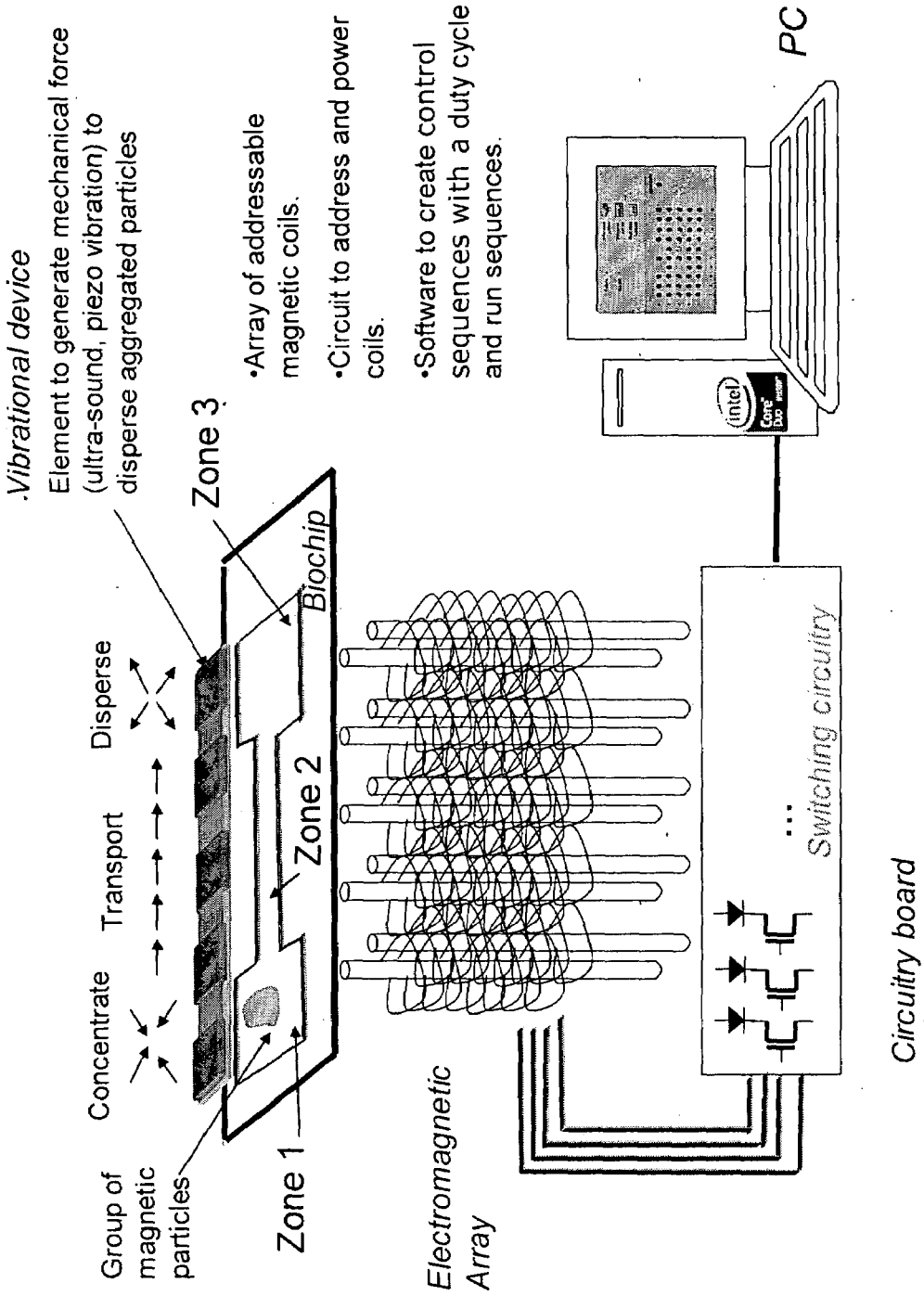
FIG. 9


Vibrational device
Element to generate mechanical force (ultra-sound, piezo vibration) to disperse aggregated particles
Zone 3
•Array of addressable magnetic coils.
•Circuit to address and power coils.
•Software to create control sequences with a duty cycle and run sequences.
PC
Biochip
Disperse
Transport
Concentrate
Zone 2
Switching circuitry
Group of magnetic particles
Zone 1
Electromagnetic Array
Circuitry board