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EUROPEAN PATENT APPLICATION

⑪ Application number: 88830007.6

⑤ Int. Cl. 4: **B 26 B 13/12**

⑫ Date of filing: 12.01.88

③ Priority: 13.02.87 IT 1938687

④ Date of publication of application:
17.08.88 Bulletin 88/33

④ Designated Contracting States:
BE CH DE ES FR GB GR LI SE

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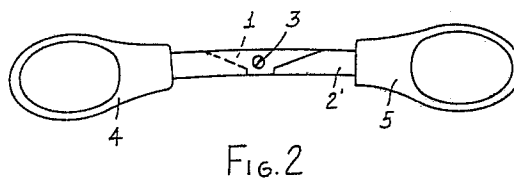
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⑤ Pocket foldable scissors adapted for also operating as a pencil sharpener and keyholder.

⑥ There are disclosed pocket foldable scissors also adapted for operating as a small knife or pencil sharpener and, if desired, as a keyholder.

The two operating elements (1, 2) of the scissors, which are hinged to one another in the conventional way, are each provided with an eyelet handle (4, 5), adapted for axially sliding along the end portion opposite to the scissors blade (1'', 2''). In order to store the scissors, the two operating elements (1, 2) thereof may be rotated so as to spread apart the scissors blades (1'', 2''), and arrange them along a single axis, the scissors being completely closed as the base portions of the two handle elements (4, 5) contact one another.



Description

POCKET FOLDABLE SCISSORS ADAPTED FOR ALSO OPERATING AS A PENCIL SHARPENER AND KEYHOLDER

BACKGROUND OF THE INVENTION

The present invention relates to pocket foldable scissors adapted for also operating as a small knife or pencil sharpener and, if desired, as a key holder, owing to the association of a suitable ring to one of the handle eyelets.

As is known, there are commercially available a great number of pocket scissors, of reduced size and including suitable protection members to prevent the scissors blades from dangerously projecting as the scissors are not used.

However, known scissors of the mentioned type have some drawbacks consisting both of the excessively reduced size of the scissors blades and of the complex scissors opening and closing operations which require a great time and manual skillness.

Usually, to the mentioned small scissors other tools are coupled, for different uses: however, in actual practice, these tools reduce the handling properties of the scissors which, in this case, must be constructed with blades of excessively reduced size.

Accordingly, the task of the present invention is to provide foldable pocket scissors which are very simple construction-wise and of very reliable operation.

Within that task, a main object of the present invention, is that of providing a scissors configuration the blades of which have a great strength and size, one of this blades being adapted to also operate as a small knife or pencil sharpener.

Another object of the present invention is to provide a scissors configuration which, if desired, may also adapted to act as a key ring and which, moreover, may be used as a very effective article for the advertising field and the sale promotion field.

SUMMARY OF THE INVENTION

According to one aspect of the present invention, the above mentioned task and objects, as well as yet other objects, which will become more apparent hereinafter, are achieved by a pocket foldable scissors structure characterized in that, in said scissors, the two metal scissors blades, which are conventionally hinged to one another, are each provided with an eyelet handle able of axially sliding along a portion of the respective element.

For closing the scissors, the two mentioned operating elements can be rotated so as to arrange them along a single axis, with the points of the blades withdrawn in suitable seats provided in the bodies of the handles, said blades, for completely closing the scissors, being caused to slide along the mentioned axis thereby completely closing the two scissors operating portions which, in this way, will occupy for the overall length the two eyelets of the handles.

BRIEF DESCRIPTION OF THE DRAWINGS

These and other characteristics, of functional and constructional nature, of the foldable pocket scissors according to the invention, adapted to also operate as a small knife or pencil sharpener and, if desired, as a key holder, will become more apparent from the figures of the accompanying drawings, where:

Figure 1 illustrates the scissors according to the invention in its opened condition;

Figure 2 illustrates the scissors having its two component parts spread apart so as to be aligned along the same axis;

Figures 3 and 4 are respectively a side view and a front view representing the two operating portions of the scissors, in the position thereof shown in Figure 2;

Figures 5 and 6 are respectively a side view and a front view representing the scissors according to the invention in a completely closed condition, with the eyelet handle bodies displaced along the mentioned axis so as to contact one another thereby completely enclosing the two metal operating portions of the scissors.

DESCRIPTION OF THE PREFERRED EMBODIMENT

With reference to the mentioned Figures, the pocket foldable scissors according to the invention comprise two operating portions 1 and 2, made of a suitable metal material, and hinged at 3; the rear ends 1' and 2' of said operating portions are bent over themselves, for a great length, so as to define a seat provided for housing the respective blades 1" and 2" for the closure of the scissors (see Figures 3 and 4).

The eyelet bodies 4 and 5, forming the handles of the scissors and the closure and protection member therefor, comprise, each, at the base of the corresponding eyelet, a strong zone provided with a longitudinal cavity and able of sliding about the bent ends 1' and 2' of the operating portion of the scissors.

Through the base zone, there are formed suitable small windows 6 and 7 which are arranged on the side on which the ends of the blades 1" and 2" will be arranged as they are spread apart and aligned along the same axis for closing the scissors.

The mentioned small windows allow for the scissors blades to be brought to their operating condition or to a not operating withdrawn condition, both in the closure position and use position.

In the completely closed position, the the base zones of the handle elements contact one another and the eyelets will receive the bent ends 1' and 2' of the operating portions of the scissors.

In the opened position, the mentioned operating portions of the scissors will again be displaced outwardly so as to disengage the eyelets. In this connection it is to be pointed out that a stop assembly is provided for preventing the bent ends of

the operating portions of the scissors from being completely projected from the base region of the handles.

Another important feature of the invention is that, in the closed condition of the scissors, the scissors blades cannot exit their seats since this would require that the two handle elements be moved away from one another which operation may be carried out exclusively by a manual intervention.

From the drawings and the preceding disclosure it should be apparent that the scissors according to the invention achieve the intended task and objects.

While the invention has been disclosed and illustrated with reference to a preferred embodiment thereof, it should be apparent that it is susceptible to many modifications and variations all of which will enter the scope of the invention, as defined by the appended Claims.

Claims

1. Pocket foldable scissors characterized in that they essentially comprise two metal operating elements, which are conventionally hinged to one another and each of which is provided with an eyelet handle having a base zone adapted for axially sliding along the opposite end of the blade of the related operating element and in that, for storing said scissors, said two operating elements can be rotated so as to spread apart the blades and arrange them along a single axis, the complete closure of the scissors being achieved as the bases of the two handle elements contact one another.

2. Scissors, according to the preceding Claim, characterized in that said metal operating portions are provided with strong and great length blades at least one of which is sharpened so as to operate as a small knife or pencil sharpener.

3. Scissors, according to the preceding Claims, characterized in that said operating portions are provided with long rear ends, which are bent on themselves so as to nearly reach the hinge region, and provide a seat for receiving the respective blade as the scissors are closed.

4. Scissors, according to the preceding Claims, characterized in that each handle portion, made of a suitably plastics material or any other suitable material, comprises an eyelet portion and, at the base of this portion, a strong zone having a longitudinal cavity therein the bent end of one of said operating portion can slide.

5. Scissors, according to the preceding Claims, characterized in that, in the base zones of the handle portions, there are formed small windows arranged on the side thereon the blades ends will be located as they are spread apart and aligned along the same axis for closing said scissors.

6. Scissors, according to the preceding

Claims, characterized in that, in the completely closed condition of said scissors, with the base zones of the two handle elements contacting one another, said eyelets receive the bent ends of the operating portions of the scissors.

7. Scissors, according to the preceding Claims, characterized in that they comprise a stop assembly adapted for preventing the bent ends of said operating portions from completely disengaging from the base zone of said handle portions.

8. Scissors, according to one or more of the preceding Claims, characterized in that said scissors comprise a key holding ring engaged with one of the eyelets of said handles.

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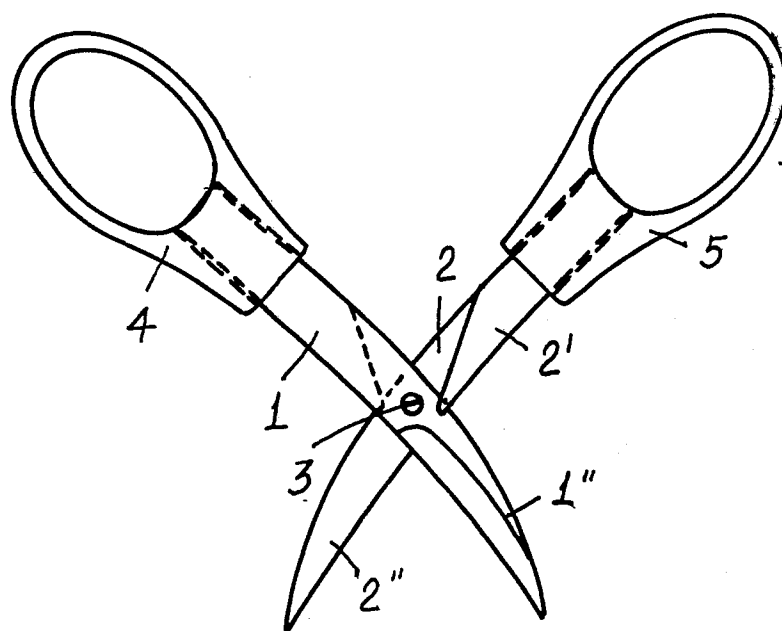


FIG. 1

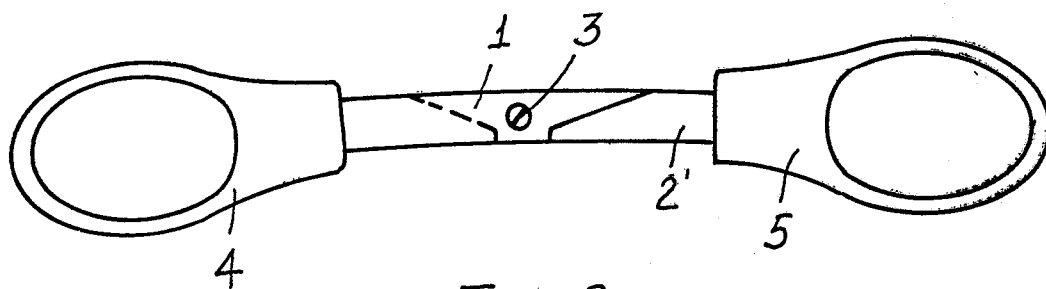


FIG. 2

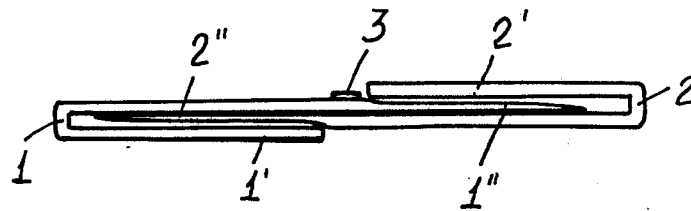


FIG. 3

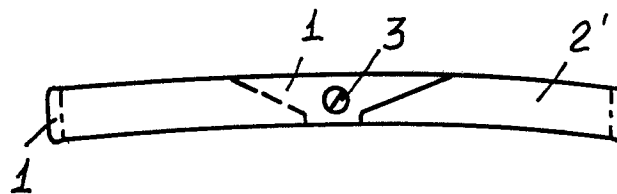


FIG. 4

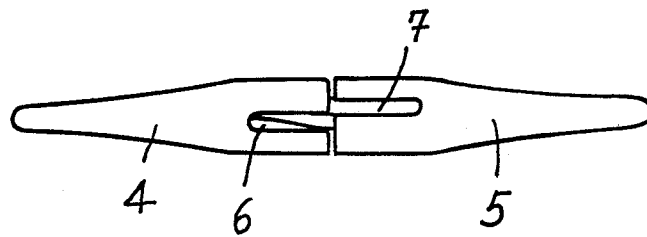


FIG. 5

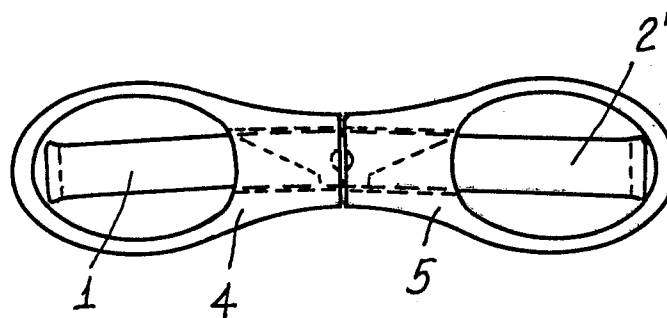


FIG. 6



DOCUMENTS CONSIDERED TO BE RELEVANT			EP 88830007.6
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
X	US - A - 3 781 992 (BARR)	1,3,4, 5,6,7	B 26 B 13/12
A	* Totality * --	2	
X	GB - A - 656 905 (SELANDER)	1,3,4, 5,6,7	
A	* Totality * ----	2	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			B 26 B 13/00
Place of search VIENNA		Date of completion of the search 05-04-1988	Examiner BRÄUER
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	