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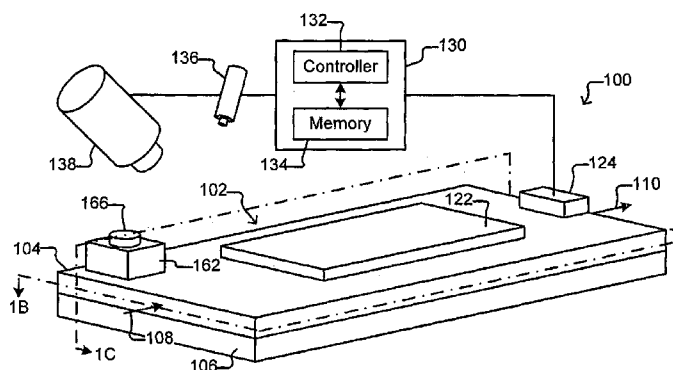
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[Continued on next page]

(54) Title: EXPORTING A SELECTED GROUP OF MICRO-OBJECTS FROM A MICRO-FLUIDIC DEVICE

Figure 1A



(57) Abstract: A group of micro-objects in a holding pen in a micro-fluidic device can be selected and moved to a staging area, from which the micro-objects can be exported from the microfluidic device. The micro-fluidic device can have a plurality of holding pens, and each holding pen can isolate micro-objects located in the holding pen from micro-objects located in the other holding pens or elsewhere in the micro-fluidic device. The selected group of micro-objects can comprise one or more biological cells, such as a clonal population of cells. Embodiments of the invention can thus select a particular group of clonal cells in a microfluidic device, move the clonal cells to a staging area, and export the clonal cells from the micro-fluidic device while maintaining the clonal nature of the exported group.

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