

NTT Received the Prize of the Commissioner of the Japan Patent Office at the 2012 National Commendation for Invention

A patented invention, “Efficient Mapping and Time Division Multiplexing for Large Capacity Optical Transport Networks (OTNs)” (PAT. No. 3529713), developed by Nippon Telegraph and Telephone Corporation (NTT, Tokyo), received the Prize of the Commissioner of the Japan Patent Office, which was presented at the 2012 National Commendation for Invention by the Japan Institute of Invention and Innovation [1]. In connection with this Prize, NTT also received the Invention Practice Service Prize, for which a commendation ceremony was held at Hotel Okura Tokyo.

This invention is related to technology for providing a new digital frame format, which is suitable for high-speed optical transmission at the rate of 40 Gbits per second per channel or higher. Having been selected for ITU-T (International Telecommunication Union, Telecommunication Standardization Sector) Recommendation G.709, this technology is being used in commercial telecommunication services and is contributing to the growth of social infrastructure on a global scale.



Mr. Noritaka Uji (center), Senior Executive Vice President, NTT, and the creators of the invention accompanied by their wives.

The National Commendation for Invention is an annual competition designed to contribute to the development and advancement of science and technology by formally recognizing creators of particularly outstanding inventions as well as persons highly notable in their ability to exploit and promote inventions. Each year, the Imperial Household extends its special consideration to encourage inventions and graciously provides funding for the Imperial Invention prize, in line with the above mission, to inventors who have made distinguished achievements. The commendation ceremony was held in the presence of their Imperial Highnesses Prince and Princess Hitachi. The inventors together with Noritaka Uji, Senior Executive Vice President, representing NTT, participated in the ceremony and received the certificates of merit and the medals.

NTT will make every effort to create outstanding technologies and intellectual properties that contribute to the development of social infrastructure.

The Prize of the Commissioner of the Japan Patent Office:

Masahito Tomizawa^{†1}, Yoshiaki Kisaka^{†1}, Yutaka Miyamoto^{†1}, Takashi Ono^{†1}, and Hiromu Toba^{†2}

^{†1} NTT Network Innovation Laboratories

^{†2} NTT Electronics Corporation

The Invention Practice Service Prize:

Satoshi Miura, Representative Director and President, Chief Executive Officer, NTT

NOTE: The affiliations of the award winners are those at the time of the ceremony.

Reference

- [1] Japan Institute of Invention and Innovation (in Japanese). http://koueki.jiii.or.jp/hyosho/zenkoku/2012/zenkoku_jusho_ichiran.html