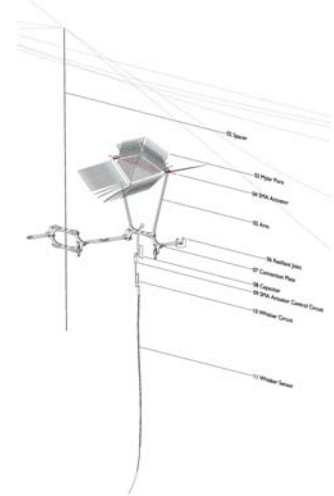


System Component Diagram

- 01 Structural Matrix**
- 02 Activated "Pore"
- 03 Shape Memory Alloy (SMA) Wire
- 04 SMA Actuator Circuit
- 05 Controller Board
- 06 Light Sensor
- 07 Power Supply
- 08 Hemispherical Structural Node Attachment Clamp
- 10 Network Matrix**
- 11 Actuator Power Delivery
- 12 Sensor Control System
- 13 Filter Matrix**
- 14 Filter Mesh
- 15 Sensors
- 16 Sensor Circuit
- 17 Capacitance Sensor/Actuator "Whisker"
- 18 Speed Control Motor
- 19 Light Emitting Diode
- 20 Nutrient Packs
- 21 Nutrient Reservoir
- 22 Excretion Mechanism
- 23 Trigger



Pore and Whisker Assembly

