

No. 701,521.

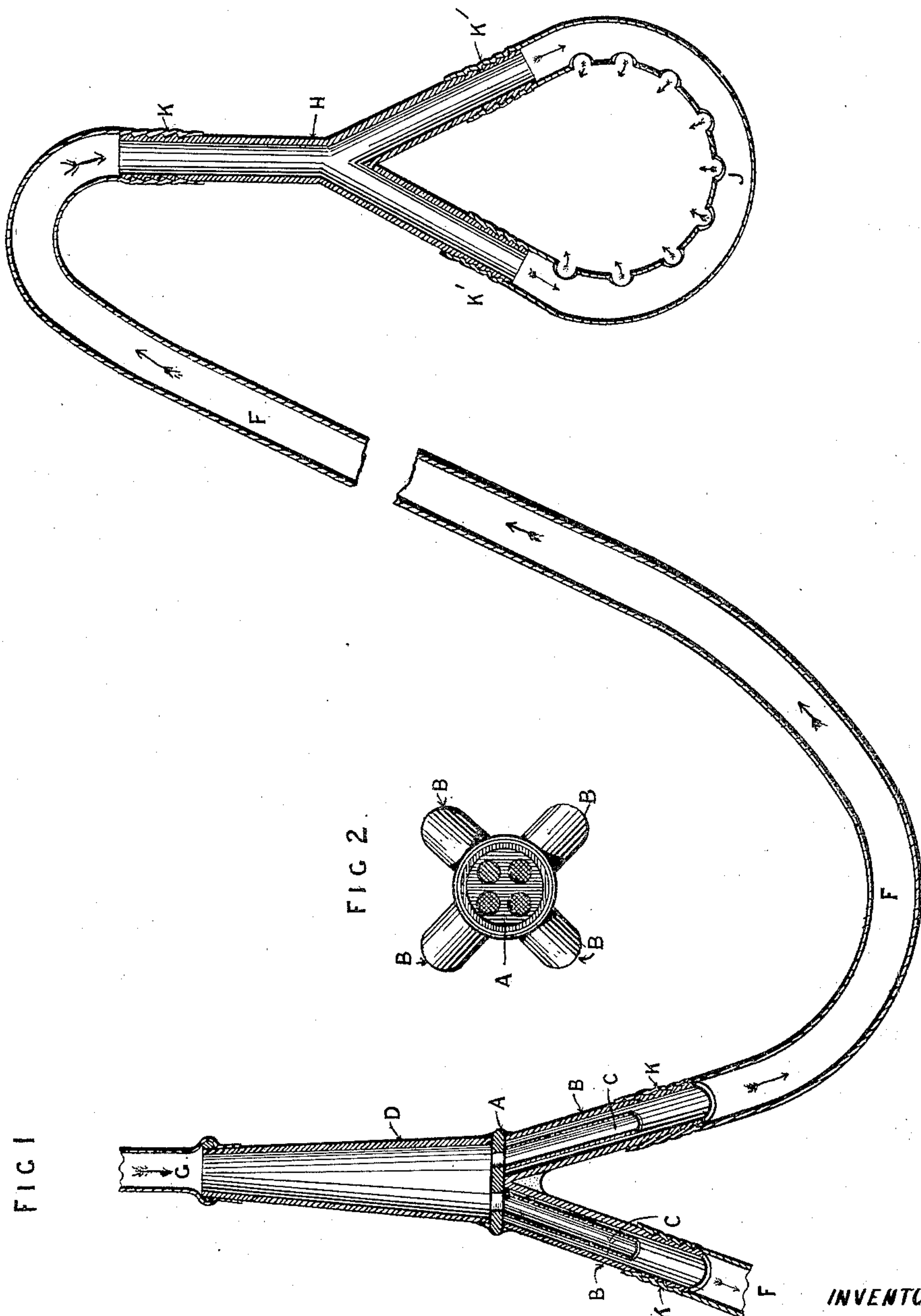
Patented June 3, 1902.

J. T. STUDLEY.

APPLIANCE FOR TREATING HORSES' LEGS WITH WATER.

(Application filed Jan, 22, 1901.)

(No Model.)



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN TATCHELL STUDLEY, OF BANGOR, ENGLAND, ASSIGNOR TO ALFRED DUNHILL, OF LONDON COUNTY, ENGLAND.

APPLIANCE FOR TREATING HORSES' LEGS WITH WATER.

SPECIFICATION forming part of Letters Patent No. 701,521, dated June 3, 1902.

Application filed January 22, 1901. Serial No. 44,272. (No model.)

To all whom it may concern:

Be it known that I, JOHN TATCHELL STUDLEY, a subject of the Queen of Great Britain, residing at 12 Menai View, Bangor, in the county of Carnarvon, England, have invented a certain new or Improved Appliance for Treating Horses' Legs with Water or other Fluid, (for which I have obtained a patent in Great Britain, No. 12,997, bearing date July 18, 1900,) of which the following is a specification.

My invention has for its object an appliance for treating horses' legs with water or other fluid of such character that it may be employed in substitution for the usual bandages, jets, and the like now employed for the purpose. Such appliance consists of a distributing-nozzle connected to the water or other liquid supply and to the desired number of flexible distributing-pipes. These distributing-pipes are connected in their turn each to the inlet of a nozzle having two outlets, which latter are connected to the two ends of a short flexible pipe perforated along one side. Such short pipe, when the appliance is in use, is first placed around the part to be treated and then secured to the nozzle, so that when the water or other liquid-supply is turned on it will escape through the perforations and so reach the part to be treated. The distributing-nozzle is preferably provided with four outlets and these outlets provided with reducing linings to better insure even distribution. It will thus be seen that when arranged in position such appliance needs little or no attention and the liquid-supply may be easily and quickly changed or regulated.

The accompanying drawings illustrate how my invention may be carried into practical effect.

Of the drawings, Figure 1 is a section of the distributing-nozzle, flexible connecting-pipe, three-way nozzle, and perforated pipe; and Fig. 2, a sectional plan of the distributing-nozzle.

The distributing-nozzle A has the inlet *d* thereof connected to the water or liquid supply pipe G, and its four outlets B, which are provided with reducing-liners C to insure equal distribution, are connected to four flexible pipes F, through which the water or other liquid is conveyed to the legs to be treated. These flexible pipes F are connected at their opposite ends to the inlet K of the three-way nozzles H, the two outlets K' K' of which are connected to the opposite ends of a short flexible tube J, which is perforated along one side and so allows the water or liquid escaping to the part around which such short flexible tube is secured.

What I claim is—

An apparatus for treating horses consisting of flexible perforated tubes, one for each leg, each of said tubes being connected with a nozzle H having three branches, a distributing-nozzle arranged to be placed on the horse's back and having four outlets, the reducing-liners in the said outlets, a tube extending from each of the four outlets to the flexible perforated tubes at the horses' legs, and a tube leading to the said distributing-nozzle whereby all the legs of the horses may be supplied at once.

In witness whereof I have hereunto set my hand in presence of two witnesses.

JOHN TATCHELL STUDLEY.

Witnesses:

ALFRED NUTTING,
H. B. JAMESON.