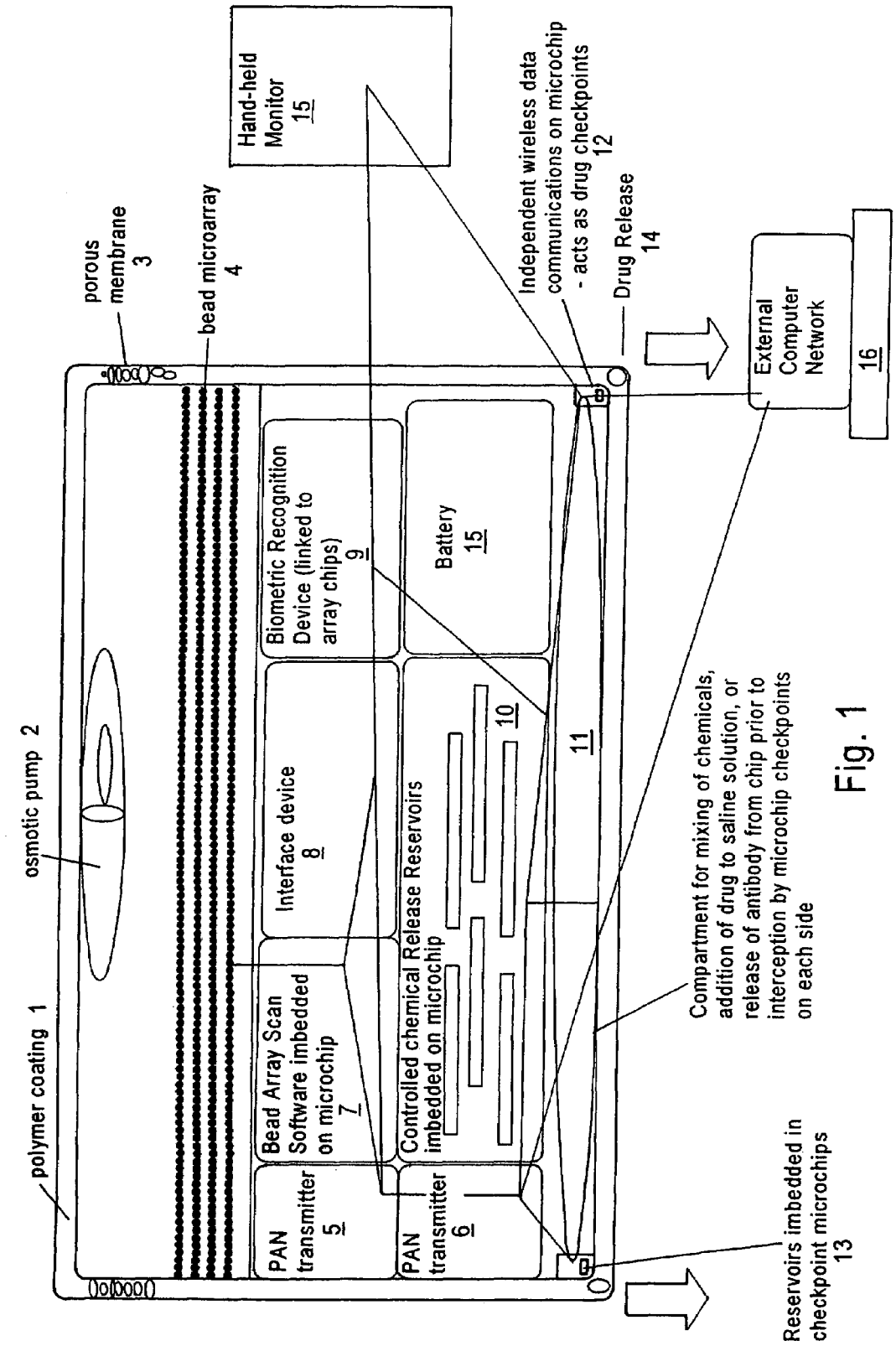
polymer coating 1
osmotic pump 2
porous membrane 3
bead microarray 4
PAN transmitter 5
PAN transmitter 6
Bead Array Scan Software imbedded on microchip 7
Interface device 8
Biometric Recognition Device (linked to array chips) 9
Controlled chemical Release Reservoirs imbedded on microchip
10
11
Battery 15
Hand-held Monitor 15
Independent wireless data communications on microchip - acts as drug checkpoints 12
Drug Release 14
External Computer Network 16
Compartment for mixing of chemicals, addition of drug to saline solution, or release of antibody from chip prior to interception by microchip checkpoints on each side
Reservoirs imbedded in checkpoint microchips 13

Fig. 1