

*H. H. Day,
Rubber Hose.*

N^o 4,150.

Patented Aug. 16, 1845.

Fig. 1.

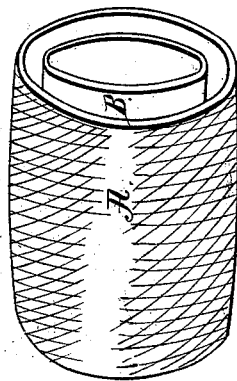
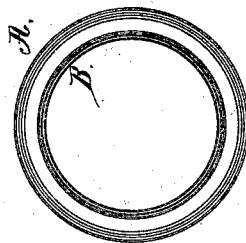


Fig. 2.



UNITED STATES PATENT OFFICE.

HORACE H. DAY, OF JERSEY CITY, NEW JERSEY.

CONSTRUCTION OF HOSE.

Specification of Letters Patent No. 4,150, dated August 16, 1845.

To all whom it may concern:

Be it known that I, HORACE H. DAY, of Jersey City, Hudson county, and State of New Jersey, have invented a new and useful
5 Flexible Pipe or Hose for Conveying Liquids; and I hereby declare that the following is a full and exact description.

The nature of the invention consists in combining two materials one to make the
10 tube impermeable to water and the other to inclose it for protection and to enable it to resist great pressure.

To enable others to make and use my invention I proceed to describe its construction, reference being had to the drawings
15 hereunto annexed and making part of this specification.

Figure 1 is a representation of the pipe. Fig. 2 is a cross section.

20 The hose or pipe consists of an outer pipe and inner one. The outer one or the covering is woven whole of strong fibers of hemp or any suitable fibrous stuff without regard

to making it water tight. In the construction of the outer tube I can make a tolerably
25 strong covering for the elastic tube by cutting duck or canvas into strips and securing the two edges together. But I prefer that which is woven expressly for the purpose without seam because of its greater
30 strength. The inner one is made entire of india rubber; this is put into the woven covering and both are then attached to the coupling boxes by means of wire or twine. This hose is water proof (never leaking un-
35 til destroyed) very flexible and exceedingly durable.

What I claim as my invention and desire to secure by Letters Patent is—

The combination of the external textile
40 tube A, with the entire india rubber tube B, as above described.

HORACE H. DAY.

Signed in presence of—

HALSEY BROWER,
W. GULICK.