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AUSTRALIA
Patents Act 1990

PATENT REQUEST AND NOTICE OF ENTITLEMENT

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being the Applicant and Nominated Person, request the grant of a patent for an invention entitled MOLDED WOODEN PANEL FOR DECORATIVE COVERINGS which is described in the accompanying standard complete specification.

Convention priority is claimed from the following basic application:

Basic Applicant	Application Number	Application Date	Country	Country Code
Agustin Sansano Sanz	9202002	8 October 1992	Spain	ES

The applicant and nominated person is the actual inventor of the invention.

The basic application was the first application made in a Convention country in respect of the invention the subject of this request.

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DATED this 8th day of October 1993

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By his Patent Attorney


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MOLDED WOODEN PANEL FOR DECORATIVE COVERINGS
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- (56) Prior Art Documents
AU 35925/71 439548
- (57) Claim

1. A method of making a wooden panel for decorative coverings, characterised in that the method comprises the steps of:

applying an adhesive layer to one of a flexible support and a wooden sheet;

placing said wooden sheet on said flexible support so that said adhesive layer is disposed between said wooden sheet and said flexible support;

applying pressure to said wooden sheet and said flexible support such that a greater adherence is obtained; and

treating said wooden sheet such that different segments having preselected geometric features are formed, a plurality of channels being formed between adjacent segments, the thickness of the wooden sheet being considerably smaller at said channels than a maximum thickness of said wooden sheet such that the resulting panel will adapt perfectly, without breaking, to curved surfaces or to surfaces having different planes.

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Regulation 3.2

AUSTRALIA
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**SUBSTITUTE
COMPLETE SPECIFICATION
STANDARD PATENT**

Invention Title: MOLDED WOODEN PANEL FOR DECORATIVE
 COVERINGS

The following statement is a full description of this invention, including
the best method of performing it known to us:

GH&CO REF: P22983-A:ADK:RK

1 MOLDED WOODEN PANEL FOR DECORATIVE COVERINGS

OBJECT OF THE INVENTION

 Just as is expressed in the title of this specifica-
 tio, the present invention refers to a decorative cover-
5 ing panel whose purpose is to provide a decorative and
 covering means of different surfaces, though these sur-
 faces are curved or include different planes.

 The invention is especially applicable to the cover-
 ing and decorating furniture, walls, columns, ships, di-
10 viders or the like, though it can be applied to any sur-
 face which is to be protected and ornamented.

BACKGROUND OF THE INVENTION

 Different types of coverings for different surfaces
 are known which permit the same to have their aesthetic
15 aspect improved or to provide a means of protection. Most
 of them are used for very specific purposes and thus their
 field of application is very restricted.

 Besides, these coverings are very difficult or impos-
 sible to apply to curved surfaces or surfaces that include
20 different planes.

DESCRIPTION OF THE INVENTION

 The present invention provides a decorative covering
 panel that has a more or less flexible or rigid support such
25 as cloth, plastic, cardboard, fibers, laminate metals or the
 like with any thickness, depending on where the same is to
 be placed.

 A sheet that is preferably made out of wood and
 mechanized so that it has a plurality of segments separa-
30 ted by channels in which said sheet will be thinner is
 adhered to this support. The repetition of these segments
 gives rise to the motif of the panel.

 All the segments remain joined forming a single piece,
 but the connections between them, defined by the cited
35 channels, permit the flexibility thereof without the same

breaking, thus it is possible to apply the panel to very curved surfaces, as well as to surfaces with different planes.

According to the present invention there is provided
5 a method of making a wooden panel for decorative coverings, characterised in that the method comprises the steps of:

applying an adhesive layer to one of a flexible support and a wooden sheet;

10 placing said wooden sheet on said flexible support so that said adhesive layer is disposed between said wooden sheet and said flexible support;

applying pressure to said wooden sheet and said flexible support such that a greater adherence is
15 obtained; and

treating said wooden sheet such that different segments having preselected geometric features are formed, a plurality of channels being formed between adjacent segments, the thickness of the wooden sheet
20 being considerably smaller at said channels than a maximum thickness of said wooden sheet such that the resulting panel will adapt perfectly, without breaking, to curved surfaces or to surfaces having different planes.

25 BRIEF DESCRIPTION OF THE FIGURE

A preferred embodiment of the present invention will now be described by way of example only with reference to the accompanying drawing.

The said figure represents a perspective view of the
30 decorative covering panel of the embodiment of the present invention, the thickness of support (1) and of the layer of adhesive (2) having been exaggerated.



1 DESCRIPTION OF THE EMBODIMENT OF THE INVENTION

Hereinafter the description of an example of the invention is made referring to the numbers used in the figure.

5 Hence, the decorative covering panel of this embodiment has a flexible cloth support (1) to which a wooden sheet (3) is fastened by means of a layer of adhesive (2.)

10 The wooden sheet (3) is mechanized so that a series of segments (4), whose repetition forms a motif, is defined, separated by channels (5) in which the thickness of the sheet (3) is much smaller.

15 The segments (4) of this embodiment of the invention have a constant section with the top curviconvex edge, but likewise they can have other geometric features, as long as between said segments (4) channels (5) in which the thickness of the wooden sheet (3) is small are established.

20 It must be like this so that the connections between the segments (4) are flexible without easily breaking, so that the panel has a considerable flexibility when so required.

25 These panels can be applied to surfaces with different planes or curved ones as a result thereof.

30 The manufacturing of said panels consists of applying the adhesive layer (2) on the support (1) and placing the sheet (3) thereon before making the segments (4) and channels (5) in it. Then, said components are pressed to lachieve greater adherence.

35 Once the support (1) is strongly connected to the sheet (3), the latter is milled to form the segments (4) and the channels (5.)

CLAIMS

1. A method of making a wooden panel for decorative coverings, characterised in that the method comprises the steps of:

5 applying an adhesive layer to one of a flexible support and a wooden sheet;

 placing said wooden sheet on said flexible support so that said adhesive layer is disposed between said wooden sheet and said flexible support;

10 applying pressure to said wooden sheet and said flexible support such that a greater adherence is obtained; and

 treating said wooden sheet such that different segments having preselected geometric features are
15 formed, a plurality of channels being formed between adjacent segments, the thickness of the wooden sheet being considerably smaller at said channels than a maximum thickness of said wooden sheet such that the resulting panel will adapt perfectly, without breaking,
20 to curved surfaces or to surfaces having different planes.

2. A method according to claim 1, wherein said channels are formed by milling.

3. A method according to any of the preceding
25 claims, wherein the segments have a section with a convex top.

4. A method according to any of the preceding claims, wherein said support is a laminate.

5. A wooden panel for decorative coverings,
30 characterised in that it has been manufactured by a method according to any of the preceding claims.

6. A method of making a wooden panel for decorative coverings, the method substantially as hereinbefore described with reference to the accompanying drawing.

35 7. A moulded wooden panel substantially as herein described with reference to the accompanying drawing.



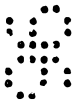
8. A moulded wooden panel for decorative coverings and made according to a method having the features claimed in claim 1.

DATED this 22nd day of December 1995

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