

NEWS RELEASE

Commencement of the Broadcasting using the Internet Protocol (IPTV*)
Standards Patent Licensing Program

October 1, 2021

ULDAGE Inc.

ULDAGE Inc. ("ULDAGE") announced today that the Patent Pool License for the IPTV Standards is now available. The License includes essential patents owned by the following 12 companies..

(Listed alphabetically)

Bitmedia Inc.
FUJITSU Limited
INFOCITY, Inc.
JVC KENWOOD Corporation
Maxell, Ltd.
Mitsubishi Electric Corporation
NEC Corporation
Nippon Hoso Kyokai (NHK)
Orange SA (Formerly known as France Telecom, SA)
Panasonic Corporation
Sony Group Corporation
TVS REGZA Corporation

These 12 companies agreed on the following license terms for launching the license program through ULDAGE. The royalties relating to IPTV broadcasting are, in case of receiving devices, JPY100 per unit that is capable of receiving either of 2K or 4K Re-Broadcasting and JPY180 per unit that is capable of receiving both of 2K and 4K Re-Broadcasting as examples. For more details, please refer to Uldage's Website.

Technology transition from analog to digital has made the patent issues more complicated. The IPTV Standards License will simplify it by licensing as a package multiple essential patents held by multiple patent holders under fair and reasonable conditions. ULDAGE Inc. currently operates license programs under the patent pool system for the standards of high definition terrestrial digital broadcasting, high definition satellite digital broadcasting, high definition digital cable broadcasting, ultra high definition

satellite digital broadcasting and ultra high definition digital cable broadcasting respectively. ULDAGE Inc. believes that the establishment of this IPTV license scheme will help ensure a stable business environment for those engaged in the business of IPTV.

ULDAGE Inc. welcomes having additional holders of essential patents and hopes that this patent license program will expand further.

* IPTV in this context means IPTV broadcasting services such as "HIKARI TV" and "au HIKARI" provided through the managed network based upon IPTV Standards and is different from popular video contents transmission services (so-called Internet Television) provided through the open network (internet).

About ULDAGE Inc.

ULDAGE was established in July 2006, with the aim of management and promotion of patent pool licensing.

Name: ULDAGE Inc.
Headquarters: Yusen Bldg, 2-3-2Marunouchi, Chiyoda-ku, Tokyo
Establishment: July 13, 2006
President& CEO: Shuichi Endo

Business Details:

- (1) Management of patent royalties, such as collecting patent royalties from patent licensees, and distributing to patent holders, etc.
- (2) Operation and management of patent license agreements, such as negotiating, executing, and preparing patent license agreements.
- (3) Investigation and examination of patents essential to the patent license subject technology.

Shareholders

JVCKENWOOD Corporation	(14.29%)
Sharp Corporation	(14.29%)
Sony Group Corporation	(14.29%)
Toshiba Corporation	(14.29%)
Panasonic Corporation	(14.29%)
Maxell, Ltd.	(14.29%)
Mitsubishi Electric Corporation	(14.29%)

[For further media-related inquiries, please contact the following:]

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