D. Pierce,

Awl Handle.

No. 882. Patented Aug. 13, 1838.

Fig: 1.

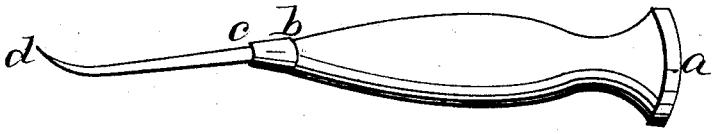

Fig: 3.

Fig: 5.

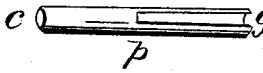

Fig: 6.

Fig: 7.

Fig: 8.

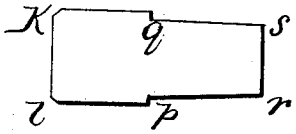

Fig: 4.

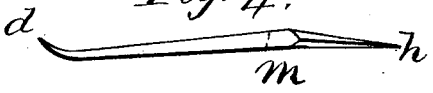

Fig: 2.

Witnesses:
Apollos Gump
Lucy H. Gump

Inventor:
Dexter Pierce

UNITED STATES PATENT OFFICE.

DEXTER PIERCE, OF MONTAGUE, MASSACHUSETTS.

METHOD OF ATTACHING AWLS TO THEIR HAFTS.

Specification of Letters Patent No. 882, dated August 13, 1838.

To all whom it may concern:

Be it known that I, DEXTER PIERCE, of Montague, in the county of Franklin and State of Massachusetts, have invented a new and useful Improvement in the Article of an Awl-Haft; and I do hereby declare that the following is a full and exact description.

The nature of my invention is such that by the means of two small cylinders preferably constructed and a suitable orifice in the maft that I can at pleasure attach or detach and in a complete manner awls of almost every description both of home and foreign manufacture and particularly that of the sewing awls.

The following refers to the drawing appertaining to this specification: Figure 1 represents A, the haft in form for sewing awls B C a part of the outer cylinder to which C D the awl is attached.

Fig. 2 represents B F the solid cylinder partly inclosed by G C and having a bearing upon the shank point of the awl C D the awl attached to and by the cylinders.

Fig. 3 represents A B the haft having at B an orifice in which I insert Fig. 2 F G having a bearing upon B and B meeting the bottom of the orifice attaches the cylinders and awl to the haft as Fig. 1 represents.

Fig. 4 represents D M H the awl of foreign manufacture.

Fig. 5 represents C P G the hollow cylinder which I manufacture from sheet tin or other metal having a cut or opening P G along which I pass the shank of the awl until the point or crosswise part of the sewing awl passes quite through the orifice E.

Fig. 6 represents F E the solid cylinder which I manufacture from wire F N a cut or cavity to receive the shank point of the awl and which will receive the shank point so as to have the awl point more or less elevated to suit convenience in use which cut or cavity I substitute by an orifice when the awl to be attached is of the straight kind and to hang straight from the haft.

Fig. 7 represents D M F the awls F N B the solid cylinder attached to the shank-point at F.

Fig. 8 represents the sheet or plate from which the hollow cylinder is formed by wrapping it around wire of the same diameter as that from which the solid cylinder is made and soldering H G to L I the cut or opening being produced by G S and I K as P G, Fig. 5, K, L being formed to a taper or construction of the orifice at E, Fig. 5, which forms produce an awl haft and fasten suited completely to sewing and almost every other purpose small and convenient in form light and easy in use simple and ready in manufacture and may be produced at much less expense than that of any other method to me known.

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

My method of inclosing and attaching between two cylindric pieces of metal awls of various kinds of securing or staying the same to their hafts and of elevating or depressing the points of sewing awls as set forth in this specification and drawing.

DEXTER PIERCE.

Witnesses:

APOLLOS GUNN,

LUCY H. GUNN.