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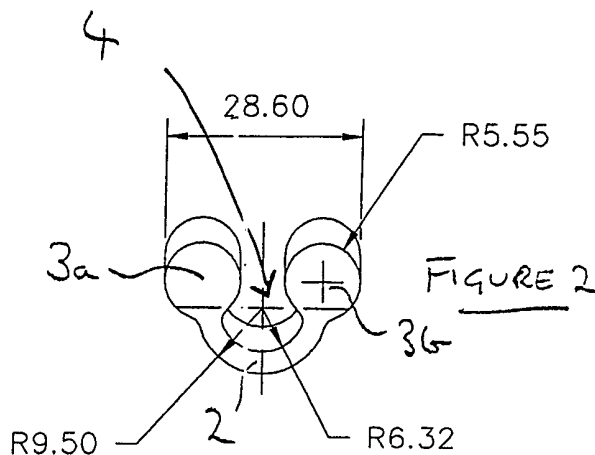
(52) UK CL (Edition K)  
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(56) Documents cited  
GB 2202135 A GB 2147200 A GB 0911948 A  
US 4932702 A

(58) Field of search  
UK CL (Edition K) A4G G3  
INT CL<sup>5</sup> A45F 5/10, B65D 33/06

(54) Handle

(57) A handle for supporting carrier bag handles comprises an elongate generally U-section member curved throughout its length to provide a more comfortable grip, the longitudinal edges of the "U" having enlarged portions 3A, 3B to prevent the device slipping off the handles of the carrier bag when these are placed in the groove 4.



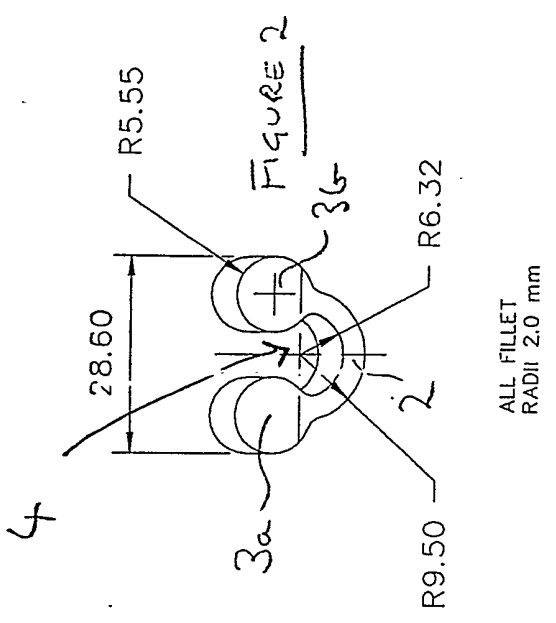
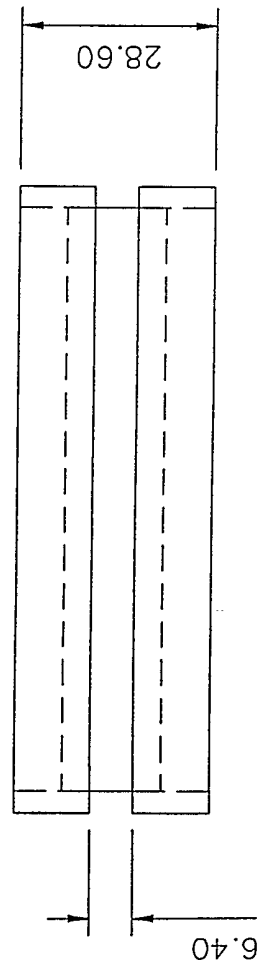
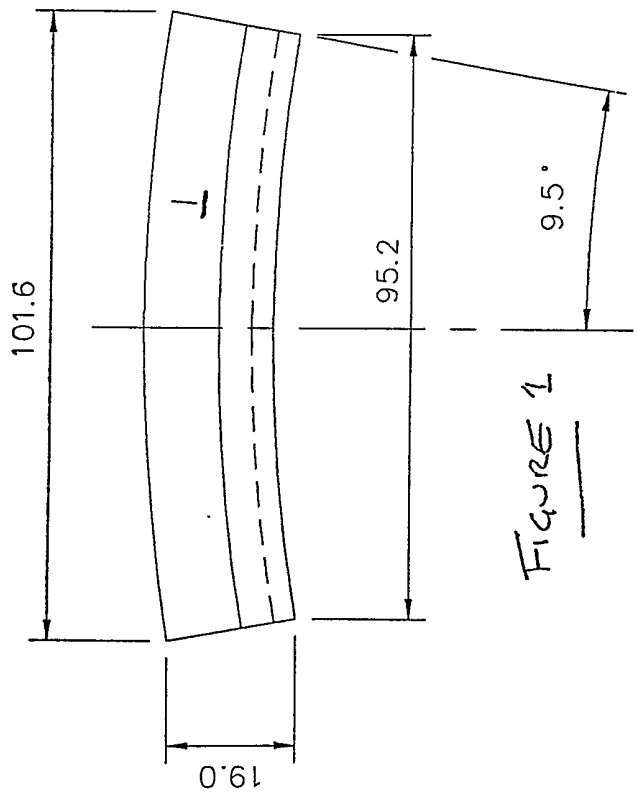
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At least one of these pages has been prepared from an original which was unsuitable for direct photoreproduction.

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NOTES  
ALL DIMENSIONS IN MM  
MATERIAL:

The present invention relates to a device for supporting carrier bag handles.

When carrying one or more carrier bags, particularly if they are heavy, the handles tends to cut into ones hands. The invention seeks to provide a device to support the carrier bag handles to make them more comfortable.

According to the present invention there is provided a device for supporting carrier bag handles comprising a curved length of material which is substantially U-shaped in cross-section along a major portion of its length. Preferably the two ends of the arms of the U-shaped material are enlarged, e.g into circular portions, when viewed in cross-section. The device may be formed from plastics or metal material and may be moulded or extruded.

The invention will now be described with reference to the accompanying drawings in which:

Figure 1 shows a side view of the device of the invention and Figure 2 shows an end view.

Referring to figures 1 and 2, the device of the invention comprises a length of material 1 which is curved. As seen in Figure 2, when viewed in cross-section, the material is U-shaped and the ends of each arm of the "U" 2 is enlarged into circular portion 3a,3b.

In use the handles of the plastic bags can be placed in the <sup>R</sup>goove 4 formed between each arm of the "U", and the device

placed in the hand with the fingers gripping the shorter arcuate portion of the curved device. The purpose of the enlarged portions 3a,3b is to prevent the device slipping through the handles of the carrier bag, if the bag, for example, is rested on the ground and the hand of the user temporarily removed. The device is curved to provide a more comfortable grip in the hand, and to spread the load more evenly over the carrier bag handle.

The device of the invention may be made moulded out of plastics or metal material, or plastics or metal material with the U-shaped cross section continuously extruded, and lengths cut off to form the device of the invention. The curve may be created in the extrusion process or created, e.g. by heat and/or a press, after each length is cut. If made out of plastics, a soft plastic with some elasticity may be used to make the device still more comfortable in the hand.

Further modifications will be apparent to those skilled in the art without departing from the scope of the present invention.

CLAIMS

1.

A HANDLE WHICH IS A DEVICE DESIGNED TO ELIMINATE DISCOMFORT TO THE HANDS OF ANYONE CARRYING CARRIER BAGS, PARTICULARLY IF THEY ARE HEAVY.  
CURVED THROUGHOUT ITS LENGTH TO PROVIDE COMFORT TO THE HAND OF THE USER.  
ENLARGED PORTIONS THROUGHOUT THE LENGTH OF THE DEVICE TO PREVENT THE DEVICE SLIPPING OFF THE CARRIER BAG HANDLES.

2.

A HANDLE AS CLAIMED IN CLAIM 1. WHEREIN THE CURVE PROVIDES COMFORT TO THE HAND.

3.

A HANDLE AS CLAIMED IN CLAIM 1. OR CLAIM 2. WHEREIN ENLARGED PORTIONS THROUGHOUT THE LENGTH OF THE HANDLE PREVENT THE HANDLE SLIPPING OFF THE CARRIER BAGS.

**Patents Act 1977**  
**Examiner's report to the Comptroller under**  
**Section 17 (The Search Report)**

Application number

9107394.0

**Relevant Technical fields**

(i) UK CI (Edition K ) A4G (G3)

(ii) Int CI (Edition 5 ) A45F 5/10 B65D 33/06

**Search Examiner**

G NICHOLLS

**Databases (see over)**

(i) UK Patent Office

(ii)

**Date of Search**

1 APRIL 1992

Documents considered relevant following a search in respect of claims 1-3

Category (see over)	Identity of document and relevant passages	Relevant to claim(s)
A	GB 2202135 A (MCDERMOTT)	
A	GB 2147200 A (SIMON)	
A	GB 911948 (FRANGES)	
A	US 4932702 (SWENCO)	



Category	Identity of document and relevant passages	Relevant to claim(s)

**Categories of documents**

**X:** Document indicating lack of novelty or of inventive step.

**Y:** Document indicating lack of inventive step if combined with one or more other documents of the same category.

**A:** Document indicating technological background and/or state of the art.

**P:** Document published on or after the declared priority date but before the filing date of the present application.

**E:** Patent document published on or after, but with priority date earlier than, the filing date of the present application.

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