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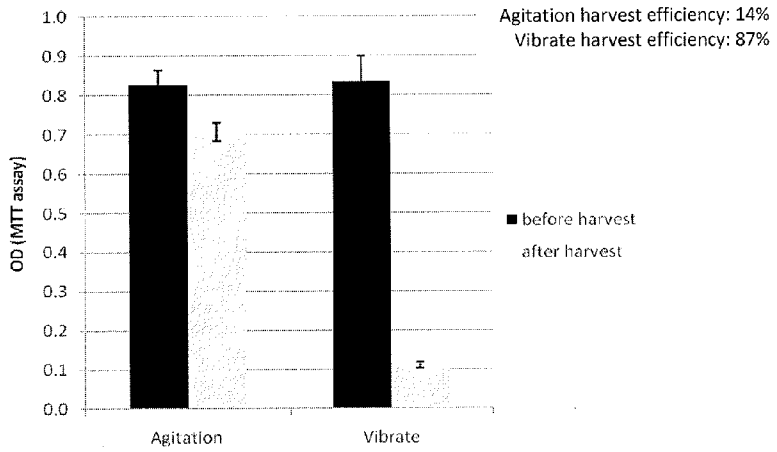
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(54) **Title**: METHODS AND SYSTEMS FOR HARVESTING CELLS

Figure 16



(57) **Abstract**: Methods for using vibration to harvest cells grown in 3D culture are provided. The methods entail the application of force cells attached to a 3D matrix of sufficient amplitude, frequency, and duration to detach cells from the matrix and to flush the detached cells out of the matrix material. An apparatus for performing the methods of the invention as provided.

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