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(54) Title: TOLERIZING ALLOGRAFTS OF PLURIPOTENT STEM CELLS

(57) Abstract: This disclosure provides a system for overcoming HLA mismatch between an allograft derived from stem cells, and a patient being treated for tissue regeneration. A state of specific immune tolerance is induced in the patient, by administering a population of tolerizing cells derived from the stem cells. This allows the patient to accept an allograft of differentiated cells derived from the same source. This invention is important because it allows a single line of stem cells to act as a universal donor source for tissue regeneration in any patient, regardless of tissue type.