This invention appertains to new and useful improvements in pipe and rod connectors and more particularly to a novel connection for rod sections, particularly those that are used in pipe cleaning implements and the like.

The principal object of the invention is to provide a rod connector wherein the sections can be connected by bringing the same together at a predetermined angle.

Another important object of the invention is to provide a pivotal rod connector wherein the rod sections can be swingingly connected together by introducing one to the other at a predetermined angle.

These and various other important objects and advantages of the invention will become apparent to the reader of the following specification.

In the drawings:

Figure 1 represents the side elevational view of the novel showing.

Fig. 2 represents a side elevational view of the showing looking at the side thereof at right angles to the side shown in Fig. 1.

Fig. 3 represents a fragmentary side elevational view of the showing looking at the opposite side from that shown in Fig. 1.

Fig. 4 represents a fragmentary side elevational view showing a section of the joint.

Fig. 5 represents a fragmentary side elevational view showing the complementary section of the joint.

Fig. 6 represents a side elevational view of one section of the scraper which may be used in conjunction with the invention.

Fig. 7 represents a sectional view taken substantially on line 9—9 of Fig. 2.

Fig. 8 represents an end elevational view of the insertible end of the joint.

Fig. 9 represents a sectional view taken substantially on line 9—9 of Fig. 2.

Fig. 10 represents an end elevational view of the receiving end of the joint.

Referring to the drawings wherein like numerals designate like parts, it can be seen that numerals 5—8 represent rod sections between which is the breakable joint generally referred to by numeral 7. On the section 5 is the receiving joint section while on the rod section 6 is the insertible joint section.

In carrying out the present invention, the receivable joint section consists of a socket construction 8 having a pair of elongated parallel legs 9—9 which are disposed against opposite sides of the section 5 and secured to the section by a rivet or like member 10.
relation to each other as in the manner substan-
tially shown in Fig. 7.

While the foregoing specification sets forth the
invention in specific terms, it is to be understood
that numerous changes in the shape, size and
materials may be resorted to without departing
from the spirit and scope of the invention as
claimed hereinafter.

Having thus described my invention what I
claim as new is:—

A joint of the character described comprising
a pair of bar sections having opposed ends, one of
said sections being provided with a slotted barrel,
a pair of guide flanges spaced on the said barrel
and projecting upwardly therefrom, a lug on the
end of the other section, a cross pin on the end
of the last mentioned section for disposition in
the said slotted barrel, said lug on the last men-
tioned section being adapted for disposition be-
tween the said guide flanges to prevent longi-
tudinal motion of the pin in the barrel at certain
positions of the sections with respect to each
other, a portion of each of the said flanges being
removed adjacent the slotted portion of the bar-
rel so as to permit longitudinal displacement of
the pin by freeing the said lug from the said
flanges.

AUBERN E. WRIGHT.