United States Patent [19]

Pakulak

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[54] **SAFETY GLOVE**

[75] Inventor: **Steve Pakulak**, Eugene, Oreg.

[73] Assignee: **Raymond Lee Organization, Inc.**, New York, N.Y.

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[52] **U.S. Cl.** ..... **2/161 R**

[51] **Int. Cl.** **A41d 19/00**

[58] **Field of Search** ..... 2/158, 159, 161 R, 2/160

[56] **References Cited**

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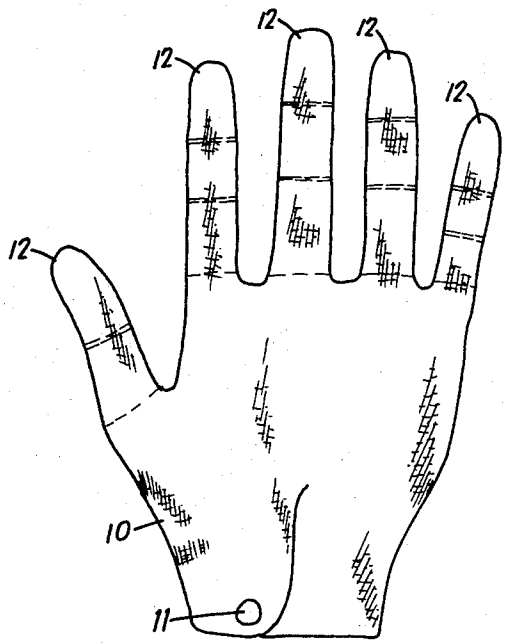
Primary Examiner—Geo. V. Larkin

Attorney—Howard J. Podell

[57] **ABSTRACT**

A safety glove, in which is embedded steel caps and steel cylinders located at the finger tips, and between the finger joints, respectively so as to protect the fingers of the wearer. The inner liner of the glove may be made of a cloth material and the outer covering of the glove may be leather, or for waterproof purposes, plastic or rubber.

5 Claims, 4 Drawing Figures



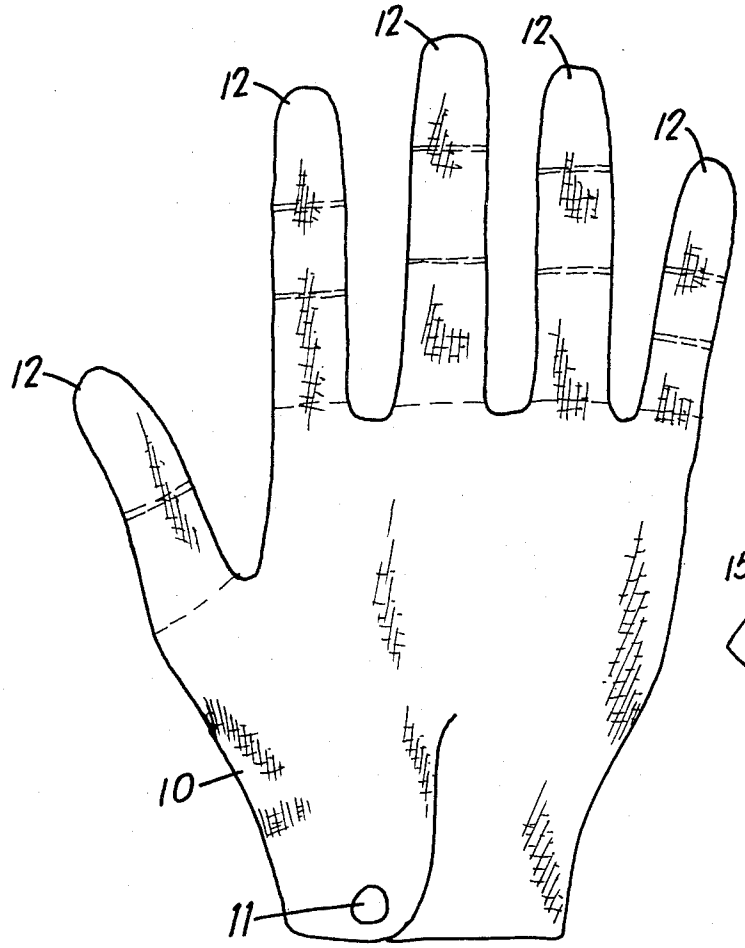


FIG. 1.

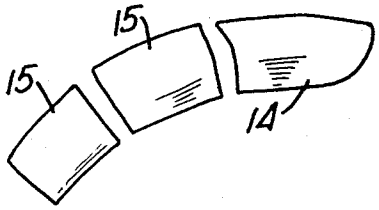


FIG. 2.

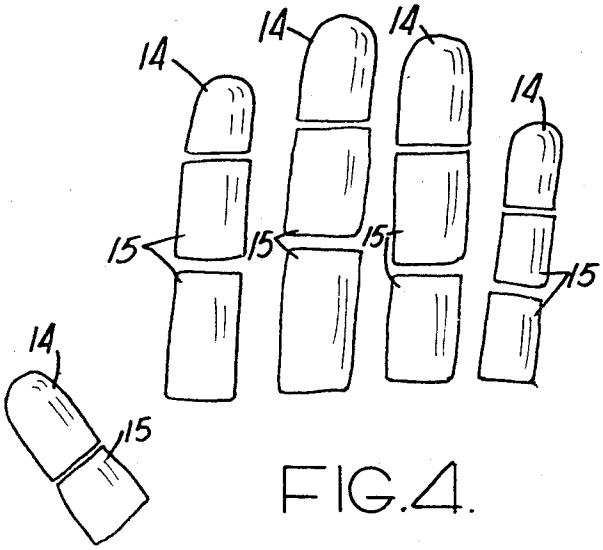


FIG. 4.

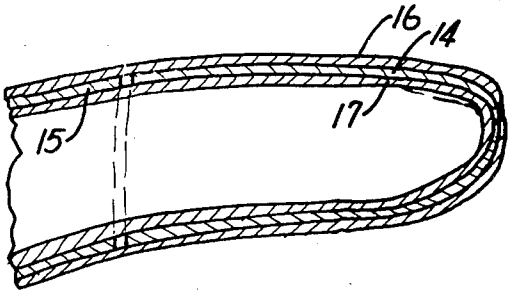


FIG. 3.

INVENTOR.
STEVE PAKULAK
BY Howard S. Podell
AGENT

SAFETY GLOVE

SUMMARY OF THE INVENTION

My invention consists of an improved safety glove in which embedded steel caps protect the tips of the fingers and thumb, with hollow steel cylinders between the finger joint locations to protect the remainder of the fingers, while permitting flexing of the finger as required to grip tools or work loads.

The inner liner of my glove may be made of cloth material, and the outer covering fabricated from leather, rubber or plastic material.

BRIEF DESCRIPTION OF THE DRAWING

The objects and features of the invention may be understood with reference to the following detailed description of an illustrative embodiment of the invention taken together with the accompanying drawing in which:

FIG. 1 is a plan view of the glove as seen from the palm;

FIG. 2 is a side view of the embedded steel cap and cylinders protecting one finger;

FIG. 3 is a plan view of the embedded steel caps and cylinders in the entire glove as seen from the palm; and

FIG. 4 is a cross-section of a finger section of the glove.

DESCRIPTION OF THE PREFERRED EMBODIMENT

Turning now descriptively to the drawings, in which similar reference characters denote similar elements throughout the several views, FIG. 1 – 4 illustrate safety glove **10** with reinforced finger sections **12**. The reinforcements embedded in the gloves are a steel cap **14** for the tip of each finger and a hollow steel cylinder **15**, protecting each finger section between the joints. The glove **10** thus will permit the fingers of the wearer to flex as required to grip a load or to handle necessary

tools. The inside liner **17** of the glove is preferably fabricated of a cloth material, and the outside cover **16** of the glove is preferably fabricated of leather. Where water-proofing is a requirement, the outside layer **16** of the glove **10** may be fabricated of rubber or plastic.

Since obvious changes may be made in the specific embodiment of the invention described herein without departing from the scope thereof, it is indicated that all matter contained herein is intended to be interpreted in an illustrative and not a limiting sense.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent of the United States is:

1. A safety glove to protect the fingers of the user from accidental injury and particularly from otherwise crushing forces consisting of embedded

steel cap members so located as to protect the tips of the fingers and the thumb, and embedded

steel hollow cylindrical members located between the finger joint sections of the glove so as to protect the fingers and the thumb, while permitting flexing of said fingers and thumb, each said set of a cap member and said cylindrical members forming a continuous protective shield about the glove fingers in the straight orientation of each glove finger.

2. A safety glove as described in claim **1** in which a liner of cloth material forms the innermost layer of said glove.

3. A safety glove as described in claim **2** in which the outermost cover layer of the glove is fabricated of leather.

4. A safety glove as described in claim **2** in which the outermost cover layer of the glove is fabricated of rubber.

5. A safety glove as described in claim **2** in which the outermost cover layer of said glove is fabricated of plastic material.

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