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(54) SIGN SUPPORT SYSTEM

(57) Sign support system characterised in that it comprises at least one supporting part (1) provided with two ends (2), which include corresponding upper extensions (3) comprising an inclined housing (4) facing in a converging direction for holding the lower edges of corresponding sheets (7 and 8) of a sign (9), such that said sheets (7 and 8) are displayed in an inclined position and in a converging direction. This configuration makes it possible to display the sheets (7 and 8) stably on any type of surface, including flat, curved or any other surface, such as tables, chairs, etc. In the preferred embodiment, each housing (4) defines an outer leg (5) and an inner leg (6) inclined in a converging direction to make it easier to hold the sheets (7 and 8).

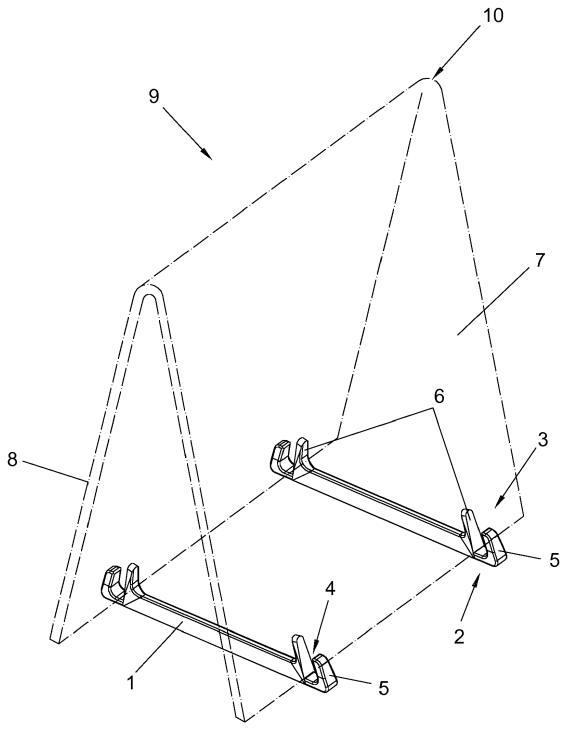

FIG. 1

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Description

Object of the invention

[0001] The present invention relates to a system that is intended to hold a sign made up of two sheets in order to display the two sides stably on any type of surface, including flat, curved or any other surface, such as tables, armchairs, etc.

[0002] The invention is applied for exhibiting and displaying any kind of sign, and more specifically for exhibiting and displaying advertising signs.

Background of the invention

[0003] The use of different types of sign support systems for displaying signs with more than one side is known in the state of the art. In cases where the sign has two sides, the sign that is normally used is composed of two sheets, which are obtained from a dihedral plate whose common corner forms an upper vertex and whose end edges are placed on the surface where the sign is intended to be displayed, to ensure that the two sides of the sign are visible.

[0004] The disadvantage of this configuration is that when the sign is placed on surfaces that are not flat, for example, curved surfaces such as sofas, armchairs, etc., there is not enough stability to allow the sign to remain in the display position, which causes the sign to fall over and has to be put back up continuously.

Description of the invention

[0005] In order to achieve the objectives and solve the drawbacks mentioned above, the invention provides a new sign support system characterised in that it comprises at least one supporting part with two ends, which include corresponding upper extensions, each of which is provided with an inclined housing facing in a converging direction. The advantage of this configuration is that it makes it possible to hold the lower edges of the corresponding sheets of a sign, such that said sheets are held in the supporting part in an inclined position and in converging directions, which makes it possible to display the two sides of a sign.

[0006] The two sides of the sign can be independent such that, when held in the housings, they can converge upwards. However, they can also be obtained from a single dihedral plate whereby the two sheets of the sign are formed, such that their common corner constitutes a hinged shaft.

[0007] The invention provides that the hinged shaft of the dihedral plate can be configured by weakenings or chamfer cuts made on the plate or even by incorporating hinged means that make it possible to attach the sheets by their upper vertex and therefore permit the opposite lower edges to be held in the housings.

[0008] Each housing provided in the extensions defines an outer leg and an inner leg between which the lower edges of the sheets that make up the sign are held.

[0009] In the preferred embodiment of the invention, the upper extensions are in an inclined position in a converging direction, such that the inclined housing defines an outer leg and an inner leg, also inclined in converging directions. The legs can obviously adopt any other configuration that makes it possible to provide inclined housings in a converging direction.

[0010] In addition, in the preferred embodiment, the outer leg is longer than the inner leg, which provides greater stability while holding and securing the sign in the housings of the supporting part, minimising the visual impact on the visible sides of the sign as much as possible. Since one of the outer legs is short, it is avoided to partially cover the visible side of the sheets of the sign.

[0011] The supporting part can be manufactured in any material, with any length and even by varying the inclination of its housings, depending on the appearance intended to be given to the sign. For example, the supporting part can be made of plastic, cardboard, wood, metal or a combination of these materials.

[0012] In the preferred embodiment of the invention, the ends of the supporting part face each other, although they may have other configurations that make it possible to hold the lower edges of two sheets.

[0013] According to one embodiment, the system comprises two supporting parts holding the lower edges of the sheets, which provides excellent stability to the sign that is displayed since said supporting parts are arranged in parallel and separated at a suitable distance to achieve maximum stability. This makes it possible to obtain great balance in the display of the double-sided sign, not only when placed on a flat surface, such as a table, but especially when placed on a curved surface, such as anywhere in an armchair or sofa, without it losing any stability. This configuration prevents the sign from losing its balance and falling over continuously and having to be put back up over and over again.

[0014] The number of supporting parts to be used for holding a sign depends on the dimensions of the sign and the surface on which it will be placed.

Description of the figures

[0015] To supplement the description that is being made and for the purpose of helping to make the features of the invention more readily understandable, a set of drawings has been attached to this specification as an integral part thereof, which represents the following by way of illustration and not limitation:

Figure 1 shows a perspective view of an embodiment in which the sign is held by two supporting parts. In this figure, the sign has been represented with dotted lines to facilitate the display of the two supporting parts to which the sign is attached.

Figure 2 is a perspective view of a supporting part

of the system of the invention.

Preferred embodiment of the invention

[0016] The invention is made up of a part 1 comprising at the ends 2 thereof corresponding extensions 3 facing upwards, each of which is provided with an inclined housing 4 arranged at an acute angle with respect to the part 1, such that the housings 4 tend to converge.

[0017] The housings 4 are configured to hold the lower edges of two sheets 7 and 8 of a sign 9, such that said sheets 7 and 8 of the sign 9 are held in the supporting part 1 in an inclined position and converging upwards.

[0018] The housings 4 define an outer leg 5 and an inner leg 6, such that the inner leg 6 is longer than the outer leg 5, which improves the stability and the attachment of the anchoring point of the sheets 7 and 8 of the sign 9 while minimising the visual impact on the visible side of said sheets at the same time.

[0019] In the preferred embodiment of the invention, the extensions 3 are also inclined at an acute angle with respect to the supporting part 1, such that they tend to converge, which determines that the housings 4 define an outer arm 5 and an inner arm that are inclined in a converging direction.

[0020] The use of more than one supporting part 1 is envisaged to hold the sign 9 more easily. The number of said supporting parts 1 depends on the dimensions of the sign 9 intended to be displayed and of the surface on which it is intended to be placed.

[0021] The sheets 7 and 8 of the sign 9 form part of a single sign structure 9 with a dihedral configuration whose common sides converge on a shaft 10, for which said shaft is formed by weakenings, chamfer cuts or even hinged means that provide access to the dihedral shape, but that could also adopt any other configuration such as, for example, two independent sheets held in an inclined position while converging upwards.

[0022] In short, the configuration described above makes it possible to hold a double-sided sign 9, for example an advertising sign, for forming a stable assembly that can be placed in a stable manner not only on a straight surface such as a table, but also on any part of an armchair or sofa without losing stability and without falling over, such that it does not have to be put back up continuously.

Claims

1. Sign support system, **characterised in that** it comprises at least one supporting part (1) provided with two ends (2), which includes corresponding upper extensions (3) comprising an inclined housing (4) facing in a converging direction for holding the lower edges of corresponding sheets (7 and 8) of a sign (9), such that said sheets (7 and 8) are displayed in an inclined position and in a converging direction, which makes it possible to see the two sides of a sign (9).

2. The system according to claim 1, wherein each housing (4) defines an outer leg (5) and an inner leg (6).

3. The system according to claim 1, wherein the upper extensions (3) are in an inclined position in a converging direction.

4. The system according to claims 2 and 3, wherein the housing (4) defines an outer leg (5) and an inner leg (6) inclined in a converging direction.

5. The system according to claim 4, wherein the outer leg (5) is longer than the inner leg (6).

6. The system according to claim 1, wherein the supporting part (1) is made of a material selected from plastic, cardboard, wood, metal and a combination thereof.

7. The system according to claim 1, wherein the ends (2) of the supporting part (1) face each other.

8. The system according to claim 1, wherein the sheets (7 and 8) of the sign (9) are made up of a dihedral plate, whose common edge (10) constitutes a hinged shaft.

9. The system according to claim 8, wherein the hinged shaft (10) of the dihedral plate has a configuration selected from weakenings, chamfer cuts and hinged means.

10. The system according to any one of the preceding claims, wherein it comprises two supporting parts (1) arranged in parallel for holding the edges of the sheets (7 and 8) of the sign (9).

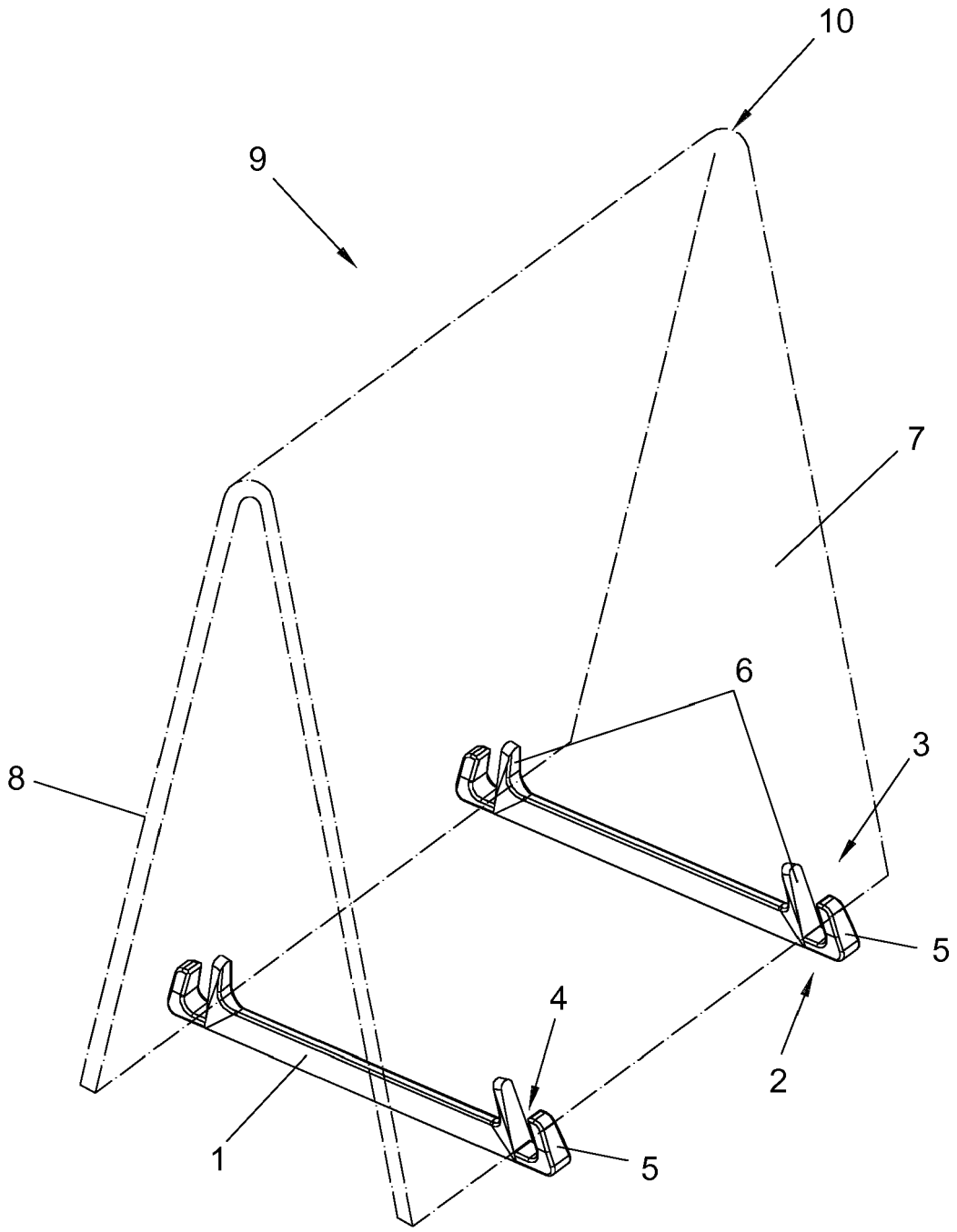

FIG. 1

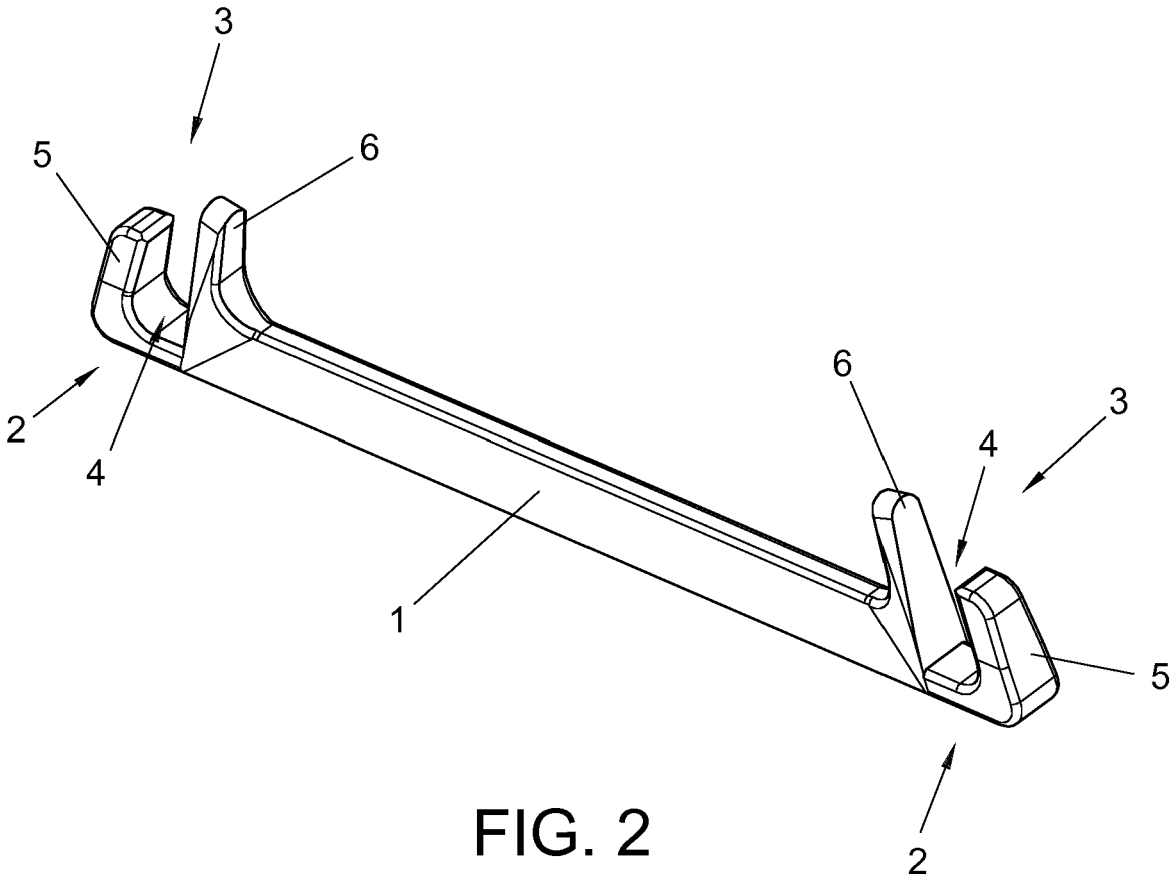

FIG. 2

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EUROPEAN SEARCH REPORT

Application Number
EP 19 15 9317

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X Y	EP 0 005 957 A2 (CAMERON JOHN SAMUEL) 12 December 1979 (1979-12-12) * page 1, line 1 - line 4 * * page 2, line 21 - page 3, line 7 * * figures 1-2 * -----	1-4,6-10 5	INV. G09F1/10 G09F1/14 ADD. G09F7/18
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A	BE 640 505 A (DHR LEOPOLD VAN LOOY) 28 November 2004 (2004-11-28) * page 3, line 17 - page 4, line 12 * * figures 1-5 * -----	1-10	

TECHNICAL FIELDS SEARCHED (IPC)
G09F A47G

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	23 May 2019	Pantoja Conde, Ana

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 19 15 9317

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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23-05-2019

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82