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Dear Sirs

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## **New Technology Announcement**

Since 2004, Fujicopian has been doing research and development as part of our environmental business operations into the energy field utilizing our own unique technologies. New technologies that came from those efforts are announced as follows.

### **Overview of new technologies**

Outsourced electrode prototyping and coating for lithium ion rechargeable batteries, etc.

#### **n Background to the development of this new technology**

Fujicopian has been promoting the development of new products and markets for the energy field, using dispersion and coating technologies that we have fostered since our foundation. Within that, we have been promoting joint development together with several companies on the belief that our own unique technologies (material formulation, dispersion and coating) could be applied to the electrodes of lithium ion rechargeable batteries, which have been drawing attention in the battery field.

As a result, we have accumulated technologies for the stable dispersion of high viscosity slurries and even coatings of this slurry. It was also confirmed that a desirable level of performance was demonstrated with high-end lithium ion rechargeable batteries using electrodes to which these technologies were applied.

Currently, samples of the electrode prototypes are being supplied to other fields than for batteries for mobile phones and note book personal computers..

#### **n Features of new technology and overview of service**

- A high degree of dispersion from several tens to several tens of thousands mPa·s is possible with coating liquids and slurries.
- Coating liquids and slurries from several tens to several tens of thousands mPa·s can be applied.
- Coated films can be several μm to several hundred μm thick.
- Coating tests can be run and sample electrodes fabricated using small quantities of coating liquid samples.
- Analytical equipment for produced coating liquids, slurries and electrodes is massive.

#### **n Uses of new products and services**

Using our own unique dispersion technologies and high precision coating technologies for films and metallic foils, Fujicopian is supporting customers in their technological development not only for lithium rechargeable batteries but also for electrical and electronic materials. Fujicopian desires to contribute to industrial development by developing state-of-the-art technologies.

## Equipment Investment

Fujicopian develops new business based on our own unique technologies. The company is involved in the research and development of new products and technologies for growing markets in the display, electronic materials and energy fields.

Fujicopian has invested in equipment as follows in order to move fully into these fields.

### Overview of equipment investment

Introduction of equipment that enables the production and coating of high precision coating liquids under clean environments

#### n Background to equipment investment

Since the company was founded in 1950, Fujicopian has been expanding our business focus to a wide array of text and graphic printing applications as well as storage media. We have been developing new business on our own unique technologies (material formulation, dispersion and coating) that were cultivated over that history. In 2002, we developed and launched the FIXFILM Series as the market's first high holding force, non-adhesive film, which has been heartily welcomed by customers in the FDP field and others.

Following this success, we have been promoting new product development through joint projects with other companies in the FDP, electronic materials and energy fields, as part of our new business development.

Given the situation, it was determined imperative that we introduce new equipment to support mass-production that would enable us to continue the research and development of new products.

#### n Overview of equipment investment

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|-----------------------------------|---|
| (1) Production equipment:         | High precision coating liquid production system and high precision coating system |
| (2) Environmental equipment:      | Related environmental equipment, etc.   |
| (3) Location where introduced:    | Okayama Plant   |
| (4) Planned amount of investment: | Approx. 1.3 billion YJP (12 million US dollars)                                   |
| (5) Planned date of completion:   | September 2008  |

Other than the mass-production development themes, this equipment will enable both flexible prototyping and mass-production of functional films desired by customers in diverse fields.

With the introduction of this equipment, we will be developing new products to meet a diversity of customer demands in the FDP, electronic materials and energy fields.

#### n Impact on future performance

This investment in equipment does not alter performance estimates for the December term of FY2008.