

J. S. ROSENTHAL.

ASBESTUS PACKING.

No. 178,192.

Patented May 30, 1876.

Fig 1.

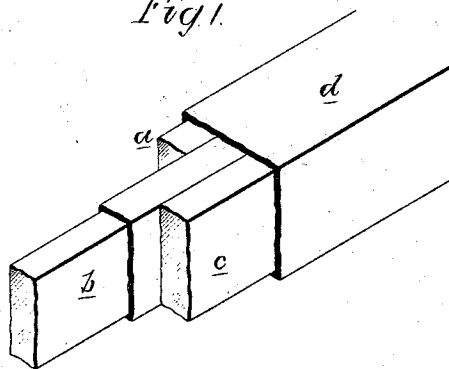
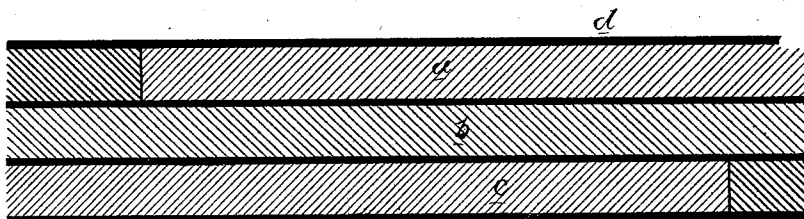


Fig 2.



Witnesses,
Harry Howson Jr.
Harry Smith

^d
John S. Rosenthal
by his Attorneys
Howson and Son

UNITED STATES PATENT OFFICE.

JOHN S. ROSENTHAL, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN ASBESTUS PACKINGS.

Specification forming part of Letters Patent No. **178,192**, dated May 30, 1876; application filed April 28, 1876.

To all whom it may concern:

Be it known that I, JOHN S. ROSENTHAL, of Philadelphia, Pennsylvania, have invented certain Improvements in Asbestos Packing, of which the following is a specification:

My invention relates to an improvement in that class of packing which is composed mainly of asbestos; and the object of my invention is to make this packing more compact, durable, and otherwise more available for the purpose than that heretofore made.

In the accompanying drawing, Figure 1 is a perspective view, showing a piece of my improved packing, and Fig. 2 a longitudinal section.

In carrying out my invention I prepare an asbestos board, in accordance with the patent granted to me on the 20th day of August, 1872. I cut this board into strips, and use any desired number of layers in the manufacture of the packing. In the present instance there are three layers, *a*, *b*, and *c*, placed side by side and confined by a cover, *d*, of braid, net-work, wrapping, or suitable fabric, both the strips and covering being impregnated with an appropriate lubricant. The central layer is thus covered before it is combined with the others. A continuous rope of

packing may be made by arranging the strips as shown in Fig. 2—that is, in length, placed end to end, the joints between one series of strips being situated between the joints of the other series. The number of layers of strips of asbestos board will in a measure depend upon the size of the packing, the shape of the strips being in accordance with the desired shape of the said packing.

I do not desire to claim broadly the use of asbestos in the manufacture of packing; but I claim as my invention—

A packing, composed of strips of asbestos board, made in accordance with the patent granted to me on the 20th day of August, 1872, No. 130,663, the said strips being arranged side by side in lengths, the inner strip or strips being wrapped with fabric or braid, and the whole wrapped with a separate fabric or braid, as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

J. S. ROSENTHAL.

Witnesses:

HARRY HOWSON, Jr.,
HARRY SMITH.