April 15 , 1924. 1,490,296

P. J. SWANSON

MAT

Filed Jan. 22 , 1923

FIG. 1

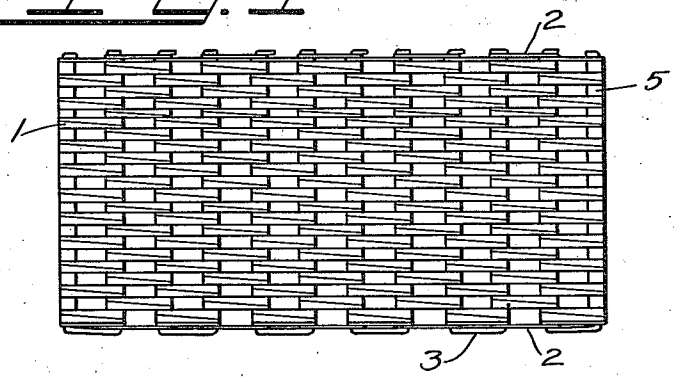


FIG. 2

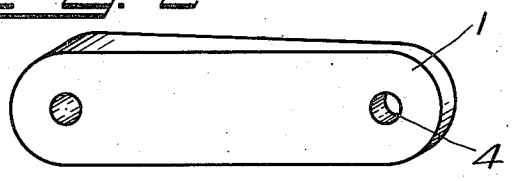


FIG. 3

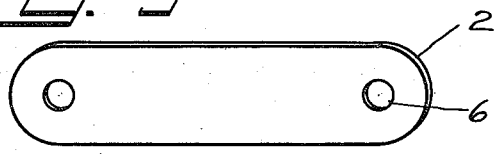
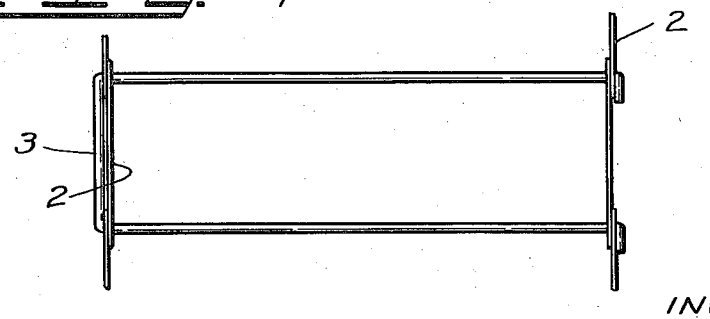


FIG. 4



INVENTOR

Peter J. Swanson

Harry Bowen

ATTORNEY

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UNITED STATES PATENT OFFICE.

PETER J. SWANSON, OF SEATTLE, WASHINGTON, ASSIGNOR TO TIRE MAT & BI-PRODUCTS CO., INC., OF SEATTLE, WASHINGTON.

MAT.

Application filed January 22, 1923. Serial No. 614,126.

To all whom it may concern:

Be it known that I, PETER J. SWANSON, a citizen of the United States, residing at Seattle, county of King, and State of Washington, have invented a new and useful Mat; and I do hereby declare that the following is a full, clear, and exact specification, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention is a mat similar to a door mat or the like which is made of staggered sections of used motor vehicle tires.

The object of the invention is to provide a mat similar to a door mat that may be constructed of waste material or used motor vehicle tires.

Another object of the invention is to provide a means for holding sections of used motor vehicle tires together in such a shape that they may be used for a mat.

With these ends in view the invention embodies the assembling of sections of used motor vehicle tires in such a position that they may be used as a mat.

Other features and advantages of the invention will appear from the following description taken in connection with the drawings, wherein:—

Figure 1 is a plan view.

Figure 2 is a detail showing one of the sections.

Figure 3 is a detail showing one of the guard plates at the sides.

Figure 4 is a view showing a section of the frame.

In the drawings I have shown my mat as it would be constructed wherein numeral 1 indicates one of the sections, numeral 2 the side plates, and numeral 3 the U shaped bars.

The sections 1 may be stamped or cut from used motor vehicle tires in any desired manner and may have holes 4 in them which may be placed over the ends of the U shaped bars 3. The sections 1 may be placed on the frame individually or may be placed in pairs with the thick end of one section opposite the thin end of the other as shown in Figure 1, as these sections are taken from the side of a tire one end will be thicker than the other. At the ends of the mat washers or rings 5 may be inserted between the sections in order to close the ends.

The side plates 2 may be constructed as shown of a thin metal and they may be a little smaller than the sections 1 so that their edges will not scrape the floor or surface upon which the mat is placed. These plates have holes 6 in them which may be placed over the ends of the U shaped bars 3. It will also be seen that these plates will tie the edges of the mat together and keep it in shape.

The U shaped bars 3 may be constructed as shown and may have the plates 2 that form one side of the mat placed on them and then the sections 1 may be placed on them in any desired manner to form a mat similar to that shown in Figure 1 or of any other desired design. After enough sections have been placed on the bars another set of the side plates 2 may be placed on the side of the mat and the ends of the wires bent over as shown in Figure 4. It is understood that these wires may be riveted, welded, threaded for nuts, or clamped in any desired manner, or the two ends may be connected together in any desired manner.

It is understood that changes may be made in the construction without departing from the spirit of the invention. One of which changes may be in the making of the sections 1 in any desired shape or in the assembling of them to form a mat of any desired shape or design. Another change may be in the shape and design of the plates 2, or in the use of one of these plates on every other bar, or in the use of the plates on one side only, or in the omission of the plates altogether. And still another change may be in the shape or design of the U shaped bars, or in the means for connecting them at the ends or in the connecting of them together. It is therefore understood that the size or shape of the mat or the manner of making it is immaterial as the object of this invention is to utilize used motor vehicle tires and assemble pieces cut from them in such a manner that they may be used as a mat.

The construction will readily be understood from the foregoing description. To use the device it may be assembled as shown

or in any desired manner and it will be seen that the edges of the rubber will produce a very efficient surface for scraping mud or dirt of any character from the shoes. It will also be seen that as the material is not as hard as the leather it will not scratch or wear the soles as is true of a metal mat. And it will also be seen that with a mat of this type it will be possible to force the edges of the soles in between the sections in order to clean them without scraping the upper part of the shoe.

Having thus fully described the invention, what I claim as new and desire to secure by Letters Patent, is:—

A mat of the class described embodying link sections of rubberized laminated fabric assembled on U-shaped bars in staggered relation to each other; each of said link shaped sections comprising a plurality of wedge shaped members; and a suitable means for holding the sections on the U-shaped bars.

PETER J. SWANSON.