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**STATEMENT OF PATENT HOLDER CONCERNING THE USE OF PATENTED
DEVICE OR DESIGN IN CONJUNCTION WITH AN AMERICAN NATIONAL STANDARD**

Note: This form is to be used to record the statement of a patent holder whose patented device or design (pending or approved) may have to be used by a person or organization complying with an American National Standard. This statement is filed and retained pursuant to Section 7.4 of the American National Standards Institute Procedures for Management and Coordination of American National Standards.

1. **Name of Patent Holder:** National Telecommunications and Information Administration

Address: 325 Broadway
Boulder, CO 80303 **Telephone:** 303-497-3500

Contact: Dr. William F. Utlaut Director
(Name) **(Title)**

2. **Number and Description of Patent(s)** (use extra sheet if necessary)

Patent Number(s): Application Number 60/059,708
(Attach copy of patent application)

Description: Audio Signal Time Offset Estimation Algorithm and Measuring Normalizing Block Algorithms for the Perceptually-Consistent Comparison of Speech Signals

List Claims Pertinent to Compliance with Standard: _____
1-15, 30-58, 73-102

Date of Expiration: _____

Pending **Approved** (check one)

If Pending, indicate date of application: Sept. 22, 1997

If Patent Holder is a transferee of original claimant, attach the transfer agreement.

3. **Name of Proposed ANSI Standard:** BSR T1.518, Objective Measurement of Telephone Band Speech Quality Using Measuring Normalizing Blocks (MNBs)

List sections of standard to which patent claims relate: _____
9, 9.3, 9.4, 9.5, 9.6, 9.7, 9.8, 9.9

4. Terms and Conditions of License

Are there any licensees yes If so, how many 1

Please attach a copy of license agreement, if any.

Example License Agreement Attached

5. Statement of Patent Holder

Please check one of the following statements:

- (a) A license shall be made available without compensation to applicants desiring to utilize the license for the purpose of implementing the standard or, (check one)
- (b) A license shall be made available to applicants under reasonable terms and conditions that are demonstrably free of any unfair discrimination.
- (c) An assurance of non-assertion will be filed with the Patent Office by the effective date of ANSI approval of the listed standard.

Signed: *W. J. M. O'Neil* Director, NTIA/ITS
 (Name) (Title)

Company: National Telecommunications and Information Administration

Date: JUN 5 1998