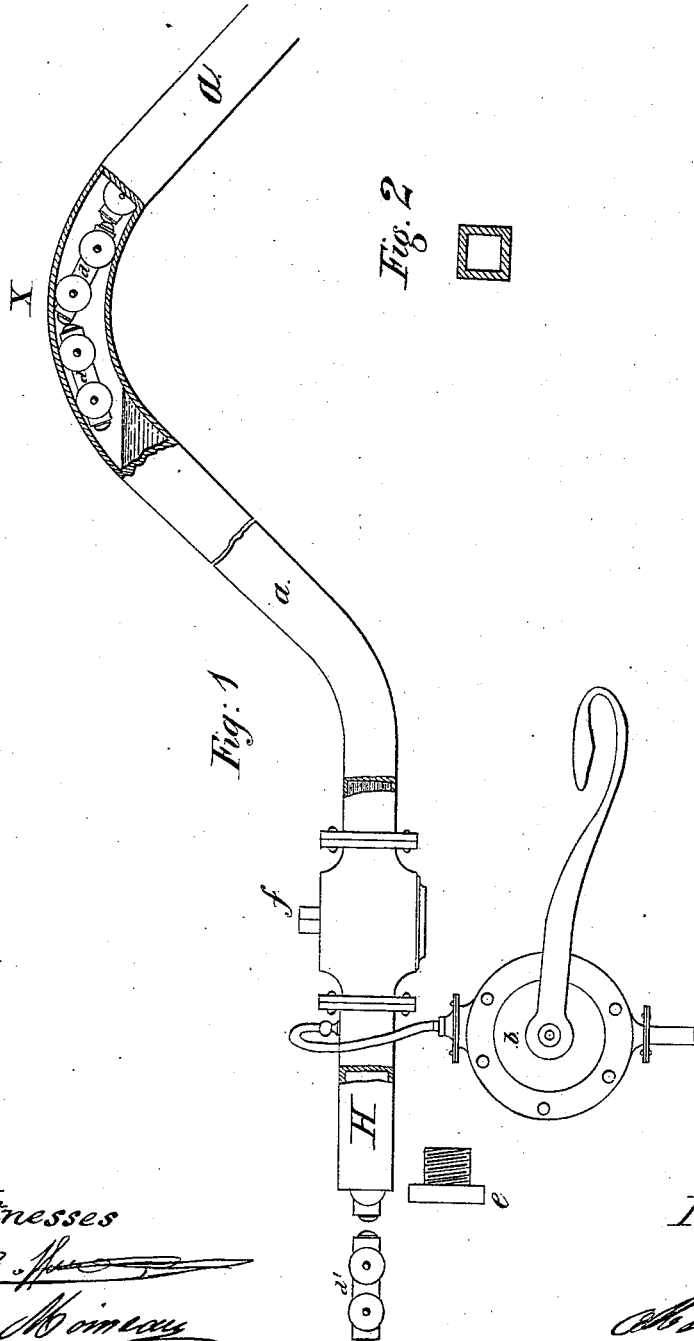


A. LIASSE.  
Apparatus for Conveying Small Parcels.

No. 208,405.

Patented Sept. 24, 1878.



Witnesses  
*[Signature]*  
C. Moineau

Inventor.  
*[Signature]*

# UNITED STATES PATENT OFFICE.

ALBERT LIASSE, OF LONDON, ENGLAND.

## IMPROVEMENT IN APPARATUS FOR CONVEYING SMALL PARCELS.

Specification forming part of Letters Patent No. **208,405**, dated September 24, 1878; application filed August 9, 1878; patented in France, September 8, 1876.

*To all whom it may concern:*

Be it known that I, ALBERT LIASSE, of 67 Strand, London, England, have invented a new and useful Improvement in Apparatus for Transporting Small Articles, such as letters and such like, which improvement is fully set forth in the accompanying drawing.

The object of my invention is to drive through a tube, by water-power in combination with gravity, a train or trains of small carriers containing the objects to be transmitted, which is effected by the combination of what may be termed a "siphon-formed" tube, *a*, with a force-pump, *b*, and train of carriers *d d*, as shown in Figure 1 and in cross-section in Fig. 2.

The tube *a* is laid with an elevated point, X, between each station, and the water-power is merely used to drive the train up to X, when it will descend and traverse the remainder of its course simply from its own gravity.

The trains are first introduced into the tube

at *d'*, when the tube is closed by the screw-plug *e*. A few strokes of the pump are then given to fill the pipe or terminus H. The tap *f* is then turned, by which the operation of the water is called into play. The carriers *d d*, &c., work against the top of the tube in ascending and against the bottom thereof in descending. The train, after passing the summit X, descends by gravity alone to the succeeding station.

I claim as my invention—

The combination of a tube, *a*, force-pump *b*, plug *e*, and tap *f*, for propelling the train of carriers *d d*, in the manner shown, and for the purpose described.

ALBERT LIASSE.

Witnesses:

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