screening of human mesenchymal stromal stem/progenitor cells and a cell sorting by a cell antigen selected from the group consisting of CD34, CD117, CD133, CD201, GloboH and combination thereof, and cultured in a medium supplemented with at least one or more steroids and one or more growth factors. The cells of the invention express CD34 and exhibit sphere-like clonogenicity in early passages and express multipotent embryonic stem cells (ESCs) like characteristics.

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