

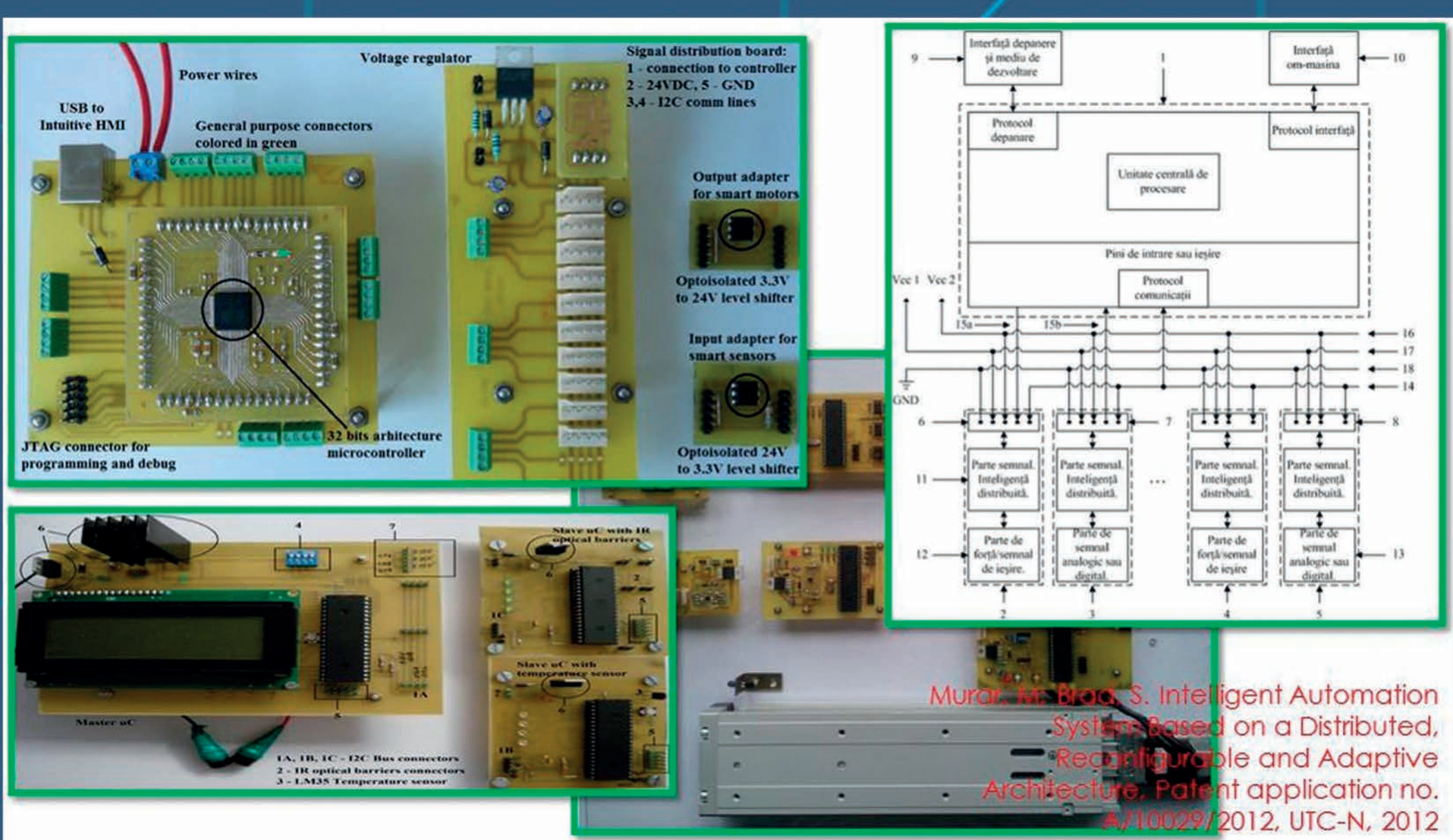
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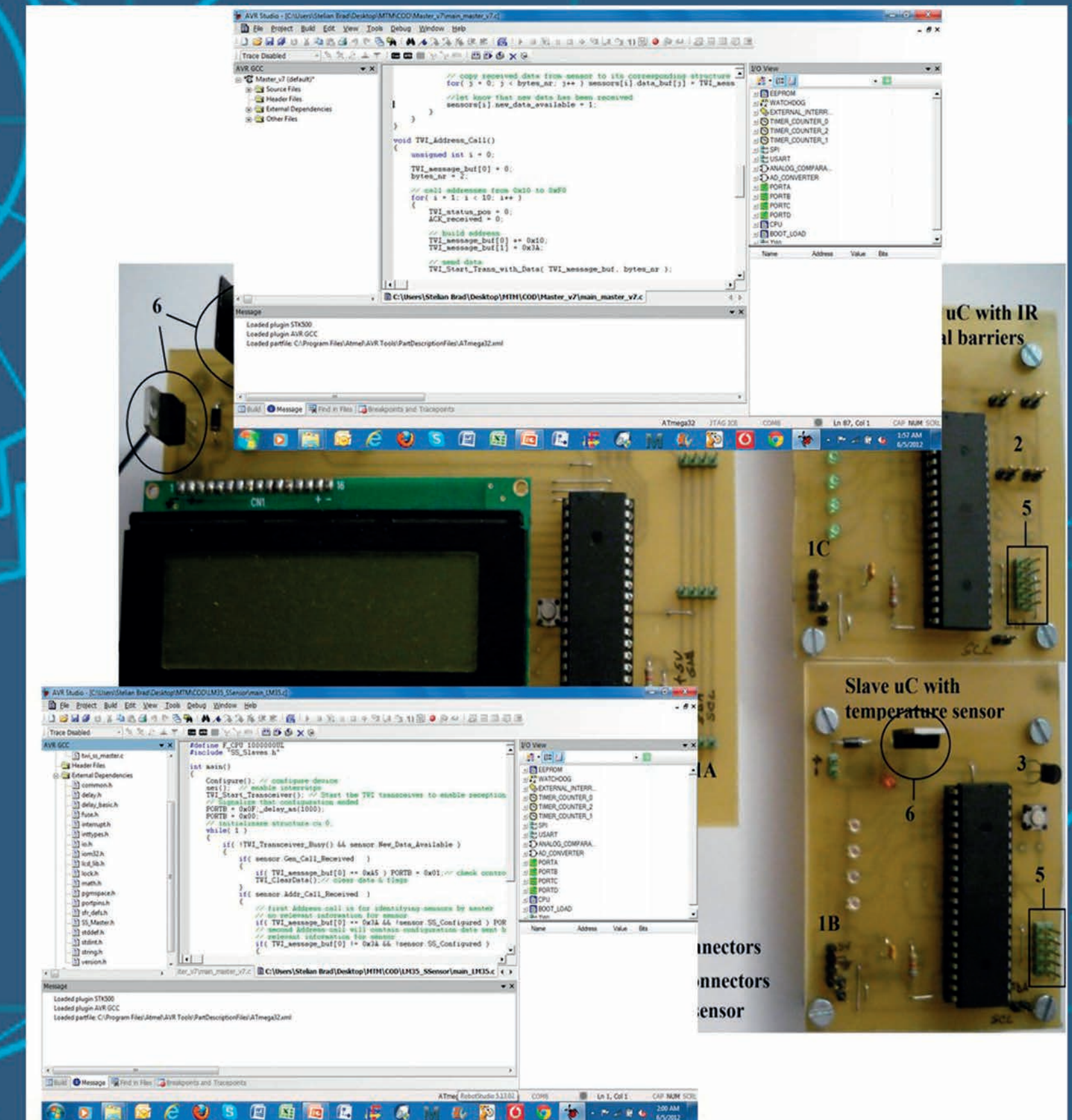
Description:

The invention represents an enhanced system used to control, command, monitor and configure the functionality of intelligent equipments and of the served process. It is characterized by a rapid reconfigurable, adaptive and dynamic architecture which is capable to respond, using its resources, to any process or change in order to quickly and efficiently react to met the requirements. Equipments are endowed with a minimum level of distributed intelligence and communication options.

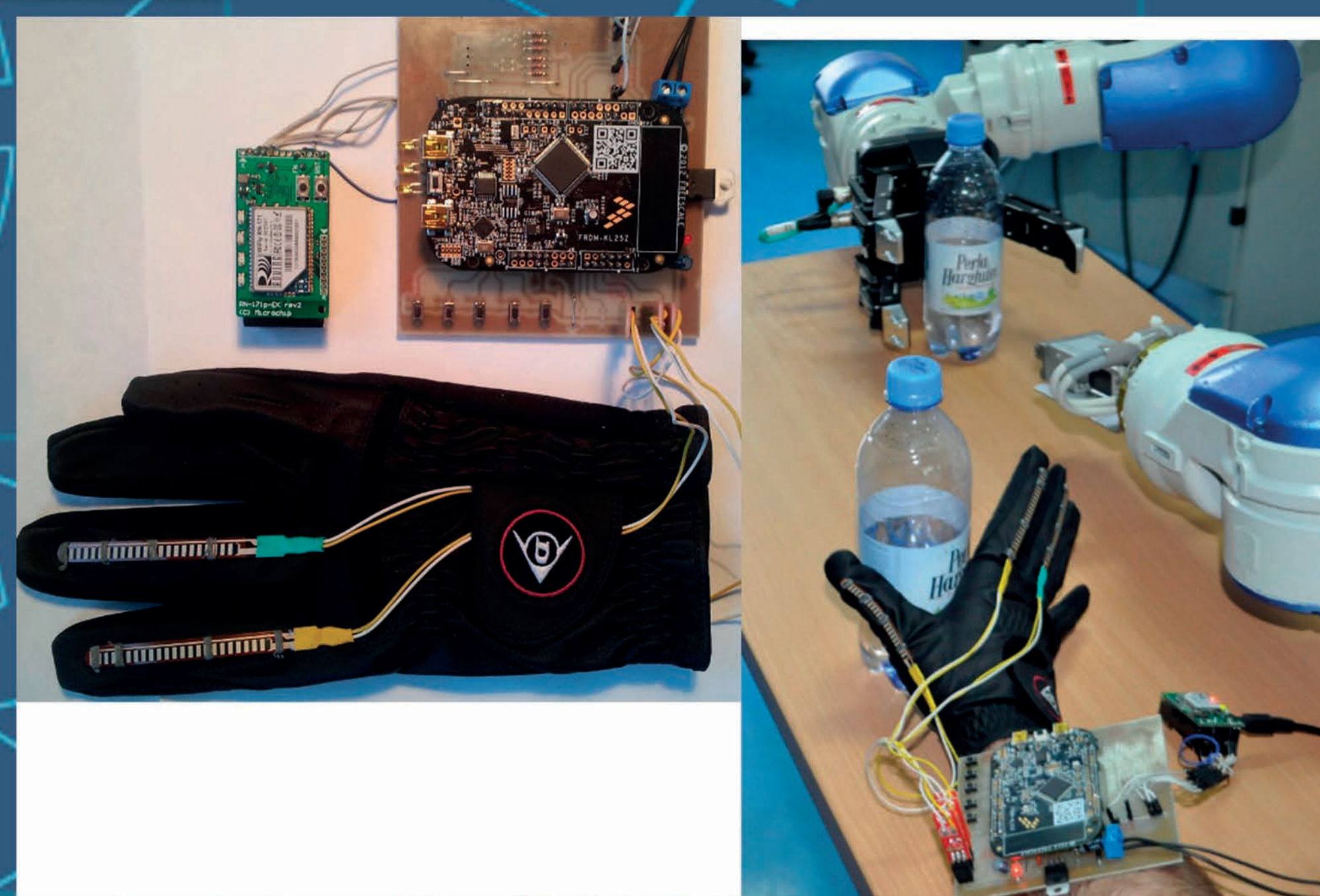
No. Patent or patent application: A/10029/2012



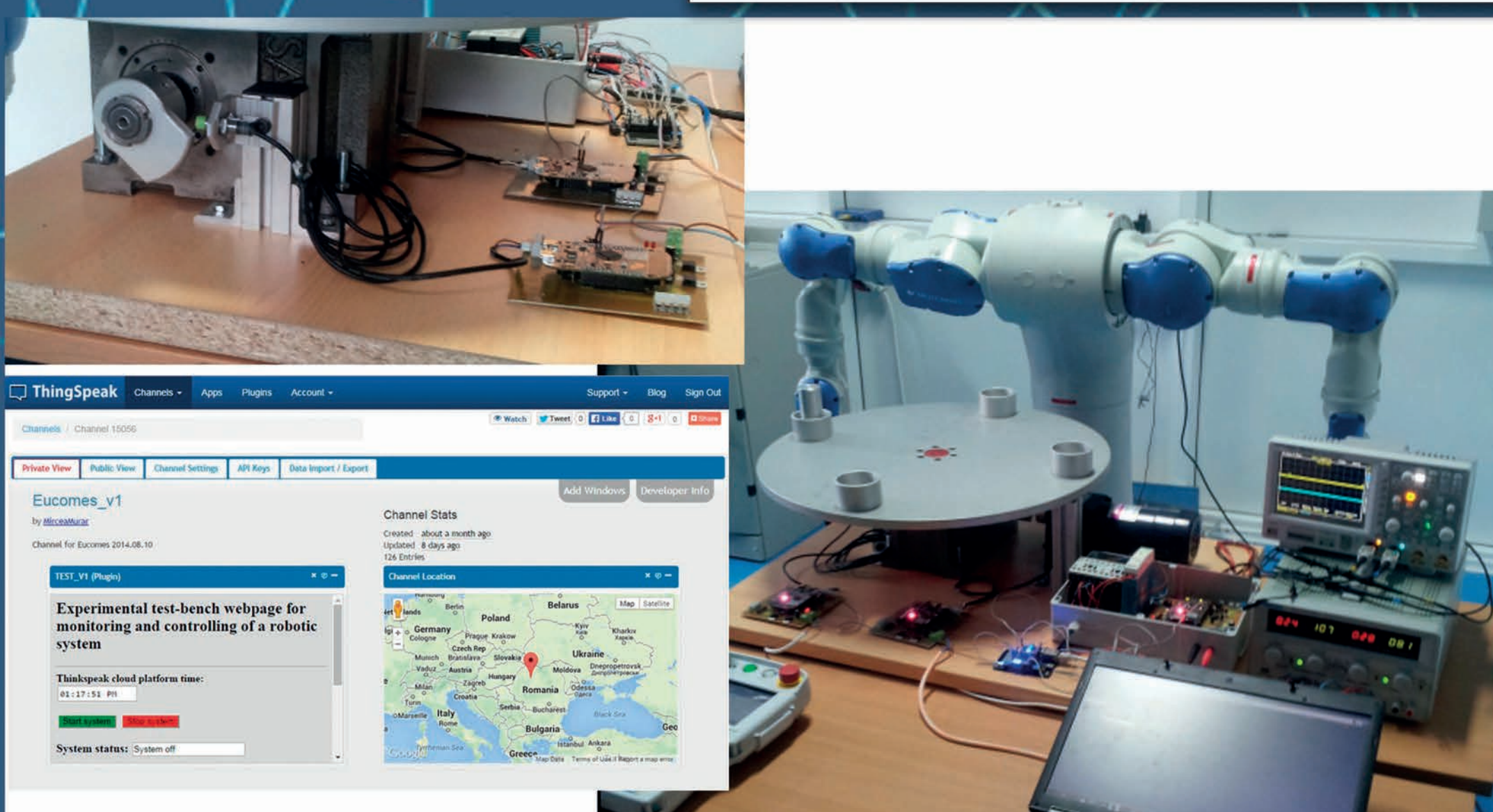
picture 1: The basic architecture and integration into a smart kinematic axis



picture 2: The master-slave solution



picture 3: Integration into a haptic unit



picture 4: Internet of Things: web control and monitoring of a robotic system



picture 5: Internet of Things: mobile control and monitoring in smart buildings

Applicability:

industry (automation), smart buildings, Internet of Things, robotics, manufacturing equipment, production processes in food industry, automation in agriculture, smart industrial products, water treatment stations, remote monitoring applications