
Contents & Abstracts

- **Intellectual Property Rights and GHG Reduction Technology Transfer—Considering the Suitable System to Answer the Question Issued by Developing Countries—** 2

Takashi NAKAYAMA

- **SmartGrid and its Standardization Activity** 6

Tadahiro GODA

This paper introduces a brief overview of Smart Grid and the approaches to its developments of foreign countries. Moreover, in the midst of the globalization of the world economy, it suggests that international standardization and intellectual property rights should be viewed as part of a business strategy.

- **Toyota's Intellectual Property Activity on Green Engineering** 16

Takeshi SASAKI

Toyota thinks that it is a corporate social responsibility to make a continuous evolution on green tech and to share it with the society. IP division of Toyota makes a proposal to Management and R&D actively so as to use intellectual property right continuously and favorably for the green tech.

- **Eco-Patent Commons** 29

Takeshi UENO

The Eco-Patent Commons which was launched in 2008 provides a unique opportunity for businesses to make a difference by pledging their environmental patents in support of sustainable development. This paper provides an overview of Eco Patent Commons as well as the background and some relevant legal issues.

- **Technology Transfer Mechanism in Multilateral Environmental Treaties** 38

Hiroji ISOZAKI

Developing countries consider technology transfer as important from a viewpoint of the North South problem, and have asserted, after the 1970s, establishment of the international mechanism for regulating the activity of private corporation in developed countries. A part of their proposal was included in the UN Convention on the Law of the Sea and the Convention on Biological Diversity.

■ **Recent Discussions on Genetic Resources and Intellectual Property** 45

Ken-Ichiro NATSUME

Discussions on Genetic Resources and Intellectual Property have been held at various international fora. This article outlines debates at international arena such as ABS working group of CBD, Intergovernmental Committee of WIPO and TRIPS Council of WTO.

■ **Recent Developments on the Patent Reform in the United States** 57

Toshiaki NAKAMAKI

The Patent reform has been conducted by each one of the three branches of the U.S. government from its own perspective, for instance, the Patent Reform Act is under the Congress consideration, epoch-making decisions such as eBay and KSR were handed down by the Supreme Court, and patent quality and pendency issues have been tackled by the USPTO, based on the common understanding that the patent system must not be an obstacle to innovation.

■ **Legislative Developments on Uniform Patent System in Europe** 62

Hiroshi KAWAMATA

The history of European patent systems has been developed within multiple frameworks such as national law, EU legislative action and international convention. This paper is to introduce recent developments on EU patent regulation and European and EU patent court system, both of which seem to have a long way to go.

■ **Latest Status of Intellectual Property System of China** 67

Toshio TANIYAMA

Since the State Council in Republic of China, promulgated the National Intellectual Property Strategy on June 5th, 2008, IPR system in China has been dramatically changed. This report is aimed at providing the latest status of IPR system in China, such as the autonomous innovation.

■ **Intellectual Property Circumstances of Republic of Korea** 73

Yoshitaka ENOMOTO

This report is aimed at providing the background and the current state of Republic of Korea, in which various pioneering measures are developed on aiming to convert to the advanced country type economic framework that creates high-value-added under the structure of high cost through the creation and the use of the IP, and to secure global competitiveness.