



United License for Digital Age

Notice to discontinue Call for Patents essential for advanced narrowband transmission system for Ultra High Definition Television Satellite Broadcasting

January 1st, 2020

ULDAGE Inc.

ULDAGE Inc. ("ULDAGE"), a company for patent pool license management and administration, announced today that it will discontinue the Call for Patents essential for advanced narrowband transmission system for the Ultra High Definition Television Satellite Broadcasting standard (UHDTV standard).

The Ultra High Definition Television Satellite Broadcasting normal program services using an advanced narrowband transmission system ended on November 25, 2018. Instead, the Ultra High Definition Television Satellite Broadcasting using an advanced broadband transmission system (new 4K / 8K broadcasting) started on December 1, 2018.

ULDAGE discontinues the Call for Patents essential for the advanced narrowband transmission system, based on the fact that over one year has passed since the end of the Ultra High Definition Television Satellite Broadcasting normal program services using the advanced narrowband transmission system, and no new receivers for the same system are available in the market.

Licensees who have already signed a license agreement with ULDAGE are entitled to continue to implement the Essential Patent Portfolio for the advanced narrowband transmission system managed by ULDAGE.

## About ULDAGE

ULDAGE was established in July 2006, aiming for the resolution of entanglement of patents through cooperation among parties concerned and for the creation of fair competition in this digital age. ULDAGE grants non-exclusive licenses to essential patents of multiple parties in a single package, and its business offers convenience to both patent holders and business users.

Headquarters: Imperial Tower, 1-1-1 Uchisaiwai-cho, Chiyoda-ku, Tokyo

TEL: +81-(0)3-3500-1572 FAX: +81-(0)3-3500-1573

President & CEO Shuichi Endo