

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G83.620.1
Issue 1, January, 1949
AT&T Co Standard

EXTENSION LADDERS

DESCRIPTION

1. GENERAL

- 1.01 This section and Sections G83.620.2, .3, .4, and .5 replace Section G83.620, Issue 2.
- 1.02 The section relating to the inspection and maintenance of extension ladders (G83.620.6) includes a method of loading the side rails during inspection, in order to facilitate the detection of compression failures and other incipient splits or fractures in the side rails, which might otherwise not be apparent to the eye.

2. DESCRIPTION OF STANDARD EXTENSION LADDERS

2.01 The present standard extension ladder is the C Extension Ladder. The specifications under which C ladders are supplied to the Bell System follow closely the requirements of the American Standard "Safety Code for the Construction, Care and Use of Ladders" published by the American Standards Association. The standard ladder consists of two wooden sections of equal length and each having parallel side rails. The top section is raised by a 3/8" rope, except in the case of the 16-foot ladder for which no ladder rope is needed. Each ladder is equipped with two automatic locks, securely attached to the side rails of the top section, which engage rungs of the bottom section.

2.02 Extension ladders are supplied in seven sizes, 16, 20, 24, 28, 32, 36 and 40-foot. (The size of an extension ladder is the sum of the lengths of the two sections.) All ladders longer than the 16-foot size can be obtained with wheel spurs to prevent slipping, if desired. Where work is to be done on lashed cable the 20, 24, or 28-foot sizes may be obtained equipped with rotatable ladder hooks.

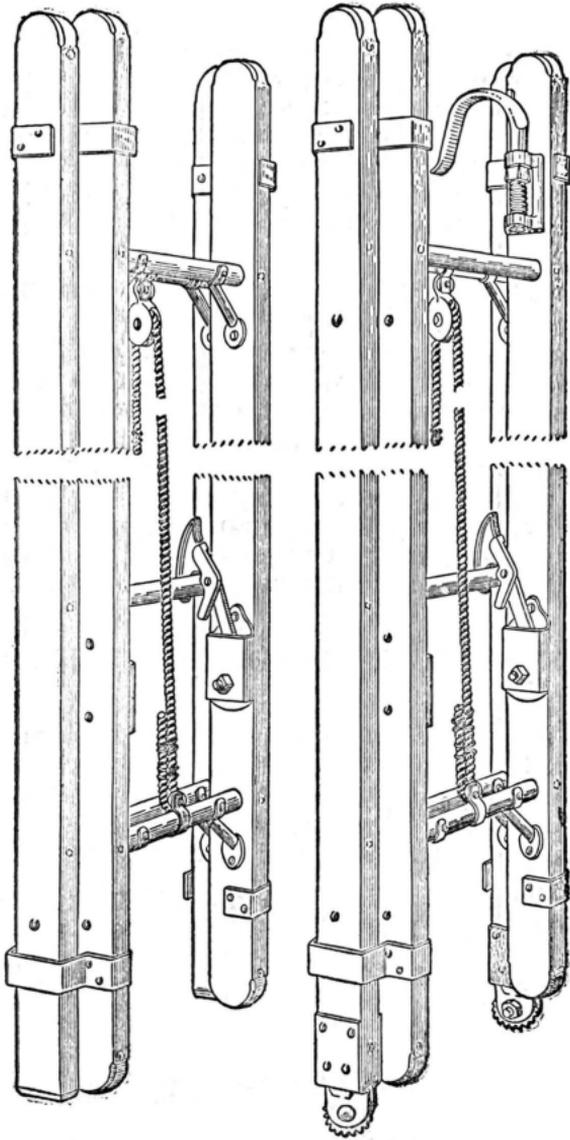


Fig. 1