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Contributing Environmentally Conscious

Global warming is a problem that affects all of us. In recent years, it has been linked to scores of unusual weather problems, such as torrential rainfall and sharp rises in temperature. Within Japan, heavy storms and floods have resulted in significant damage to life and property. These unusual weather patterns are only one aspect of the local and global environment issues that influence our livelihoods. We must face these and other problems, as global environmental issues do not only affect mankind, but also resources and every living creature on the planet.

We are under attack by a score of geoenvironmental issues: global warming, destruction of the ozone layer, acid rain, depletion of natural resources, air pollution, water pollution, waste processing, energy depletion, and the effect on living creatures. All of these problems can be traced back to human activities, especially those activities that closely relate to human comfort and convenience.

Recently, awareness regarding the importance of protecting the environment and related conservation activities has expanded beyond corporations to individuals. At our company, we believe that our business activities can aid society and the world through conservation of the environment and contribution to the prosperity of mankind. We actively work with these clear goals for global environment conservation in order for our corporation to successfully coexist with the Earth. As part of our conservation activities, we at our company develop new technologies and new products that embrace the following three ideals: 1) technologies to protect the environment, 2) technologies to protect people's health and safety, and 3) technologies to reduce energy use.

The products based on monitors and monitor control technologies, such as cooling system products and servo system products, boast technological developments that

Product Technology

provide smaller size, higher performance, lower power consumption, longer life, and other various functions. At the same time, the products based on power supply or electrical conversion technology, such as the power system products with uninterruptible power sources or solar power generation, make full use of technological developments for smaller size, higher efficiency, and lower power consumption. In particular, the solar powered products are expected to draw even greater attention in the future for their ability to directly use natural energy and help protect the environment.

Our company also takes disposal and recycling into consideration from the first stages of product development. We use life cycle assessment (LCA) to quantitatively evaluate the burden on the environment and natural resources in terms of the product life cycle. Products that meet our standards for environmental compatibility are designated as “ECO PRODUCTS”, and every year, a large number of ECO PRODUCTS are produced.

With these and other methods, our company strives to develop products that contribute to the environment. Our goal is to help customers save the environment by providing products that can prevent direct or indirect harm to the Earth merely through regular use.

Our company considers environmentally friendly product development to be a major activity towards supporting our business. This is the 22nd volume of technical reports recording great milestones in technological and product development from our company. This special environmental volume focuses on introducing new products and new technologies that contribute to environmental conservation. We thank you for your understanding and support in our company’s environmental activities.