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(54) **Laundry stapler**

Wäscheklammergerät

Agrafeuse de blanchisserie

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Description

[0001] Technical Field: The idea of the Laundry stapler and Labeler stapler, respectively (in short: Labeler stapler) was invented to be used by/to help the workers/staff of the laundries/dry cleans' shops to finish their work faster, easier, safer, and in more professional environment, along with usual using of the regular staplers.

[0002] Technical Background: As a part of the laundering/washing/cleaning process and before having the textiles/clothes inside the washing/drying machine and through the watching of the whole washing process in many laundries, each piece of clothes or textiles must be attached with a small label shows the invoice number to which it belongs, before keeping it inside the washing/drying machine.

[0003] The process of attaching the labels to the textiles/ customer's clothes takes a long time and tough efforts, starting from cutting the paper notes into smaller pieces, ending by stapling them one by one using the regular stapler on each piece of the customer's clothes,

[0004] WO 2004/062856 A2 discloses a labeler stapler which combines both of a labeling and a stapling mechanisms in one tool that comprises a scissor shape stapler or a stapler that contains a base.

[0005] Introduction of the invention: "The Labeler stapler" will avoid the laundries' workers the long tough time of using the regular staplers to cut the paper notes and to fix each one to each piece of the customer's clothes through a new mechanism which is a combination of two systems (labeling and stapling) in one tool called "the Labeler stapler".

[0006] Methods to execute the invention: The idea of the Labeler stapler can be implemented in a various designs:

The Regular staplers' shape (Plastic)

The scissor stapler's shape (Metal body Stapler)

➤ The core of the Laundry stapler's / Labeler Stapler's idea is: to include a labeling system between the stapler's base and the bottom of the base, which allows the users to have additional option of labelling and stapling at the same time.

➤ A pop-up paper note's system is embedded inside the stapler's base in a container, which is refillable, once the paper notes are consumed the user can refill the container easily with other paper notes that will be separately included within the outer packing of the stapler, and will be salable independently in the market.

➤ The paper note's container is fixed on the inner top side of the stapler's bottom base, generating the paper notes automatically out of the stapler's front slot with each time of stapling.

➤ The stapler comes with a lock that allows the users to on/off the pop-up paper note's system,

which means that the stapler will be able to do the regular stapling job along with additional option which is the labeling anytime the user decides to do.

➤ In both of the suggested designs "The regular shape, and the scissor shape", the base should be provided/combined with a flexible rubber base, which includes a door with lock that allows refilling the paper note's container.

➤ The rubber base should include a transparent part that shows the level of the paper notes inside the container, and helps the user to decide when to refill it with new paper notes.

[0007] Figures 1 through 8 show exemplary embodiments of the invention or one exemplary embodiment of the invention, respectively.

[0008] Figure 1 shows an exemplary embodiment of a labeler stapler having paper inside (see reference numeral 10), and further having a transparent plastic cover 12, a logo 14, a metal body 16, metal pins - remover 18, a plastic rubber base 20, a pop-up sticky paper's(container) base 22 (refillable) (hidden inside the larger base), a lock 24 to close the paper notes' pop-up, and refillable embedded pop-up paper notes 26. Reference numeral 28 indicates pop-up paper notes. Transparent plastic base can be opened and closed, shows level of papers inside (see reference numeral 28). Pop-up paper notes are indicated by reference numeral 30.

[0009] Figure 2 show the embedded container 22 of the paper notes, and a switch 24 to on/off the paper notes pop-up, and a slot 32 where paper notes come out.

[0010] As indicated by reference numeral 34, figure 3 show that the paper-note is out of the slot 'during usage'.

[0011] In figure 5, reference numeral 34 indicates paper notes, and reference numeral 36 indicates pop-up built in the main rubber base. Moreover, a transparent back 38 to show the level of the paper notes inside is shown.

[0012] In figure 6, reference numeral 40 indicates a combination of metal and rubber surface.

Reference Numerals

[0013]

- | | |
|----|--|
| 10 | paper inside |
| 12 | transparent plastic cover |
| 14 | logo |
| 16 | metal body |
| 18 | metal pins - remover |
| 20 | plastic rubber base |
| 22 | pop-up sticky paper's(container) base (refillable) hidden inside the larger base / embedded container of the paper notes |
| 24 | lock to close the paper notes' pop-up switch to on/off the paper notes pop-up |
| 26 | refillable embedded pop-up paper notes |

- 28 transparent plastic base can be opened and
closed, shows level of papers inside
30 pop-up paper notes
32 slot where paper notes come out
34 paper notes 5
36 pop-up built in the main rubber base
38 transparent back to show the level of the paper
notes inside
40 combination of metal and rubber surface 10

Claims

1. A labeler stapler (10) which combines both of a labeling and a stapling mechanisms in one tool that consists of: 15

a scissor shape stapler or a stapler that contains a base (20),
characterized in that 20
said base (20) includes a refillable pop-up paper note system (22), the bottom of the base (20) comes with a transparent door that can be opened/closed allowing the users to see the level of the paper notes and to refill it once finished, 25
and
said labeler stapler further consists of a button (24) provided on the outside of the stapler's base (20), that can be locked allowing the users to stop the labeling option. 30
2. A labeler stapler (10) according to claim 1, wherein the front outside of the base (20) of the scissor shape stapler contains a slot (32) that allows the paper notes to come out, while the slot (32) comes on the top of the base in the labeler stapler, in both shapes the slot (32) is configured to allow the paper notes to come out in order to be under the stapler's hammer. 35 40
3. A labeler stapler (10) according to claim 1, wherein the labeling system is embedded in the base (20) of the stapler, the labeling system consists of a pop-up sticky paper note's refillable container (22), and the container (22) is fixed on the inner bottom of the base transparent door. 45
4. A labeler stapler (10) according to claim 1, wherein the labeler stapler (10) is configured such that the paper notes come out of the front top side of the stapler's base (20) each time the user stapling. 50

Patentansprüche

1. Ein Etikettenheftgerät (10), welches sowohl einen Etikettier- als auch einen Heftmechanismus in einem Werkzeug kombiniert, welches besteht aus: 55

ein Scherenformheftgerät oder ein Heftgerät, welches einen Sockel (20) aufweist,
dadurch gekennzeichnet, dass
der Sockel (20) ein nachfüllbares Aufklapp-Papiernotizsystem (22) aufweist, wobei die Unterseite des Sockels (20) eine transparente Klappe hat, die geöffnet/geschlossen werden kann, um dem Nutzer zu erlauben, den Füllstand der Papiernotizen zu sehen und sie nachzufüllen, sobald sie aufgebraucht sind, und
das Etikettenheftgerät ferner aus einem Knopf (24) besteht, der an der Außenseite des Sockels (20) des Heftgeräts vorgesehen ist, und der verriegelt werden kann, um dem Nutzer zu erlauben, die Etikettieroption zu stoppen.

2. Ein Etikettenheftgerät (10) gemäß Anspruch 1, wobei die vordere Außenseite des Sockels (20) des Scherenformheftgeräts einen Schlitz (32) enthält, welcher es den Papiernotizen erlaubt, herauszukommen, während der Schlitz (32) auf die Oberseite des Sockels an dem Etikettenheftgerät kommt, und bei beiden Formen der Schlitz (32) eingerichtet ist, um den Papiernotizen zu erlauben, herauszukommen, um unter dem Hammer des Heftgeräts zu sein.
3. Ein Etikettenheftgerät (10) gemäß Anspruch 1, wobei das Etikettiersystem in den Sockel (20) des Heftgeräts eingebettet ist, das Etikettiersystem aus einem nachfüllbaren Behälter (22) für Aufklapp-Haftpapiernotizen besteht, und der Behälter (22) an der inneren Unterseite der transparenten Klappe des Sockels befestigt ist.
4. Ein Etikettenheftgerät (10) gemäß Anspruch 1, wobei das Etikettenheftgerät (10) eingerichtet ist, so dass die Papiernotizen aus der vorderen Oberseite des Sockels (20) des Heftgeräts herauskommen, jedes Mal wenn der Nutzer heftet.

Revendications

1. Étiquetteuseagrafeuse (10) qui combine un mécanisme d'étiquetage et un mécanisme d'agrafage en un outil constitué de :

uneagrafeuse en forme de ciseaux ou uneagrafeuse qui contient une base (20),
caractérisée en ce que
ladite base (20) comprend un système de feuilles de papier rechargeable (22), la partie inférieure de la base (20) entre en contact avec une porte transparente qui peut être ouverte/fermée, ce qui permet aux utilisateurs de voir le niveau des feuilles de papier et de les recharger une fois terminées, et
ladite étiqueteuseagrafeuse est en outre cons-

tituée d'un bouton (24) disposé à l'extérieur de la base de l'agrafeuse (20), qui peut être bloqué, permettant ainsi aux utilisateurs d'arrêter l'option d'étiquetage.

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2. Étiqueteuseagrafeuse (10) selon la revendication 1, dans laquelle l'extérieur à l'avant de la base (20) de l'agrafeuse en forme de ciseaux comprend une fente (32) qui permet aux feuilles de papier de sortir, tandis que la fente (32) entre en contact avec la partie supérieure de la base dans l'étiqueteuseagrafeuse, dans les deux formes la fente (32) est conçue pour permettre aux feuilles de papier de sortir de manière à se trouver sous le marteau de l'agrafeuse.
3. Étiqueteuseagrafeuse (10) selon la revendication 1, dans laquelle le système d'étiquetage est intégré dans la base (20) de l'agrafeuse, le système d'étiquetage est constitué d'un récipient (22) rechargeable de feuilles de papier adhésives et le récipient (22) est fixé sur la partie inférieure interne de la porte transparente de la base.
4. Étiqueteuseagrafeuse (10) selon la revendication 1, dans laquelle l'étiqueteuseagrafeuse (10) est conçue de façon à ce que les feuilles de papier sortent du côté supérieur frontal de la base (20) de l'agrafeuse à chaque fois que l'utilisateur effectue un agrafage.

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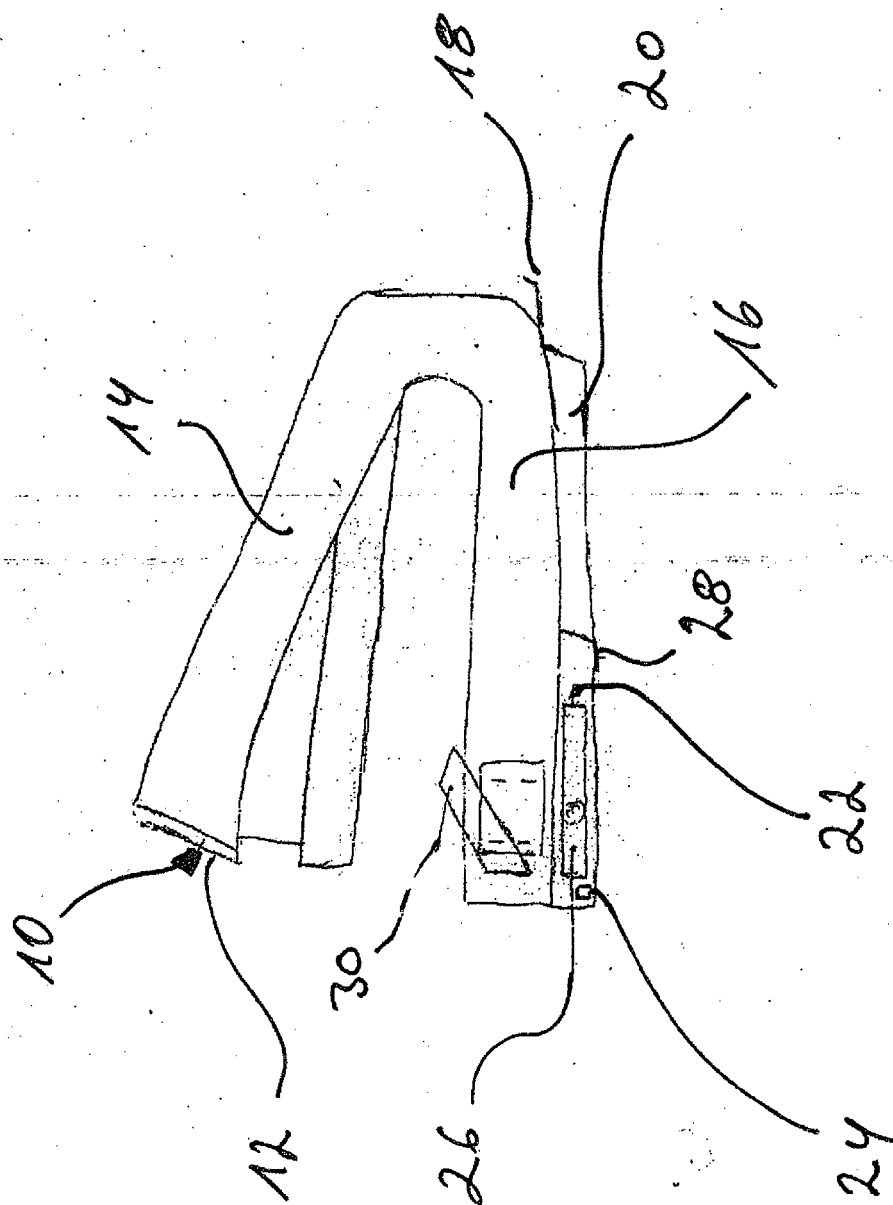


Fig. 1

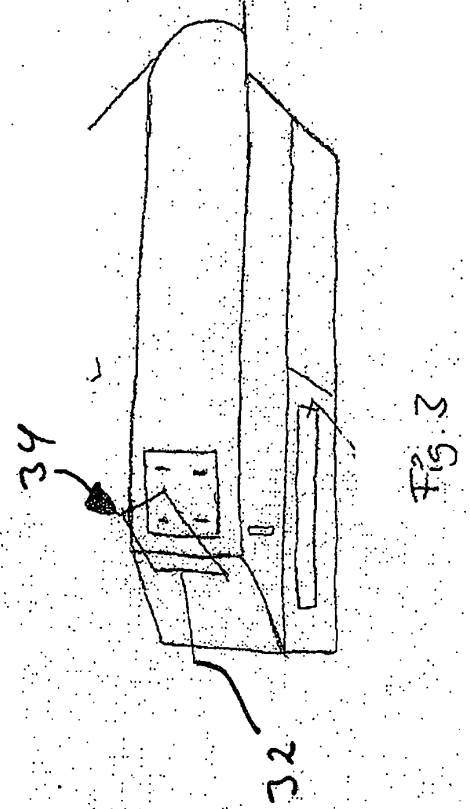
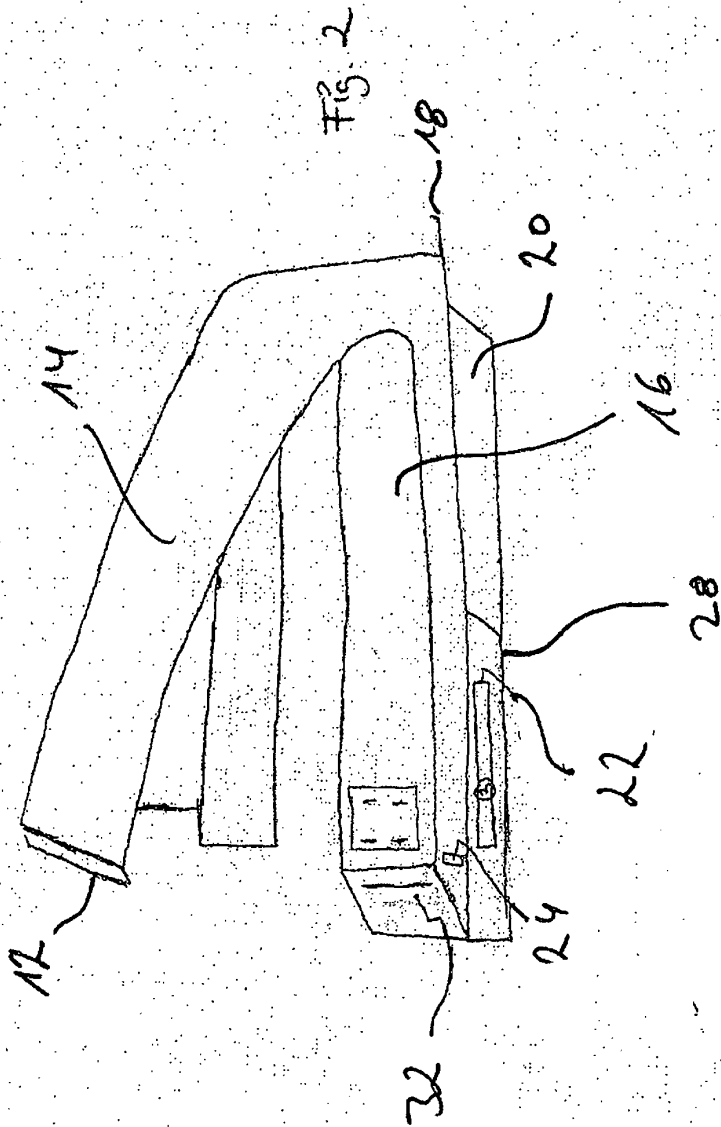
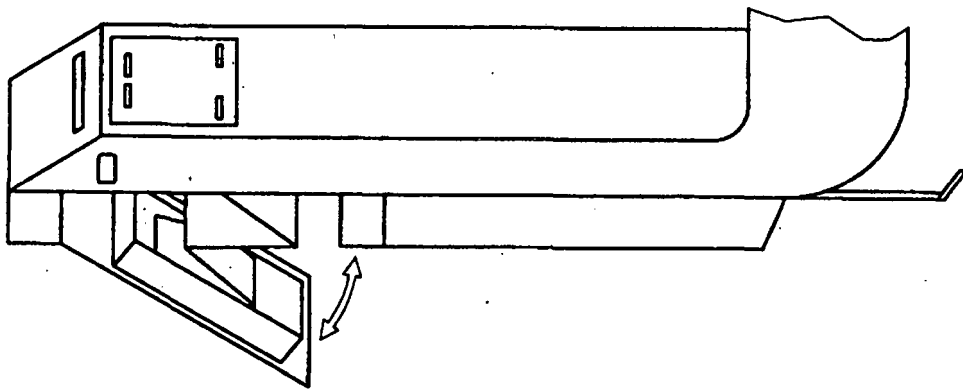


FIG 4



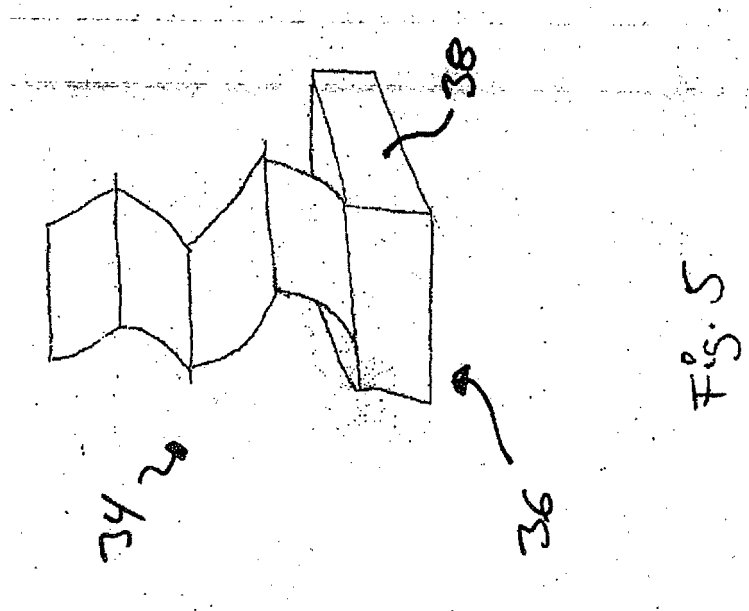


Fig. 5

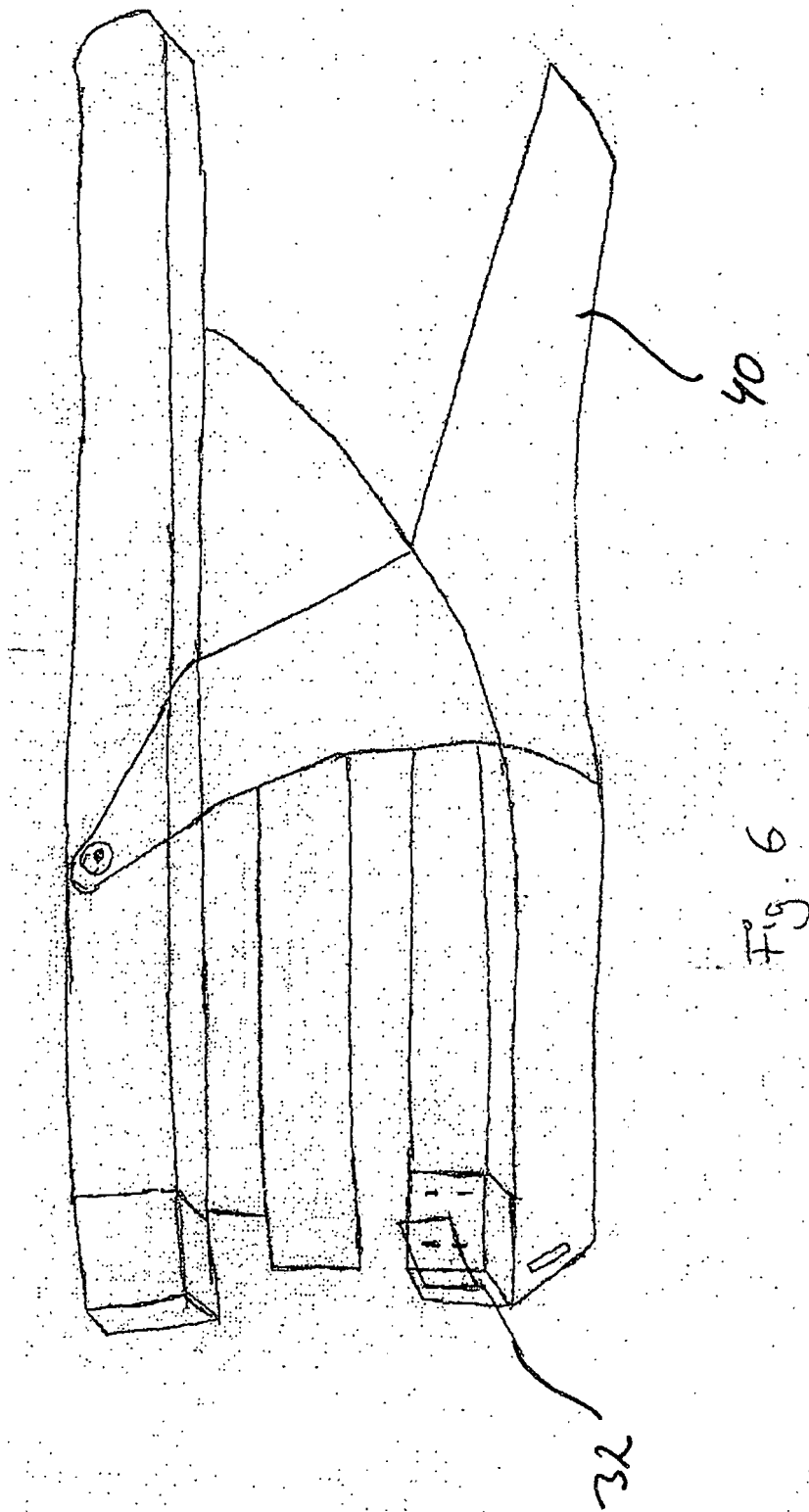


FIG 7

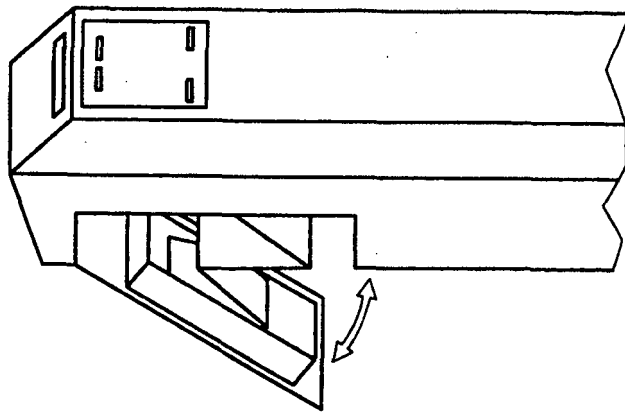
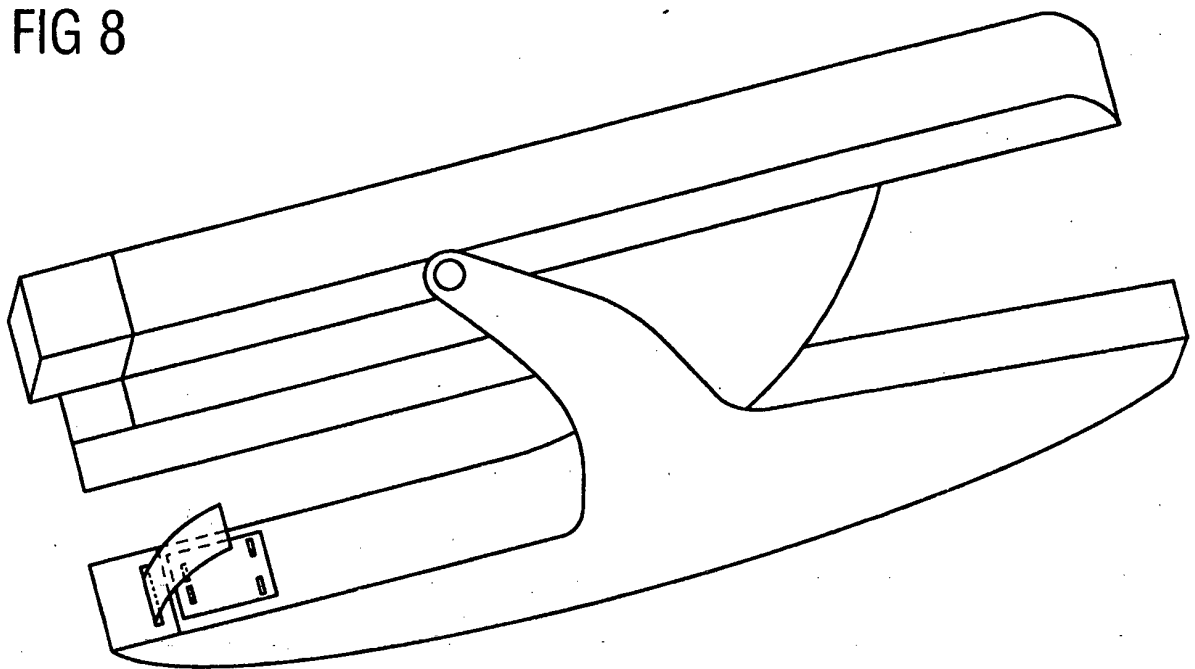


FIG 8



REFERENCES CITED IN THE DESCRIPTION

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Patent documents cited in the description

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