

[54] PRE-STAMPED SEATING DEVICE

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297/DIG. 2

[51] Int. Cl. .... **A47b 3/06**

[58] Field of Search ..... 297/440, 445, 452,  
297/457; 248/188, 188.1; 108/156, 158

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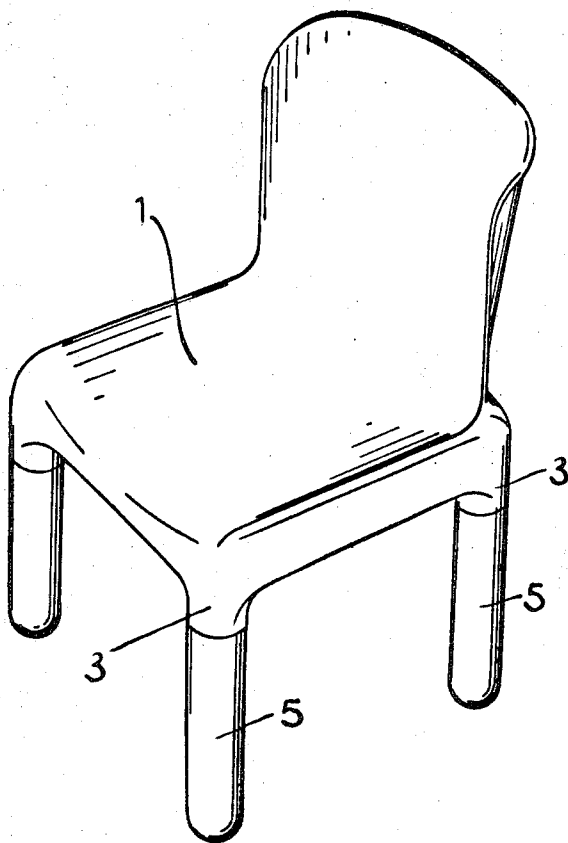
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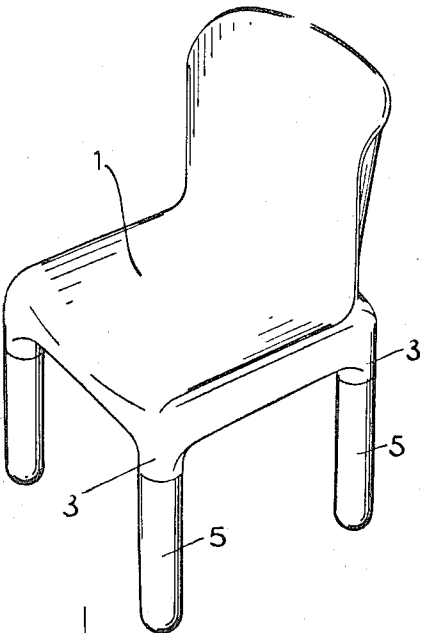
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**ABSTRACT**

A chair made of prestamped synthetic plastic material, having underneath the seat a plurality of sleeves with frusto-conical scored or knurled regions, which accept thereon mating threaded regions provided in the upper extremities of the chair's legs. The basis of the scored or knurled region in the legs forms an annular ledge for perfect assembly due to the smaller diameter of the scored or knurled region in the leg.

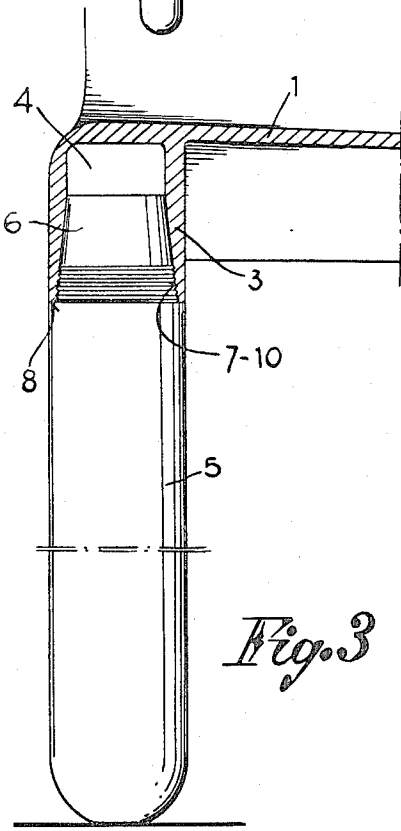
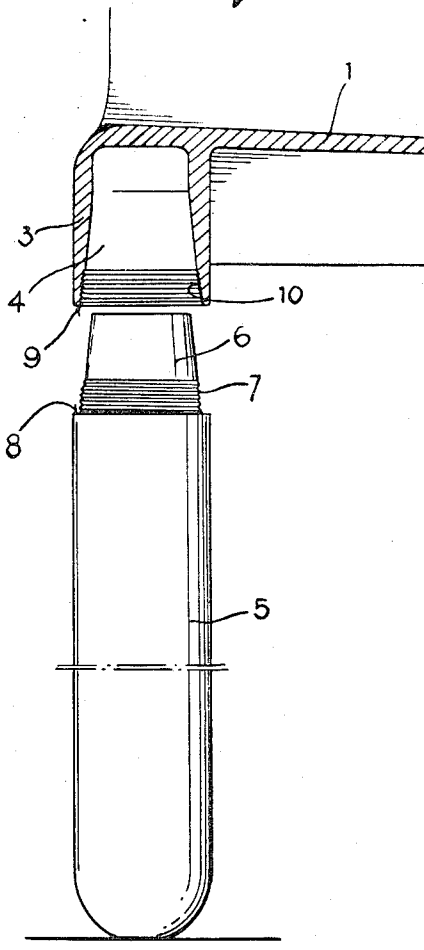
**2 Claims, 3 Drawing Figures**





*Fig. 1*

*Fig. 2*



*Fig. 3*

## PRE-STAMPED SEATING DEVICE

The present invention is directed to furniture that, in general, is prefabricated by stamping from synthetic plastic materials. Specifically, the invention is related to chairs, prestamped from plastic material, having provided underneath the seats thereof a plurality of uniquely shaped sleeves, each of them having a conicaly-shaped opening with a micrometrically scored or knurled portion on the inner surface of the sleeve for receiving a leg of the chair, which leg is equally prestamped from plastic material and has a frusto-conically shaped upper extremity with outer diameter mating the inner diameter of the said sleeve and with a scored or knurled portion mating micrometrically the scored or knurled portion of the said sleeve.

The uniquely constructed chair has the clear advantage of being disassemblable, thus adding to the storing, shipping and transporting thereof from the wholesaler or furniture dealer to the individual buyer.

These and other advantages of the invention will become more apparent from the following detailed description thereof and from the accompanying drawings in which:

FIG. 1 is a perspective view of the chair;

FIG. 2 is a partly sectional view of a detail of FIG. 1, showing a leg of the chair prior to assembly; and

FIG. 3 is a partly sectional view of the same detail as in FIG. 2, but after assembly of the leg and the seat.

With reference to the drawings, which are given solely for illustrative purpose, the chair of the invention comprises a seat 1 forming a monolithic single body with the back of the chair through a conventional stamping operation using conventional plastic materials. Underneath the seat 1 and in correspondence with the corners thereof there are provided four hollow sleeves 3, each defining a seat 4, frusto-conically shaped and having mostly a smooth inner surface, but for a region 10 which is scored or knurled.

The chair of the invention comprises four detachable legs 5, preferably hollow and prestamped from plastic materials like the main body of the chair. The upper extremity of each leg 5, indicated at 6, is also frusto-conically shaped to match the shape of the hollow

sleeve 3. At the base of the frusto-conically shaped extremity 6 there is a scored or knurled region 7 matching the scored or knurled region 10 in the sleeve but preferably cylindrically shaped.

The diameter of the scored or knurled region 7 is smaller than the outside diameter of the leg 5, so as create in the upper portion of the leg, adjoining the scoring or knurling 7 an annular ledge 8 corresponding to the annular head 9 on the low portion of the sleeve 3.

Each leg 5 of the chair is assembled to the respective seat 4 provided in the sleeve 3 in such a way as to obtain a substantially forced mating of the scored or knurled parts, due to the frusto-conical scoring or knurling 10 and the, preferably cylindrical, scoring or knurling 7. Because of this unique characteristic a very sturdy assembly is possible between legs and seat with the resultant impossibility of accidental disassembly.

Obviously, the same construction may be employed in chairs having 3 legs or in sofas and the like having 6 legs.

What is claimed is:

1. An improved, molded plastic article of furniture comprising: a support surface; a plurality of internally frusto-conical tubular sleeves extending downwardly from said support surface; a frusto-conical, scored region on the internal surface of each of said plurality of sleeves; a plurality of legs corresponding in number to said plurality of sleeves; an external, frusto-conical extremity on each of said legs, each said extremity having a cylindrical, scored region thereon; the outside diameter of said scored region of each said leg being smaller than the outside diameter of said leg thus forming an annular ledge on the base of said scored region, said scored region on the external extremity of each said leg being axially forced during assembly into said respective sleeve and snapped over said internally scored region thereof for defining a forced mating between each said sleeve and each said leg.

2. The device according to claim 1, wherein said scored region of said leg is cylindrically shaped, while said scored region of said sleeve is frusto-conically shaped.

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