Abouters, Inc

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1. Introduction

“Abouters” is the special robot engineer team of Kitakyushu National College of Technology started by the student volunteer in 1999.

We aspire to winning the championship and getting the Robot Contest grand prize given to an excellent robot in “Technical College Robot Contest”. This contest is nationwide educational event to learn “Importance of imagination” and “Greatness of creating” through the experiences of creating robots. The theme is different each year. So member's each one put much intensity into making robots every day.

We choicely won the championship in the 15th and 20th rally.

Moreover, we not only produce robots but also we play with children and elderly people using our robots. In the future, we want to make robots that remain in the mind of the power of people.

2. Volunteer Activities

Abouters not only produce robots but also we play with children and elderly people using our robots.

We take part in elementary school classes, community events and stage event in many different locations to let people feel the charms of manufacturing. We provide enjoyable time maneuvering and making robots.

2.1 EG-AssiT

As shown in Fig. 1, “EG-AssiT” is the support equipment for mentally-handicapped person. It shows passage of time using LED. The people who can't absorb intellection of time can grasp it generally by using “EG-AssiT”.

It was planned by city welfare plaza, ee-club (the

Fig. 1. EG-AssiT.

(a) Nyoro

(b) Hasamin

Fig. 2. Robot Exhibiton.

support group for handicapped person) and Kitakyushu National College of Technology and developed by Abouters.

3. Robots

We have exhibited two robots as shown in Fig. 2. These are robots that can be stacked cardboard. “Nyoro” is a snake like robot which participated in the 2002 contest. “Nyoro” has a sucker mouth and holds the cardboard.

“Hasamin” is a stag beetle like robot. It was created by modifying a robot which participated in the 2008 contest. “Hasamin” has the arm like the scissors. Moreover, cardboard is held by being nipped.