

Patent Statement and Licensing Declaration

Note: This form complies with the American National Standards Institute Procedures for the Development and Coordination of American National Standards. This declaration does not imply a license grant.

Name of Patent Holder Organization Society of Cable Telecommunications Engineers, Inc.

(If the submitter is notifying SCTE that another organization holds a relevant patent, the holding organization is identified above and the notifying organization below.)

Organization Name	Society of Cable Telecommunications Engineers, Inc.		
Organization Address	140 Philips Road, Exton, PA 19341-1318		
Contact Name / Title	Christopher Dale Bastian / Chief Technology Officer		
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Designation and Title of SCTE Standard (list sections of the standard to which patent claims relate)	ANSI/SCTE 216 2015 Adaptive Power Systems Interface Specification (APSIS™) (Pertains to the entire document)		
Registration Number(s) - please fill in the form on page 2			


Licensing declaration:

Please check one of the following statements:

- 1. The Patent Holder does not hold and does not currently intend to hold any essential patent claim that would be required for compliance with the named SCTE standard.
 - 2. The Patent Holder will grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on fair and reasonable terms and conditions solely to use the patented material necessary in order to manufacture, use, and/or sell implementations of the named SCTE standard.
 Note: Negotiations of such licenses are left to the parties concerned and are performed outside of the national and international standards organizations.
 - 3. The Patent Holder is unwilling to grant licenses in accordance with the provisions of 2 above.
- If box 2 is checked, please also check here if the Patent Holder is willing to license without compensation.
- If box 2 is checked, please also check here if the Patent Holder's willingness to license is conditioned on reciprocity. Reciprocity means that, with respect to prospective licensees that have one or more patents or patent claims that also are necessary for the implementation of the same standard, the Patent Holder shall only be required to license such prospective licensees if such prospective licensees will commit to license their essential patent(s) or patent claim(s) for implementation of the same standard under reasonable and non-discriminatory terms and conditions.

Authorized person signing this declaration:

Name (printed) Christopher Dale Bastian Title: Chief Technology Officer Organization: Society of Cable Telecommunications Engineers, Inc.

Name (signed)  Date: 12/6/2018 Place: Exton, PA

Questions may be sent to: standards@scte.org or via fax to (610) 363-7133.

PATENT STATEMENT AND LICENSING DECLARATION

Patent Registration Information

Patent Number, Country	Patent Title, Inventor	Status (Granted or Pending)
10,139,845, USA	System and Method for Energy Consumption Management in Broadband Telecommunications Networks via Adaptive Power Management Inventors: Mark Louis Dzuban Daniel Harvey Howard Christopher Dale Bastian Derek Ralph DiGiacomo Dean Alan Stoneback Thomas Martin Davidson Niem Hoang Dang	Granted