Claims

We Claim:

1. A modular frame for an intelligent robot, comprising:

A base controlling the actions and functions of said robot and containing a memory of operating instructions for a plurality of modules, each module performing unique functions, and said base having a smart connector;

One or more devices or modules for performing specified functions and having a smart connector, said smart connector containing a unique code for said device or module and firmware for operation of said module; and

Wherein when a module is affixed on said modular frame, said smart connector of said module electronically communicates with said smart connector of said base, thereby providing said base with sufficient operating information to operate said intelligent robot.

2. A modular frame according to Claim 1, wherein said base including a robot basic operating system and hardware code that controls and commands physical devices and modules affixed to said modular frame of said robot.

3. A modular frame according to Claim 1, wherein said base including CPU, MCU and power supply boards, a robot operating system Command library, and an Artificial Intelligence engine.

4. A modular frame according to Claim 1, wherein said base further comprising a communications protocol.

5. A modular frame according to Claim 1, further comprising means for autonomous movement.