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(54) **Title**: METHOD AND APPARATUS FOR ISOLATING INVASIVE AND METASTATIC CELLS FOR EVALUATING THERAPEUTICS AND PREDICTION OF METASTATIC CAPACITY

(57) **Abstract**: Embodiments provide methods to produce an assembly that mimics in vitro the human microenvironment of a primary tumor site, a secondary distant organ, and circulation. Methods and apparatuses that provide a platform for the isolation of primary tumor, invasive, and metastatic cells to be used for evaluation of therapeutic efficacy and diagnostics as applied to metastatic cancers are also provided.