

GS NEWS

TECHNICAL REPORT

Vol. 59, No.2 December, 2000

Contents

Review

- A Proposal of an Interdisciplinary Study of Law and Technology
—My View on Improvement of Legal Practice— Keiji Kondo 1

Technical Reports

- Development of Anti-corrosive Technique for
Positive Electrode of Lead-acid Batteries Isamu Kurisawa Masaaki Shiomi
Shigeharu Ohsumi Masashi Iwata Masaharu Tsubota 7
- Development of $\text{LiNi}_{1-x-y}\text{Co}_x\text{Mn}_y\text{O}_2$ System
Positive Active Material for Lithium Ion Cells Yoshinori Naruoka Shinsuke Yoshitake
Junichi Toriyama Masanao Terasaki Minoru Mizutani
Masanori Yamachi 13
- Effect of Filler Addition on Pore Formation of
Porous Polymer Films for Lithium Secondary Cells Tatsuya Iwamoto Hideo Yasuda
Masanori Yamachi Eriko Yagasaki Shozo Hashizume 18
- Development of Lithium-ion Battery for Electric Vehicle
—Challenge to 2000km/24hours Driving— Takao Fukunaga Hideyuki Sugiyama
Daisuke Konishi Hajime Ishida Yoshinori Tanaka
Tsutomu Kawahara Hiroyasu Suzuki Hiroaki Yoshida 23
- Development of GS-ceramic-metal-halide-lamps
“ECO-CERA” Shinji Taniguchi Yasaburo Takeji Jiro Honda
Shigeyuki Mori Kuniaki Nakano 29

Technical Explanation

- Type LY4K Lithium Ion Polymer Cell with
Micro-Porous Polymer Electrolyte Combined with
Inorganic Substance and Its Battery Pack Naoto Matsueda Ryou Muramoto Shigeo Komatsu
Atsushi Kojima Koichi Takeda Haruhiko Takemura
Katsuya Nanamoto Masanori Kitamura Kazuhiro Nakamitsu
Masamitsu Okamura Hiroaki Urushibata Hajime Yoshiyasu 35

New Products 40

Recent Publications by GS Authors (June, 2000-November, 2000) 46