The Wico compression grip shown in Fig. 55 is attached to, and detached from, the traction rope automatically. There are thousands of these grips in use handling heavy loads on steep slopes. It is ruggedly constructed and its powerful toggle system gives ample gripping power. The toggles are mounted on a floating lever which acts against the resistance of a powerful spring. This provides automatic compensation for small differences in diameter of the traction rope. There is also ample adjustment for the natural decreases in diameter of rope due to stretch and wear.

The grip jaws are fitted with heat-treated steel liners which are renewable. The main spring tension is adjustable and the opening between jaw liners must be adjusted at intervals to compensate for decrease in diameter of a traction rope.

We also furnish other types of grips, when special conditions indicate their use.