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(54) Double label with suspension attachment

(57) The label of the type comprising an elongate structure with a region of greater width intended to receive inscriptions is characterised in that its main elongate body which exhibits two straight, parallel main sides has an enlargement on one of the main sides in the form of a wing having a length similar to that of the main body, which is connected thereto by an attenuated line coinciding with one of the larger sides of the main body to allow it to be folded, the enlarged region having, both at its upper edge and at its lower edge, pairs of inclined asymmetric straight sides in an equal arrangement, defining respective recesses on each side of the label in which there is defined the lateral body and enlargement of an adjacent label integral with another strip of labels.

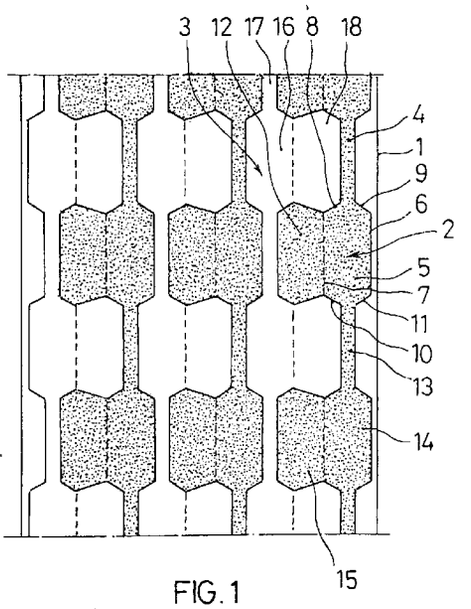

FIG. 1

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Description

The invention relates to a double label with a suspension attachment having characteristics of novelty and inventive step relative to currently known labels.

The double label with a suspension attachment forming the subject of the present invention is intended in particular for application to bags for fruits and vegetables and the like on which it is normal to arrange labels in the form of narrow bands or strips which are connected to the bag closure region, preferably during closure of the neck of the bag by a weld or by a clasp, which bags are usually produced from a mesh of synthetic material.

Currently known labels of this type suffer mainly from the defect that the region intended to receive graphic inscriptions such as brand, instructions for use and the like has a reduced surface so said graphic or literary part is not sufficient to convey messages which the packager often wishes to transmit to the user. The label forming the subject of the present invention is intended to overcome this drawback by providing means which give the label a much larger space, substantially twice the space normally provided in known labels, so as to solve the aforementioned problem and to further boost the image of the label and therefore of the bag to which it is applied. In fact, the possibility of having a larger area for writing the graphic information, brand, instructions, etc., allows the packager to amplify the message transmitted to the user but also enhances the appearance since the label of double width is folded longitudinally so it assumes the structure of a small book which is easier for the user to open in order to read the content and which also boosts the image.

The label forming the subject of the present invention likewise affords the possibility of using the enlargement of the label as a coupon for prize draws or collections as it can be separated from the main body by the attenuated line and, in such cases, will in turn bear a pre-cut to facilitate separation thereof.

The label forming the subject of the present invention is of the type which comprises an elongate element with straight parallel main sides and preferably straight ends at an angle, a stem of smaller section and with straight parallel sides intended for the subsequent suspension of the label extending at one end. To obtain a larger area for the printing of graphic designs, the label forming the subject of the present invention has a wing which extends one of its main sides and has a similar elongate structure with a main side parallel to the two main sides of the body of the label and end sides which form a certain angle and which characteristically have an asymmetric shape so the side adjacent to the label has a considerably greater length than the other side of the end of the wing or enlargement. The length of said side will preferably be greater than twice that of the adjacent smaller side.

The connection region between the main body of the label and the wing for lateral enlargement thereof will be formed by an score line which will enable the label to be folded and to adopt the characteristic form of a small book.

The asymmetric design of the ends of the wing extending the main body of the label allows economic arrangement of two successive strips of labels during the manufacture thereof from a main laminar band from which multiple rows of individual labels can be separated by stamping.

To assist understanding, some drawings of a double label with suspension attachment designed according to the present patent are attached as non-limiting examples.

Figure 1 is a schematic plan view of a laminar band of blank from which several rows of labels are obtained for subsequent individual cutting.

Figures 2 and 3 are a respective front view and side view of a label according to the invention in the folded position.

Figure 4 is a view from the lower part of the label in figures 2 and 3.

Figures 5 and 6 are respective elevations of a label designed in accordance with the present invention, viewed from its two opposing faces.

Figure 7 is a perspective view showing the normal form of supply of the labels forming a strip rolled on a core or reel.

Figure 8 is a perspective view of the application of the label to a bag intended to contain fruits, vegetables and the like.

Figure 1 shows a laminar band 1 from which multiple strips of labels as indicated by reference numerals 2 and 3 are delimited by stamping, preferably after the printing operations, the first strip being shown by stippled areas and the second by completely plain areas. The strips of labels are defined by a succession of very narrow elongate regions 4 which are intended to form the stem for suspension of the label and a main body region 5 which has straight, parallel main sides of greater length 6 and 7 and which, at the ends, have respective pairs of inclined sides such as 8 and 9 on one of the sides and 10 and 11 on the opposing side. The main body 5 of the label has an enlargement 12 which has the structure of an elongate body with dimensions similar to those of the main body 5, the elements being connected to one another by an attenuated line which allows one element to be articulated to another, this attenuated line coinciding with the side 7 shown in figure 1. A row of labels will consist of multiple, successively connected labels such as, for example, the label which has the narrowing or stem 13 and body 14 provided with the lateral enlargement 15 and many more successive ones which will be integrated in a complete row. Other rows of labels similar to the one described are separated from the band 1 by stamping, as shown successively in plain and stippled form. The main body 16 and the upper stem 17 as well as the lateral enlarge-

ment 18 can be seen in the labels shown in plain form.

As can be seen in greater detail in figures 5 and 6 which show respective front and rear views of a double label 19, the upper sides of the enlargement 20 of the main body 21 are provided with straight and inclined sides like the ones indicated by reference numerals 22 and 23 on the upper part of the enlargement 20 and by reference numerals 24 and 25 on the lower part. A characteristic of the labels forming the subject of the present invention is that one of the end sides, for example, the sides 23 and 25, have a length far greater than the other side of the same end, such as the sides 22 and 24. The sides 22, 27 and 28 are equal and are in turn equal to the corresponding sides of the lower part. The side 23 with dimension $\overline{CB}$ is equal to the dimension $\overline{BA}$, and to its corresponding lower dimensions so $\overline{CB} = \overline{BA} = \overline{C'B'} = \overline{B'A'}$. The sides 29 are equal to the sides 30 which in turn are equal to the sides 32 and 33 so they can be coupled in this way. This constitution allows maximum benefit to be drawn from the material of the laminar strip 1 from which the labels are manufactured and similarly allows the manufactured strips of labels duly to fulfil the functions of articulation and coverage of the label.

In the illustrated embodiment, the surfaces of one side of the label and its enlargement such as the surfaces 20 and 21 indicated in figure 5, as well as the surfaces of the opposing face indicated by reference numerals 20' and 21' in figure 6 are in a position to receive literary inscriptions for instructions, advertising, trade marks and the like, thus significantly increasing the useful surface area for said purpose. The common side between the regions 20 and 21 indicated in figures 5 and 6 by reference numeral 26 is formed by an attenuated line which allows the enlarged region to be folded over the main body, as shown in the labels in figures 7 and 8 which will be described hereinafter.

The set of labels, once printed and stamped, will have a structure of the type shown in figure 7 in which a long strip of labels 34, 34', 34"... will be connected by their stems 35, 35'... forming a roll 36 which is mounted on a reel or the like 31, allowing easy storage and dispatch of the labels for use by successive cutting. The labels illustrated in figure 7 are in the folded position which will be the position of use on the bag or container on which they will be used.

Figure 8 shows an example of use, illustrating a bag for fruits, vegetables or the like 37 equipped with a lower closure 38 and an upper closure 39 by welding, clasping, etc., exhibiting a double label 40 according to the invention, folded and fixed by its stem 41 to the upper closure 39.

Claims

1. Double label with suspension attachment of the type which comprises an elongate label with a region of greater width intended to receive inscriptions, characterised in that its main elongate body which exhibits two straight, parallel and equal main sides has an enlargement on one of the main sides in the form of a wing having a length similar to that of the main body, which is connected thereto by an attenuated line coinciding with one of the larger sides of the main body to allow it to be folded, the enlarged region having, both at its upper edge and at its lower edge, pairs of inclined asymmetric straight sides in an equal arrangement, defining respective recesses on each side of the label in which there is defined the lateral body and enlargement of an adjacent label integral with another strip of labels.

2. Double label with suspension attachment according to claim 1, characterised in that the larger sides of the lateral enlargements of the main body of the label extend directly from said main body of the label, the small sides being arranged remotely from said main body of the label.

3. Double label with suspension attachment according to claim 2, characterised in that the lengths of the larger sides of the enlargement are equal to one another and equal to the larger sides of the body of the label.

4. Double label with suspension attachment according to the preceding claims, characterised in that the larger sides of the ends of the lateral enlargement are equal to one another.

5. Double label with suspension attachment according to the preceding claims, characterised in that the larger sides of the suspension attachment of the label are equal to the larger sides of the label and to the larger sides of the enlargement thereof.

6. Double label with suspension attachment according to the preceding claims, characterised in that the smaller sides of the ends of the label and the larger sides of the lateral enlargement thereof are equal.

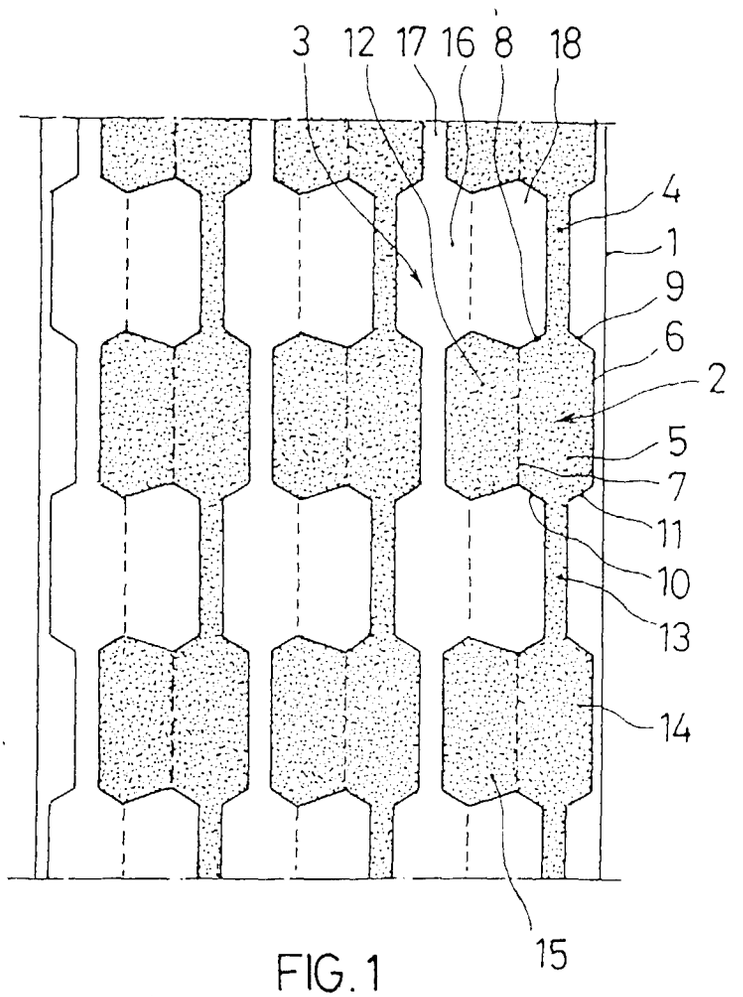


FIG. 1

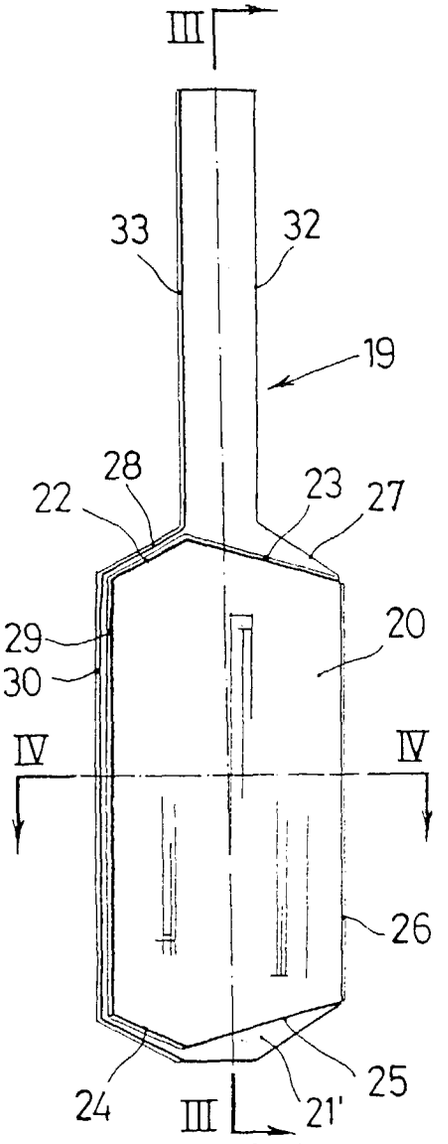


FIG. 2

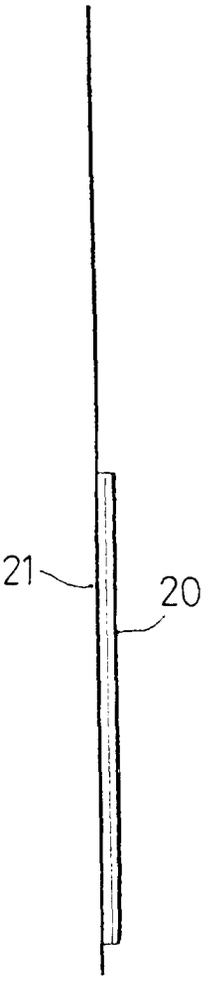


FIG. 3

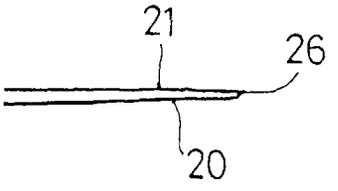
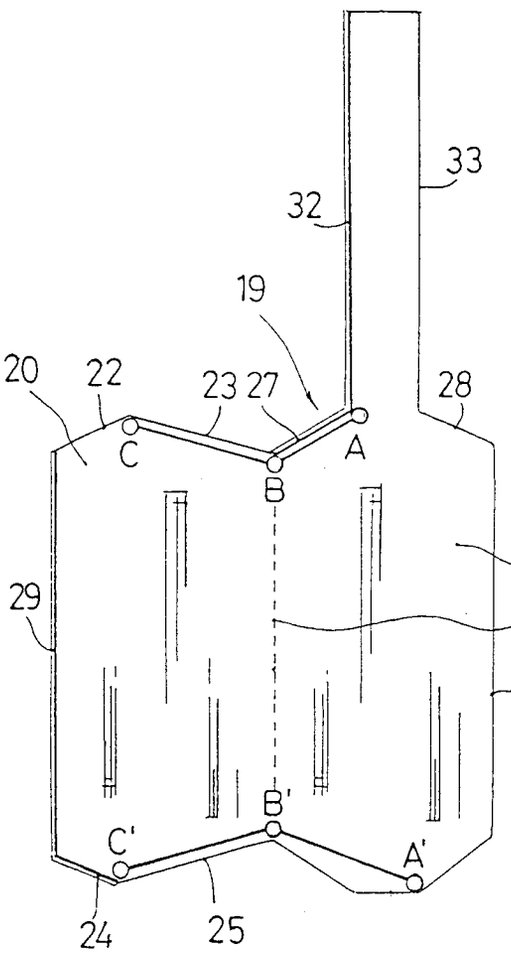


FIG. 4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B'
C'
A'
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FIG.5

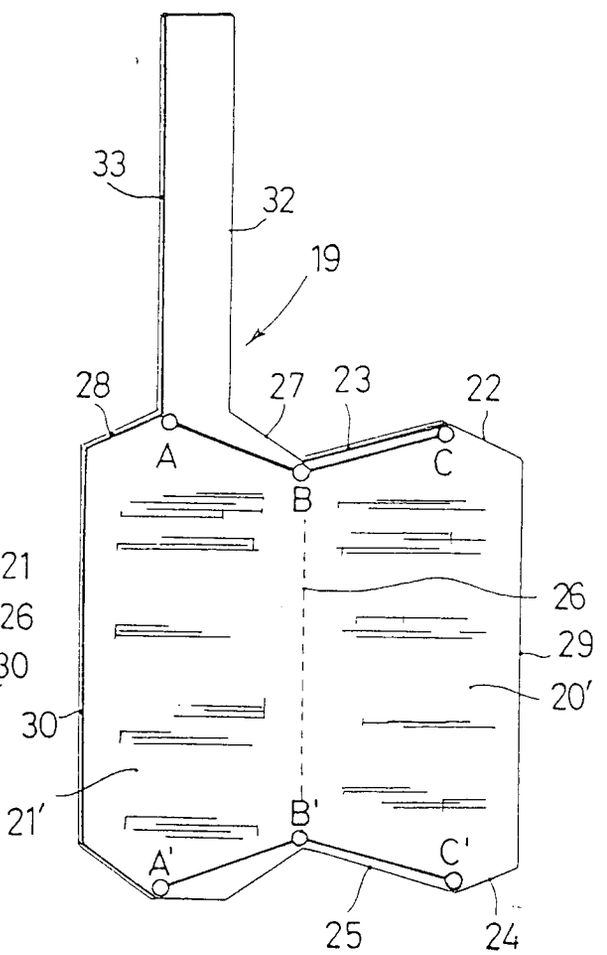
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FIG. 6

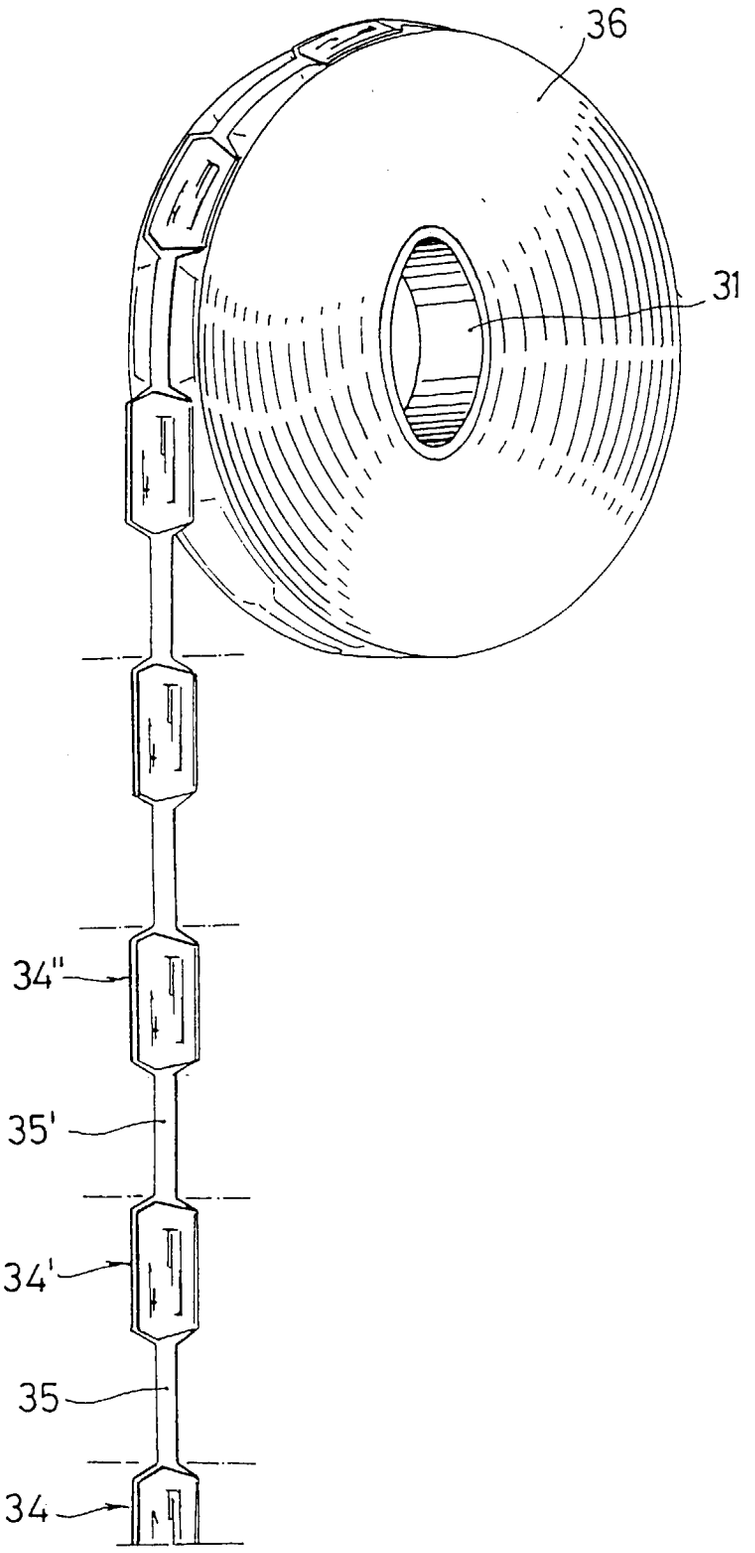

FIG.7

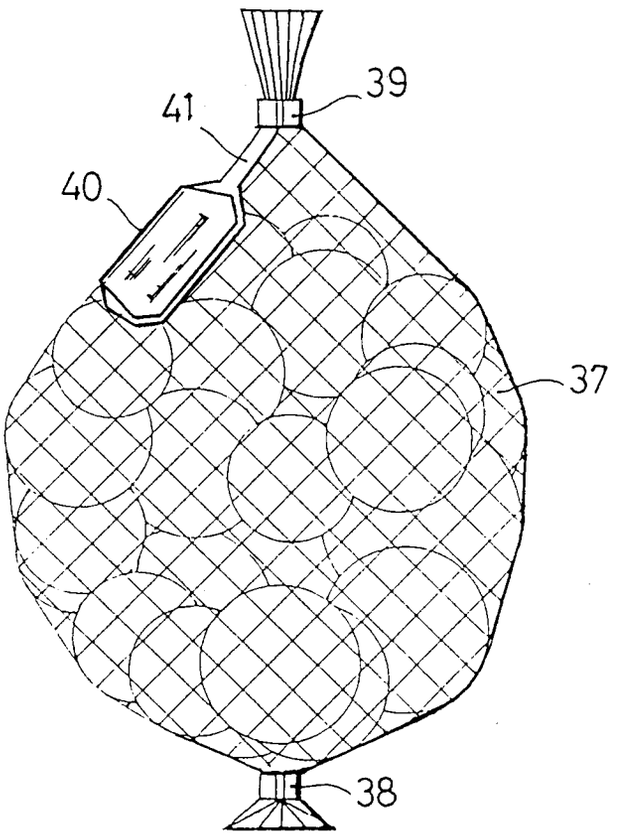

FIG. 8

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EUROPEAN SEARCH REPORT

Application Number
EP 97 50 0113

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	DE 80 25 172 U (MASCHINENBAU WAM OSTERHOF KG) * page 3, line 1 - line 11; figure *	1-5	G09F3/02
A	DE 42 11 373 C (FIRMA FERDINAND EISELE) 21 October 1993 * column 3, line 53 - column 4, line 11; figure 4 *	1-5	
A	FR 2 248 762 A (MASCHINENFABRIK SPANG & BRANDS) 16 May 1975 * page 2, line 1 - line 13; figures 1,2 *	1,4,5	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			G09F

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
BERLIN	6 May 1998	Taylor, P

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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