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(54) **Thin tape-type magnetic decorative body**

(57) A thin tape-type magnetic decorative body including multiple magnetic decorative sheet units, which are interconnected to form an elongated magnetic decorative strap. Each magnetic decorative sheet unit is a soft magnetic thin sheet body with a predetermined configuration. At least one face of the magnetic decorative sheet unit is magnetically attractive. A connecting section

with weakened structural strength is connected between each two adjacent magnetic decorative sheet units. An external force is applicable to one of the connecting sections to easily fold or split apart the magnetic decorative strap along the connecting section, whereby the magnetic decorative strap can be easily divided into segments with desired lengths for separate use.

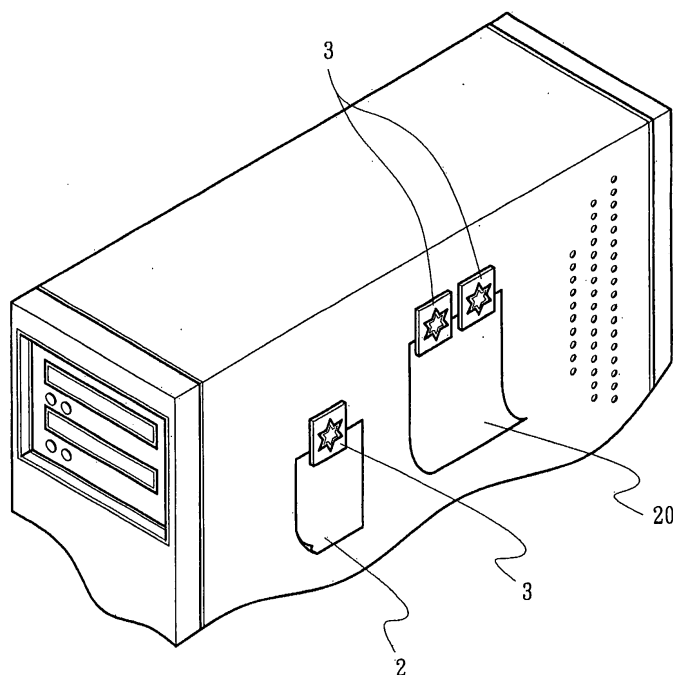


Fig. 1

Description

BACKGROUND OF THE INVENTION

[0001] The present invention is related to a thin tape-type magnetic decorative body, and more particularly to a magnetic decorative strap, which is widely applicable to various fields. The magnetic decorative strap is composed of multiple magnetic decorative sheet units. A weakened connecting section is connected between each two adjacent magnetic decorative sheet units. Each magnetic decorative sheet unit is formed with a predetermined configuration. The magnetic decorative strap can be easily split apart along one of the connecting sections into segments with desired lengths.

[0002] Fig. 1 shows a conventional magnetic plate 3 for attaching paper sheet to a surface of a magnetically attractable material (such as steel or iron). The magnetic plate 3 is a flat sheet. At least one face of the magnetic plate 3 is magnetically attractive for attracting a magnetically attractable surface such as a surface of a computer iron housing as shown in Fig. 1. As necessary, the other face of the magnetic plate 3 is formed with decorative lines, stripes or figures to beautify the appearance of the magnetic plate 3. Such magnetic plate 3 has limited area and is thus only applicable to small-area sheet 2 to hold the same. In the case of a large-area sheet 20, several magnetic plates 3 are needed for pressing the respective corners of the sheet 20 against the surface. This is inconvenient and the application range of the magnetic plate 3 is limited.

[0003] Fig. 2 shows a conventional elongated magnetic press bar 30 for holding a large-area sheet 20. One face of the elongated magnetic press bar 30 is magnetically attractive. Such elongated magnetic press bar 30 is hard and has a considerable volume. In the case such elongated magnetic press bar 30 is used to attach a small-area sheet 2 to a surface, the appearance will be inharmonic and the material is waste. Moreover, such elongated magnetic press bar 30 is too rigid to flex. As a result, such elongated magnetic press bar 30 can be hardly applied to a narrow place or an angled surface such as a corner.

[0004] The aforesaid conventional magnetic plate 3 and magnetic press bar 30 have different configurations, that is, the former is a small-area plate body, while the latter is an elongated bar body. Therefore, the magnetic plate 3 and magnetic press bar 30 are respectively applicable to different sites without possibility of alternative use. Furthermore, the magnetic plate 3 and magnetic press bar 30 both are inflexible so that it is inconvenient to store or carry them. This seriously affects product competitive ability in the market and increases use cost of a consumer.

SUMMARY OF THE INVENTION

[0005] It is therefore a primary object of the present

invention to provide a thin tape-type magnetic decorative body, which is widely applicable to various fields. Preferably, the thin tape-type magnetic decorative body is an elongated flexible magnetic decorative strap. The magnetic decorative strap is composed of multiple interconnected magnetic decorative sheet units. The magnetic decorative strap can be easily folded or split apart into multiple magnetic decorative sheet units or different lengths of segments each having several magnetic decorative sheet units for separate and convenient use. The thin tape-type magnetic decorative body has enhanced product competitive ability and can be used at lower cost.

[0006] It is a further object of the present invention to provide the above thin tape-type magnetic decorative body, in which the magnetic decorative sheet units of the magnetic decorative strap can be respectively configured as recurring series of characters, animals, plants and things of a certain folktale or story, for example, Snow White and the Seven Dwarfs. Accordingly, the magnetic decorative strap can be versatily applied to various fields.

[0007] It is still a further object of the present invention to provide the above thin tape-type magnetic decorative body, in which a large number of magnetic decorative sheet units can be serially connected to form a long magnetic decorative strap. The long magnetic decorative strap can be wound into a roll to facilitate storage and transfer.

[0008] According to the above objects, the thin tape-type magnetic decorative body of the present invention includes multiple magnetic decorative sheet units, which are interconnected to form a magnetic decorative strap. Each magnetic decorative sheet unit is a soft magnetic thin sheet body with a predetermined configuration. At least one face of the magnetic decorative sheet unit is magnetically attractive. A connecting section with weakened structural strength is connected between each two adjacent magnetic decorative sheet units. An external force is applicable to one of the connecting sections to easily split apart the magnetic decorative strap along the connecting section. Accordingly, the magnetic decorative strap can be easily divided into segments for separate use.

[0009] The present invention can be best understood through the following description and accompanying drawings wherein:

BRIEF DESCRIPTION OF THE DRAWINGS

[0010]

Fig. 1 is a perspective view showing the application of a conventional magnetic decorative body;

Fig. 2 is a perspective view showing the application of a conventional magnetic decorative strap;

Fig. 3 is a view of the thin tape-type magnetic dec-

orative body of the present invention in the form of an elongated strap;

Fig. 3A is an enlarged view of circled area of Fig. 3;

Fig. 4 is a perspective view showing the application of the thin tape-type magnetic decorative body of the present invention in the form of an elongated strap;

Fig. 5 is a view showing that the elongated strap is split into sheets;

Fig. 6 is a perspective view showing the application of the thin tape-type magnetic decorative body of the present invention in the form of a sheet;

Fig. 7 is a perspective view showing that the thin tape-type magnetic decorative body of the present invention is folded to clip and hang a clippable material in one state; and

Fig. 8 is a perspective view showing that the thin tape-type magnetic decorative body of the present invention is folded to clip and hang a clippable material in another state.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

[0011] Please refer to Figs. 3 and 4. The thin tape-type magnetic decorative body of the present invention includes multiple magnetic decorative sheet units 1. The magnetic decorative sheet units 1 are interconnected to form a magnetic decorative strap 10. Each magnetic decorative sheet unit 1 is a soft magnetic thin sheet body with a specific configuration. At least one face of the magnetic decorative sheet unit 1 is magnetically attractive. In addition, as necessary, the face of the magnetic decorative sheet unit 1 can be formed with decorative lines 12, dense parallel functional stripes 13 or decorative perforations 14. The decorative lines 12 and functional stripes 13 can be series of eyelets, dots, dents, non-penetrating embossed stripes or facial recessed/projecting structures. By means of the decorative lines 12 and functional stripes 13, the magnetic decorative sheet unit 1 can have versatile configuration and desired flexibility. Moreover, the face of the magnetic decorative strap 10 can be additionally coated with a coating as necessary. The coating can be made of paper, OPP, PVC, PP, PET or the like material. Alternatively, the face of the magnetic decorative sheet unit 1 can be directly painted or printed with different colors of inks or paints.

[0012] A connecting section 11 is connected between each two adjacent magnetic decorative sheet units 1. Each connecting section 11 has a narrowed width or thinned thickness to weaken the structural strength of the connecting section 11. Moreover, the connecting section 11 can be formed with embossed stripes, recessed

marks, dense eyelets, dots, non-penetrating dents to serve as a tear line.

[0013] In use, the magnetic decorative strap 10 can be applied to one side of a large-area sheet 20 to hold and attach the sheet 20 to a surface of an article by means of magnetic attraction. Alternatively, the magnetic decorative strap 10 can be split into several segments of magnetic decorative sheet units 1 for respectively holding and attaching several small-area sheets 2 to a surface of an article in a tidy state. Still alternatively, a certain length of magnetic decorative strap 10 can be looped with two end sections of the magnetic decorative strap 10 adhered to each other to form a loop for different application.

[0014] The magnetic decorative sheet units 1 of the magnetic decorative strap 10 can have identical appearances and shapes. Alternatively, the magnetic decorative sheet units 1 of the magnetic decorative strap 10 can be respectively configured as recurring series of characters, animals, plants and things of a certain folktale or story, for example, Snow White and the Seven Dwarfs. Accordingly, the magnetic decorative strap 10 can be versatily applied to various fields without limitation. In manufacturing, a large number of magnetic decorative sheet units 1 can be interconnected to form a very long magnetic decorative strap 10. Such magnetic decorative strap 10 can be wound into a roll to facilitate storage and transfer.

[0015] Referring to Figs. 5 and 6, the magnetic decorative strap 10 is thin and formed with facial functional stripes 13. Therefore, the magnetic decorative strap 10 has excellent flexibility and can uninterruptedly magnetically attract an angled surface (such as a corner of a computer housing) as a decoration. In the case a shorter length of magnetic decorative strap 10 or one single magnetic decorative sheet unit 1 is needed, an external force can be applied to a connecting section 11 connected between two adjacent magnetic decorative sheet units 1 to split apart a longer magnetic decorative strap 10 along the connecting section 11. Under such circumstance, a fissure 101 is formed between the magnetic decorative sheet units 1 and the longer magnetic decorative strap 10 is divided into segments with desired lengths for separate and convenient use.

[0016] Figs. 7 and 8 show that the magnetic decorative sheet units 1 of the magnetic decorative strap 10 is be used to clip and hang a clippable material 2. In application, two magnetic decorative sheet units 1 can be folded toward each other along the connecting section 11 connected therebetween. Accordingly, the two magnetic decorative sheet units 1 can attract each other to clip a small-area sheet 2 (or a lighter clippable material). A hanging hook 4 (or the like hanging member) can pass between the magnetic decorative sheet units 1 along the connecting section 11 to hang the sheet 2. In the case of a large-area sheet 20 (or a heavier clippable material), a greater attraction is needed. Under such circumstance, according to the weight of the clippable material, a longer magnetic decorative strap 10 can be folded along a con-

necting section 11 into two layers each having multiple magnetic decorative sheet units 1. The two layers attract each other by greater attraction so as to clip the clippable material with greater clipping force. A hanging hook 4 (or the like hanging member) can pass between the two layers along the connecting section 11 to hang the heavier large-area sheet 20.

[0017] In conclusion, the thin tape-type magnetic decorative body of the present invention can be one single magnetic decorative sheet unit or an elongated magnetic decorative strap composed of multiple magnetic decorative sheet units. The length of the magnetic decorative strap is variable with the number of the magnetic decorative sheet units. The thin tape-type magnetic decorative body is soft and flexible and is widely applicable to various fields with high competitive ability.

[0018] The above embodiments are only used to illustrate the present invention, not intended to limit the scope thereof. Many modifications of the above embodiments can be made without departing from the spirit of the present invention.

Claims

1. A thin tape-type magnetic decorative body comprising multiple magnetic decorative sheet units, the magnetic decorative sheet units being interconnected to form a magnetic decorative strap, each magnetic decorative sheet unit being a soft magnetic thin sheet body with a predetermined configuration, at least one face of the magnetic decorative sheet unit being magnetically attractive, a connecting section with weakened structural strength being connected between each two adjacent magnetic decorative sheet units, an external force being applicable to one of the connecting sections to easily split apart the magnetic decorative strap into segments along the connecting section.
2. The thin tape-type magnetic decorative body as claimed in claim 1, wherein the magnetic decorative sheet units have identical appearances and configurations.
3. The thin tape-type magnetic decorative body as claimed in claim 1, wherein the magnetic decorative sheet units have different appearances and configurations.
4. The thin tape-type magnetic decorative body as claimed in claim 1, wherein each connecting section is narrower than other parts of the said magnetic decorative strap.
5. The thin tape-type magnetic decorative body as claimed in claim 1, wherein each connecting section is thinner than other parts of the said magnetic dec-

orative strap.

6. The thin tape-type magnetic decorative body as claimed in any claims of claim 1 to 5, wherein each connecting section is formed with tear line.
7. The thin tape-type magnetic decorative body as claimed in any claims of claim 1 to 6, wherein the face of the magnetic decorative sheet unit is formed with functional stripes.
8. The thin tape-type magnetic decorative body as claimed in claim 6, wherein the tear line is formed of embossed stripes, recessed marks, perforations, eyelets, dots, non-penetrating dents or facial recessed/projecting structures.
9. The thin tape-type magnetic decorative body as claimed in claim 7, wherein each functional stripe is formed of embossed stripes, recessed marks, perforations, eyelets, dots, non-penetrating dents or facial recessed/projecting structures.
10. The thin tape-type magnetic decorative body as claimed in any claims of claim 1 to 9, wherein the face of the magnetic decorative sheet unit is formed with decorative stripes.
11. The thin tape-type magnetic decorative body as claimed in any claims of claim 1 to 10, wherein the face of the magnetic decorative sheet unit is formed with decorative perforations.
12. The thin tape-type magnetic decorative body as claimed in claims of claim 1 to 11, wherein the face of the magnetic decorative sheet unit is coated with a coating.

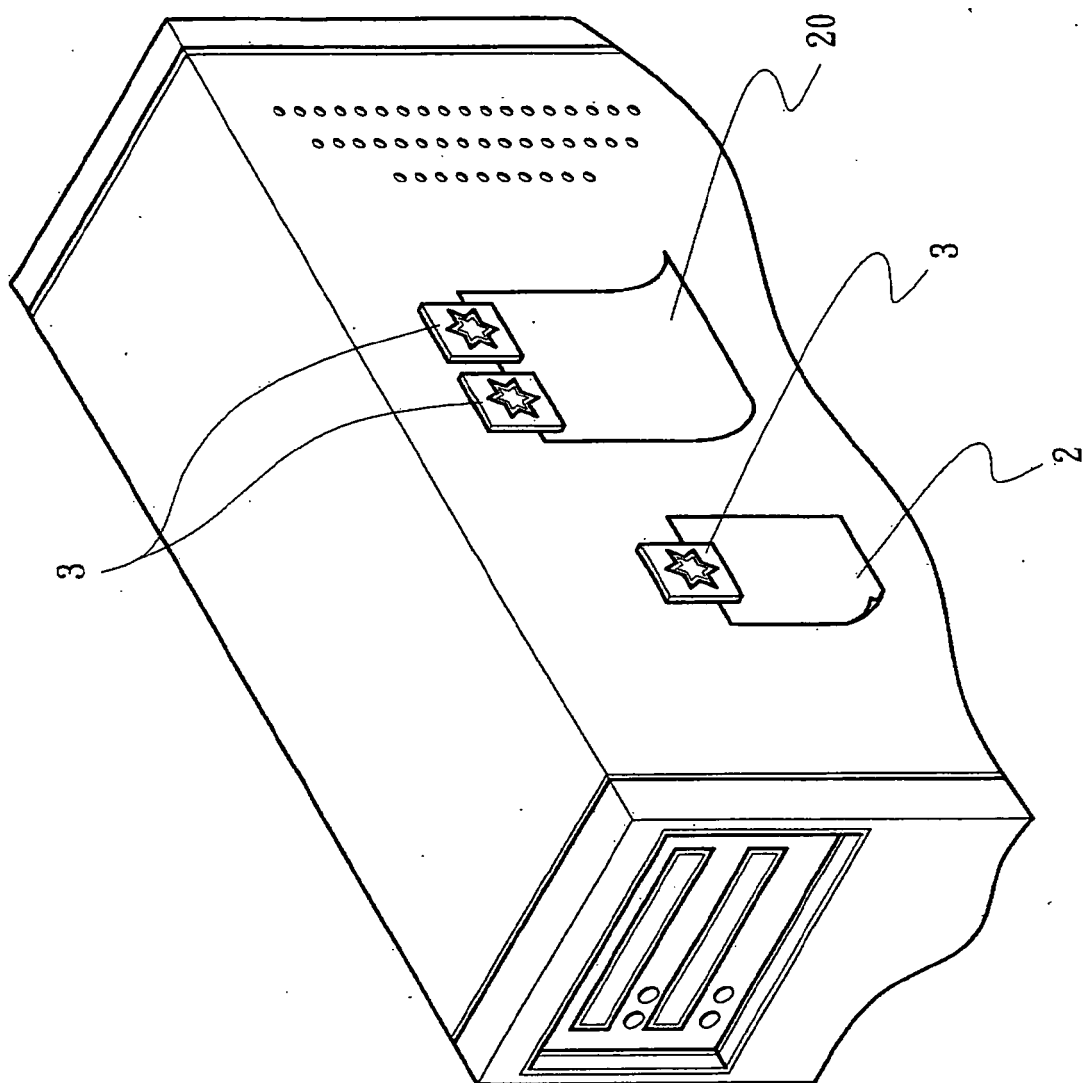


Fig. 1

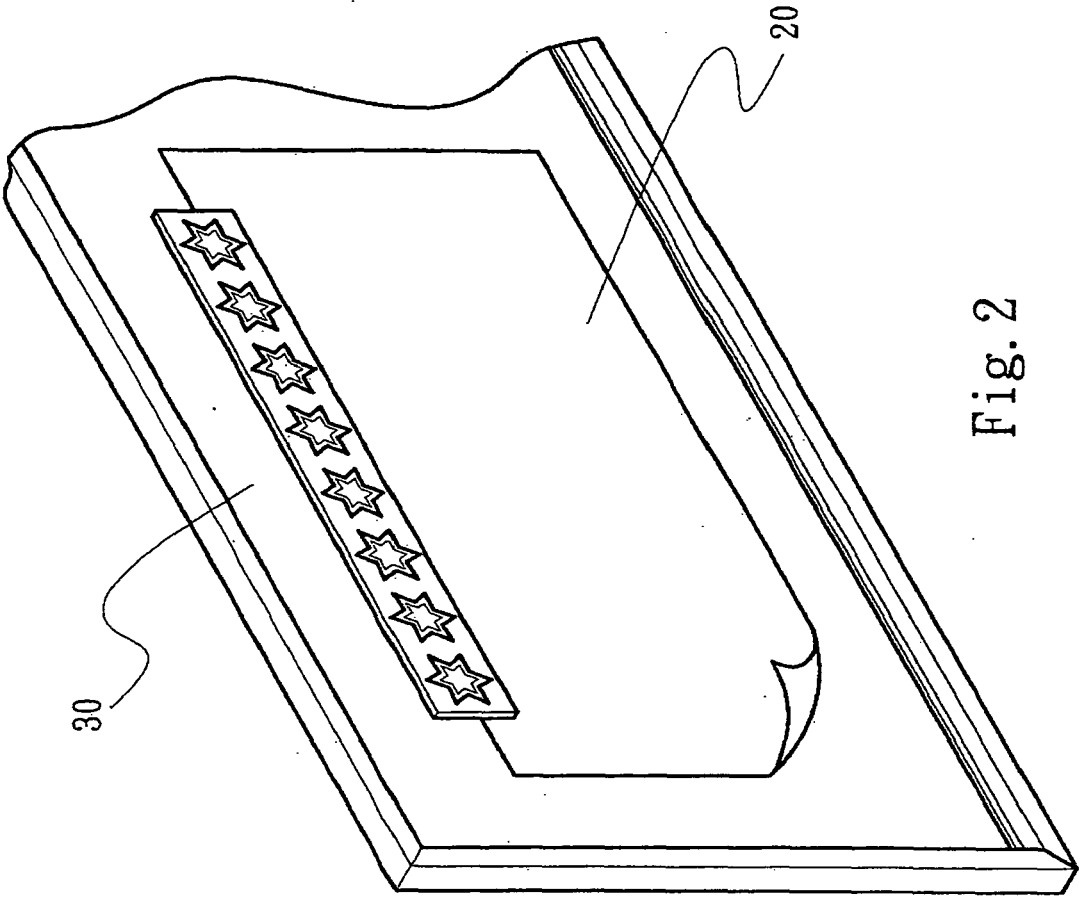
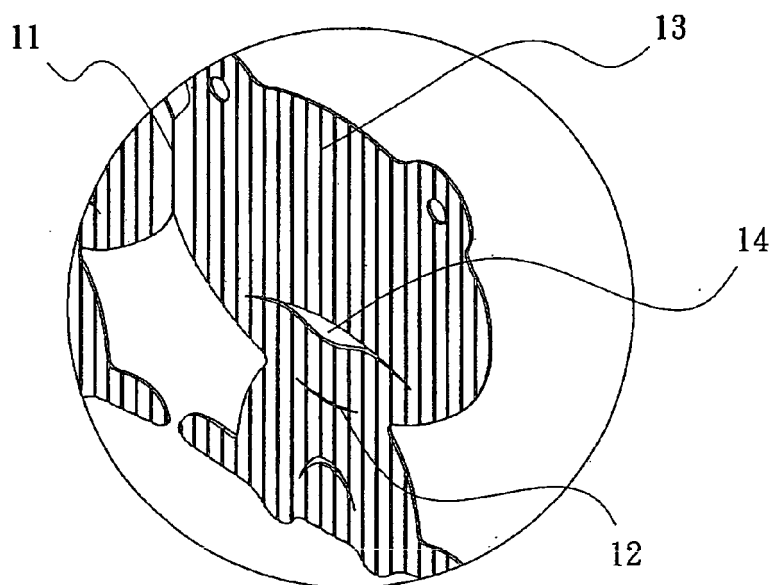
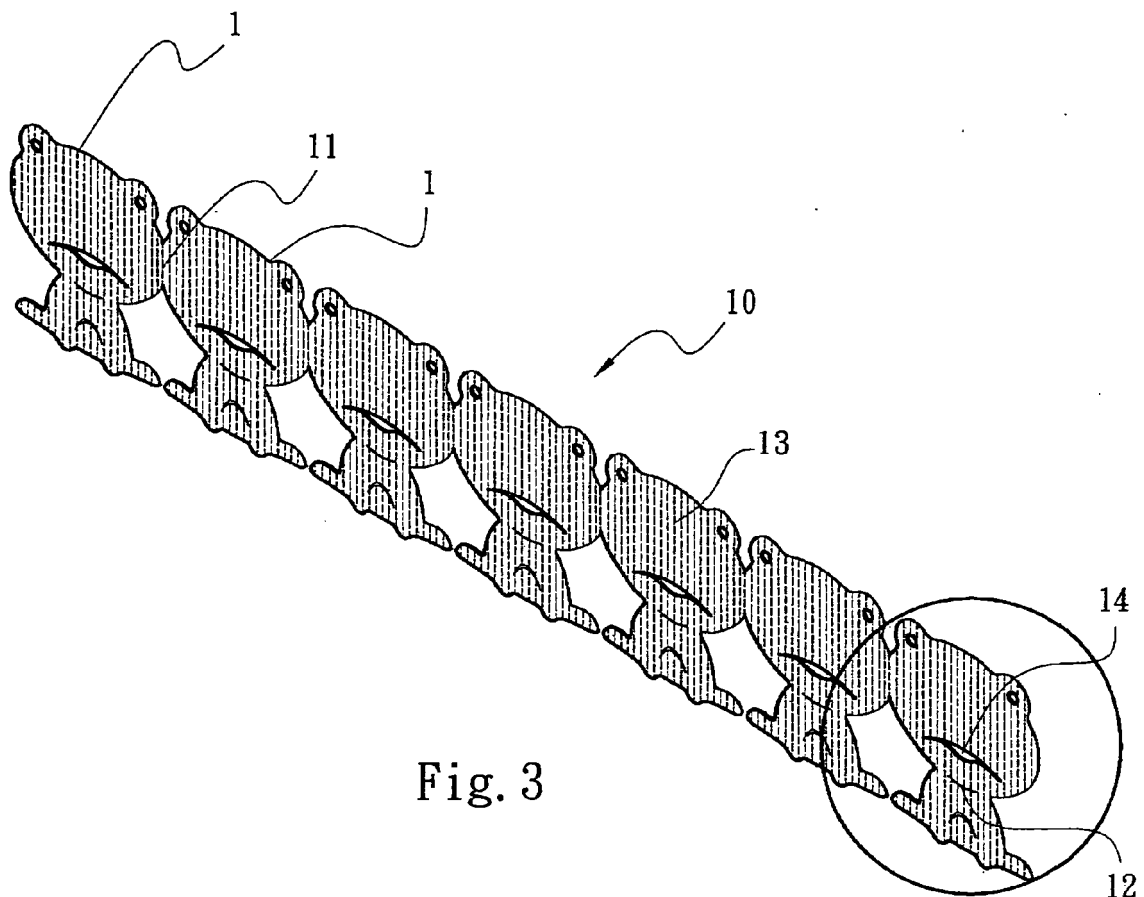


Fig. 2



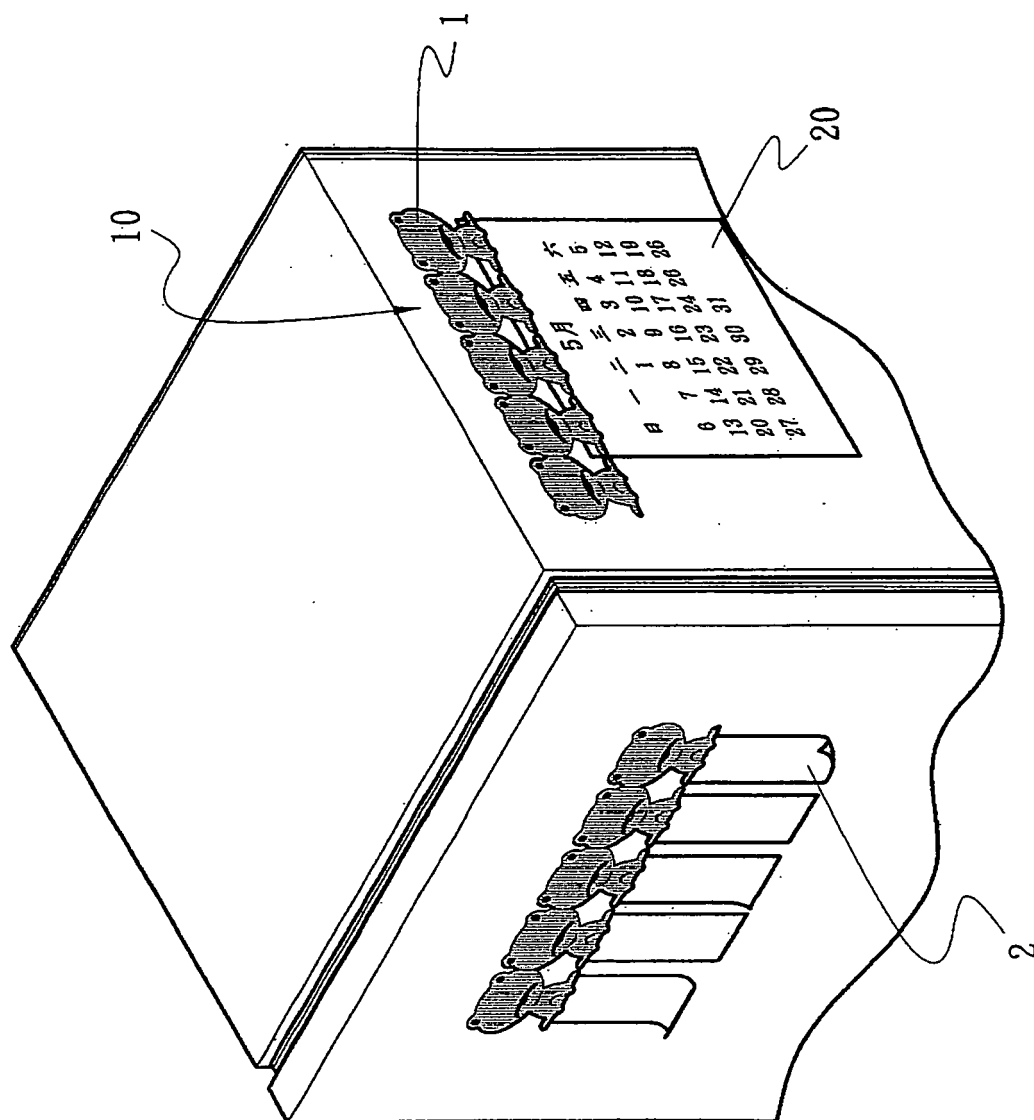


Fig. 4

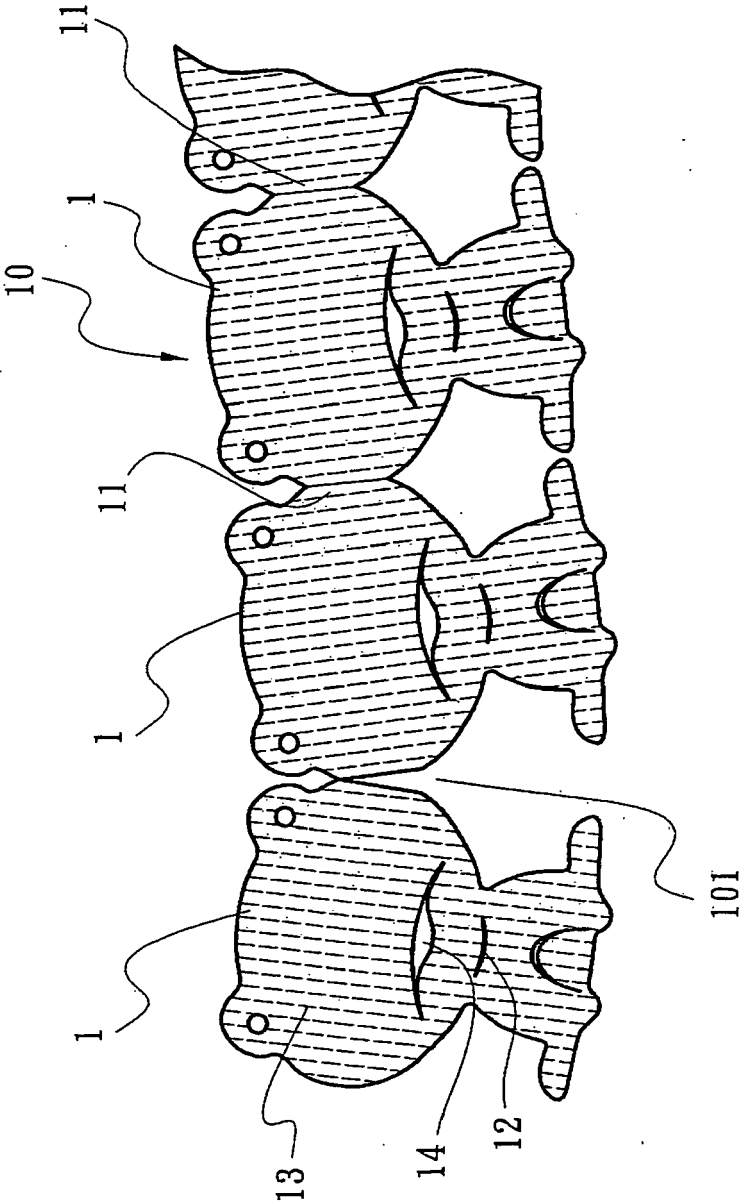


Fig. 5

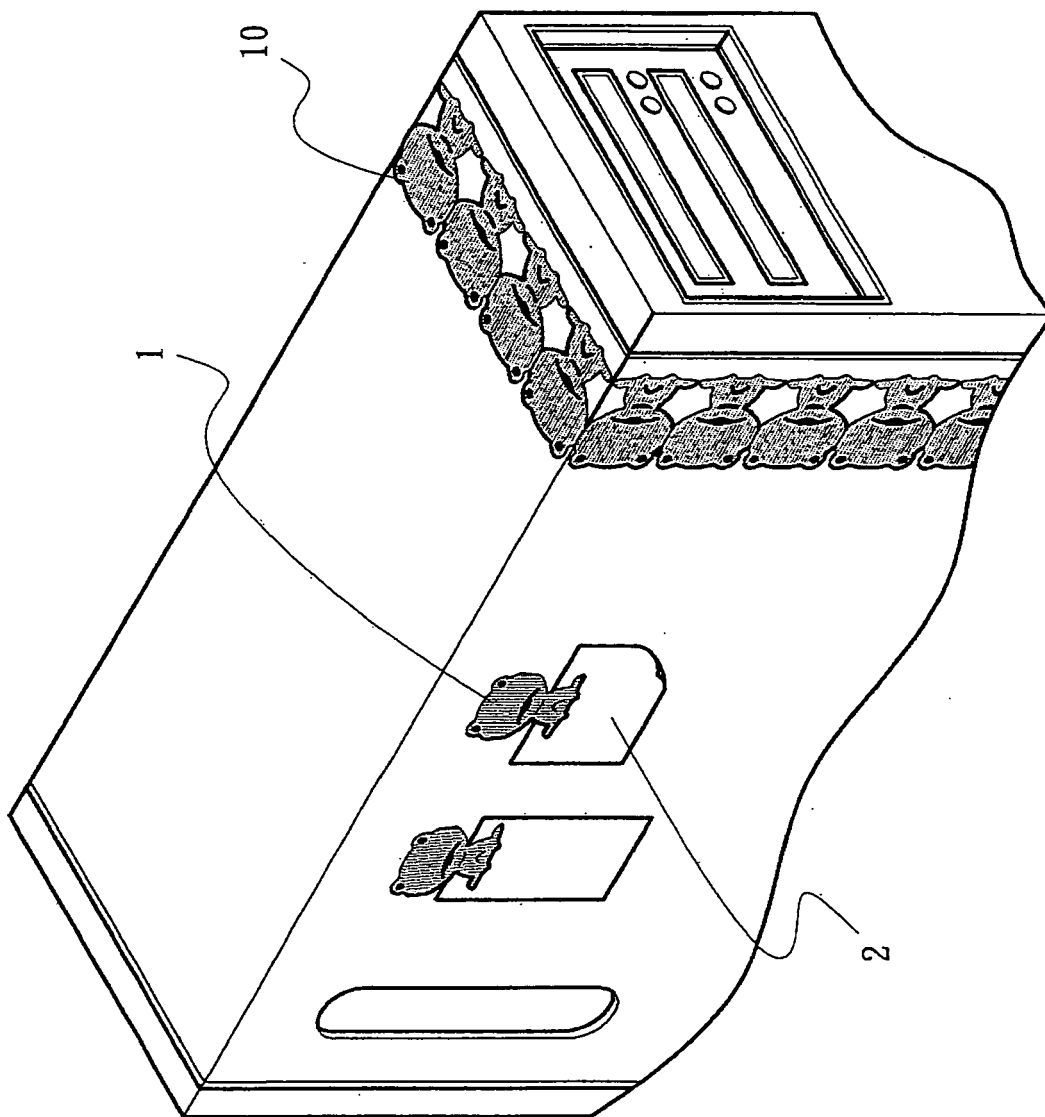


Fig. 6

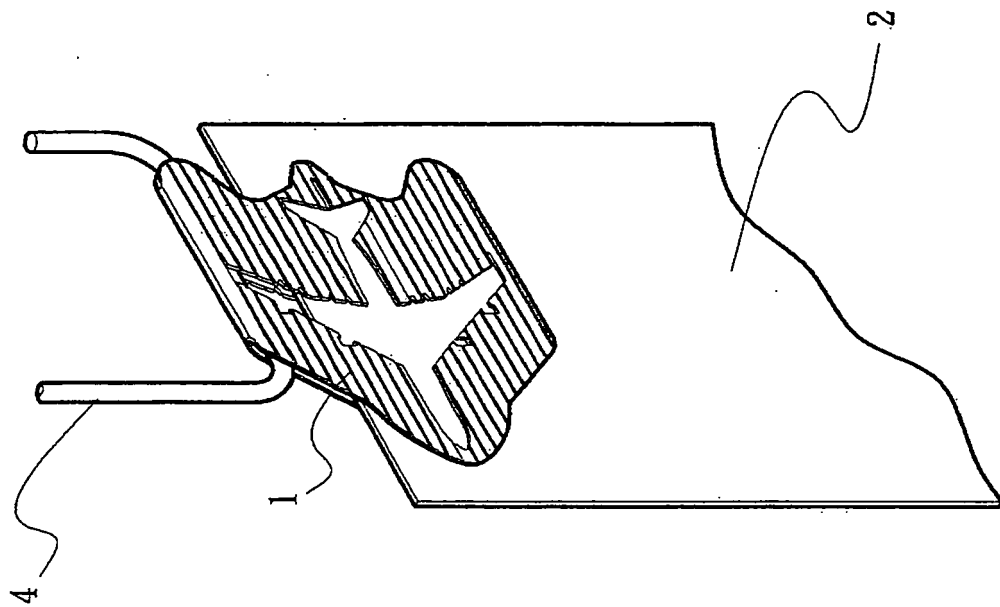


Fig. 7

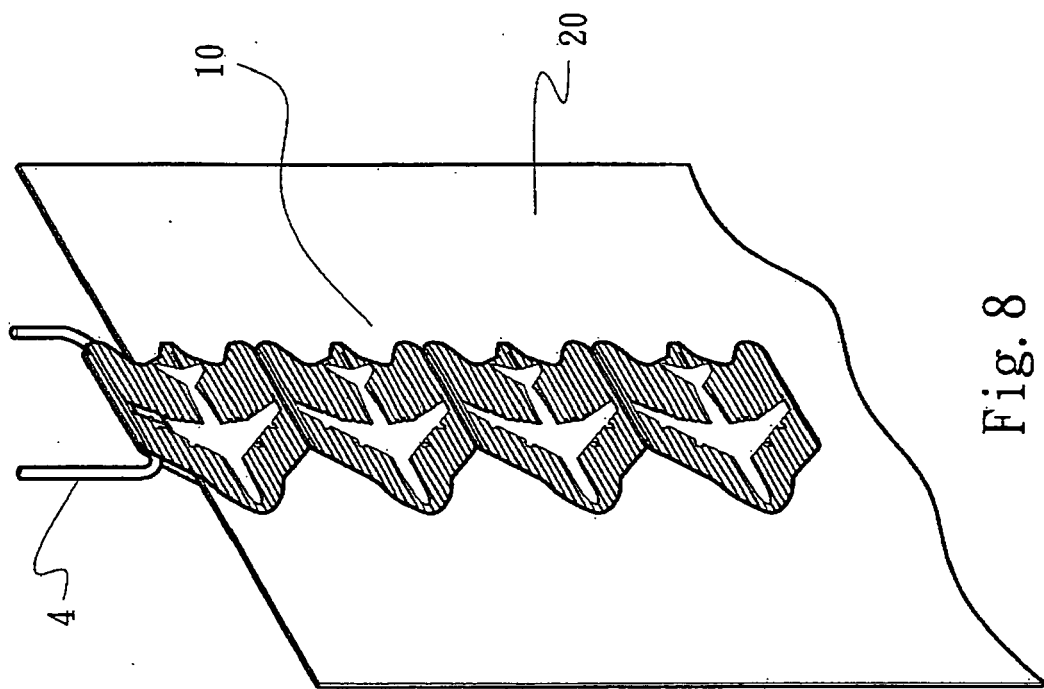


Fig. 8