Title: METHOD AND ACCESSORY FOR FASTENING A MOBILE TELEPHONE

Abstract: Method and accessory for fastening a mobile telephone (1) to the inside of a pocket-like storage space, such as a shirt pocket (2). The inner surface of the shirt pocket (2) is equipped with one component (3, 4) of a so-called Velcro tape and the telephone (1) or similar is equipped with the other component (4, 3), and the telephone (1) is placed in the pocket in such a way that the opposing pieces of tape lie at least partly against each other, in order to form a fastening. The accessory is formed of a sheet, to which the Velcro tape (3) is attached.
Method and accessory for fastening a mobile telephone

The present invention relates to a method and accessory for fastening a mobile telephone or similar and particularly for fastening it to the inside of a pocket or similar.

The development of mobile telephones has led to a reduction in their size. Small mobile telephones can be easily kept almost anywhere. However, many people favour a fashion demanding such tight clothes that it is difficult to keep a mobile telephone in a trouser pocket, for example, despite it small size.

One alternative for keeping a mobile telephone is a should-bag, handbag, or a special mobile-telephone case, which is often attached to a waist belt. Particularly in men's apparel, a breast pocket would be a suitable place for a mobile telephone, but a telephone has a tendency to fall out of it when the wearer stoops.

Known solutions to the problem of a mobile telephone falling from a breast pocket include, for example, closing the pocket with a flap and button, and securing the telephone with a clip similar to a clothes peg. The use of the flap and button is slow and difficult, nor its it regarded as fashionable on all occasions, for example, when wearing a dress shirt. The clip, on the other hand has aesthetic drawbacks. It pulls the corners of the pocket down into a ugly crease and adds to the thickness of the telephone, so that it shows through other clothing, for example, a jacket, even more.

The present invention is intended to create a solution specifically to the problem of keeping a telephone in the pocket of a shirt or similar and to conveniently prevent it from falling out of the pocket when the wearer stoops a position, in which the telephone would be otherwise likely to fall.

This and other advantages and benefits of the present invention are achieved in the manner stated to be characteristic in the accompanying Claims.
In the following, the invention is examined with reference to the accompanying simplified figures, which show an embodiment according to the invention.

Thus:

Figure 1 shows a telephone in a shirt pocket;

Figure 2 shows a side view of the same arrangement, with one side of the pocket ‘cut away’; and

Figure 3 shows a means for taking a sticker and attaching it to an existing shirt pocket.

So-called Velcro tape is widely used for various purposes, for example, for attaching garments to each other at their edges. Of course, it has also been used for many other purposes. According to the present invention, it is now used in a new manner.

The new solution is the fastening of a telephone 1 to the inside of a pocket by using a textile sticker. Of course, this can be done in many ways. The preferred method has been found to be to attach the smoother ‘female’ tape 3 to the body side of the inside of the pocket and the rougher ‘male’ tape 4 to the telephone.

A suitable height for placing the sticker has been shown to be the upper part of the telephone 1, which provides a natural attachment, in which the telephone 1 rests essentially on the bottom of the pocket, without placing a load on the Velcro fastening 3, 4. In the case of the width, the preferred solution is, in turn, for the female tape 3 to be nearly the full width of the pocket 2 and for the male tape 4 to be only a narrow, roughly square-shaped strip on the telephone 1. The relative dimensions of the tapes 3 and 4 are not, however, very critical. In the case of the female tape 3, a suitable attachment material has been shown to be a textile adhesive that adheres when hot and is attached, for example, with the aid of an iron and, in the case of the male tape 4, a self-adhesive sticker that
attaches to the telephone.

The female-side Velcro tape 3 can, of course, be attached to the garment by gluing or sewing already during its manufacture. However, it must then be set quite high, or else notification, as to the telephone models for which it is suitable, must be attached to the garment. A tape that is attached afterwards, for example, by the user themselves, can be marketed using Velcro tapes equipped with a special telephone-type-specific 'installation kit'. However, as will be explained later, the installation kit can be of a general type, which is shaped to be suitable precisely for this purpose, prior to installation.

The installation kit, which is shown in Figure 3, is preferably a paper or cardboard tag 5, which is cut laterally to the size of a smallish pocket and to which the textile Velcro tape is loosely attached at the correct height from the end that is pushed towards the bottom of the pocket. The attachment of the tape 3 can be made, for example, at a short distance from its end, so that there will be no danger that the attachment substance will interfere with the attachment of the opposite sticker on the telephone to the middle of the tape 3. The paper or cardboard 5 is preferably thin enough not to excessively slow the transmission of the heat required to bind the adhesive, as it is easier to keep the source of heat, for example the iron, on the surface that is intended to be on the outside of the pocket.

Information as to the telephone types for which it is suitable can be printed on the paper tag 5. On the other hand, general tags can be made, in which there is also information as to how the tag 5 should be shaped so that it will fit the desired type of telephone. For example, the tag 5 can be large enough to suit any type of telephone at all and can be marked with broken lines showing the cutting lines, by cutting along which it is possible to make the tag suitable for smaller telephones. Naturally, it is a good idea to print on the tag detailed installation instructions for installing both the Velcro tape and the telephone sticker.
It can be preferable to market the telephone fasteners in series that include a single telephone sticker and, for example, 5 - 12 pocket Velcro tapes ready attached to 'installation-kit tags'.

The textile tapes will not, of course, last for ever, but the piece of sticker can be scraped off the telephone and a new one glued in its place and, on the other hand, the old tape can be ripped out of the inside of the pocket, or, if the adhesive is too strong, a new tape can be simply iron-glued on top of the old one.

The invention is a handy way to eliminate one generally known irritation. It is simple and reliable in operation. Also, it does not prevent the pocket from being used for other purposes in a conventional manner.

It is obvious that the invention is not intended to be restricted to precisely that which is described above, but instead the invention can be adapted, while remaining within the scope of protection of the accompanying Claims, in many ways. Thus, for example, a telephone is by no means the only object that can then be held in a pocket. The invention will provide excellent assistance to people who keep their wallets in a breast pocket, by avoiding the wallet falling out accidentally. Other objects too can be faster to a suitable pocket-like place in a removable and reliable manner.
Claims

1. Method for fastening an object, for example, a mobile telephone (1) to the inside of a pocket-like storage space, such as a shirt pocket (2), in which method the inner surface of the shirt pocket (2) is equipped with one component (3, 4) of a so-called Velcro tape and the telephone (1) is equipped with the other component (4, 3), and the telephone (1) is placed in the pocket (1) in such a way that the opposing pieces of tape lie at least partly against each other, in order to form a fastening, characterized in that the piece of Velcro tape going into the pocket is attached to a piece (5) of paper or similar material, which is of such a shape that, when it is placed into the pocket, it positions the Velcro tape (3) in the desired location, the Velcro tape (3) is attached to the surface of the pocket, and the piece (5) is removed.

2. Method according to Claim 1, characterized in that the piece of Velcro tape (3) is attached to the inner surface of the pocket using heat, for example, by heating it with an iron.

3. Accessory for implementing the method according to Claim 1, characterized in that the piece of Velcro tape going into the pocket (2) is attached to a model sheet (5) of paper or similar material, which when put into the pocket positions the Velcro tape (3) in the correct location.

4. Accessory according to Claim 3, characterized in that the model sheet (5) is of a type, from which it is possible to shape a model individually suitable for any type of telephone whatever, for positioning the piece of Velcro tape (3) in the correct location.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

See extra sheet
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A45C, A45F, A41D, A44B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
FI, SE, NO, DK classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<td>A</td>
<td>DE 19636708 A1 (BILLION ERICH) 21 August 1997 (21.08.1997), the whole document</td>
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<td>A</td>
<td>US 3374508 A (SLIMOVITZ MORRIS L) 26 March 1968 (26.03.1968), the whole document</td>
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<tr>
<td>A</td>
<td>US 3128514 A (KENNETH PARKER et al.) 14 April 1964 (14.04.1964), the whole document</td>
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☐ Further documents are listed in the continuation of Box C. ☑ See patent family annex.

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Date of the actual completion of the international search 28 November 2005 (28.11.2005)
Date of mailing of the international search report 07 December 2005 (07.12.2005)

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CLASSIFICATION OF SUBJECT MATTER

Int.Cl.

**A45F 5/02** (2006.01)

**A41D 27/20** (2006.01)