

## B26B

**HAND-HELD CUTTING TOOLS NOT OTHERWISE PROVIDED FOR (for harvesting A01D; for horticulture, for forestry A01G; for butchering or meat treatment A22; for manufacturing or repairing footwear A43D; nail clippers or cutters A45D29/02; kitchen equipment A47J; [N: vegetable slicers, julienne cutters and similar devices and holders therefor, B26D3/28]; for surgical purposes A61B; for metal B23D; cutting by abrasive fluid jets B24C5/02; plier-like tools with cutting edges B25B7/22; pincers B25C11/02; handles for hand implements, in general B25G; guillotine-type cutters B26D; [N: perforating by non-mechanical means, e.g. by fluid jet, B26F1/26]; for erasing B43L19/00 ; for textile materials D06H )**

### Definition statement

*This subclass/group covers:*

- Hand knives, hand shears, scissors, axes, hatchets in general
- Hair cutting devices such as hair clippers, dry shavers and wet shave razors
- Hand-held cutting tools involving disc blades or annular blades
- Guards and sheaths for hand-held cutting tools
- Arrangements for guiding hand-held cutting tools

### References relevant to classification in this subclass

*This subclass/group does not cover:*

Handsaws	<a href="#">B27D 21/00</a>
Scrapers with blades	<a href="#">A47L 13/08</a>
Scrapers for finishing work on buildings	<a href="#">E04G 23/00</a>

Places in relation to which this subclass is residual:

Surgical knives or scissors	<a href="#">A61B 17/32</a>
Knives for slaughtering	<a href="#">A22B 3/10</a> , <a href="#">A22B 5/16</a>

Hand-held cutting tools for horticultural purposes	<a href="#">A01G 3/00</a>
Hand-held cutting tools for harvesting	<a href="#">A01D 1/00</a>
Hand-held metal cutting devices	<a href="#">B23D 29/02</a>
Hand-held cutting tools for manufacturing or repairing footwear	<a href="#">A43D 5/00</a>
Plier-like tools with cutting edges	<a href="#">B25B 7/22</a>
Hand-held cutting tools for removing insulation or armouring from cables	<a href="#">H02G 1/12</a>
Hand-held tube cutters	<a href="#">B26D 3/16</a> , <a href="#">B23D 21/06</a>
Vegetable cutters	<a href="#">B26D 3/283</a>

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Kitchen equipment	<a href="#">A47J</a>
Cutting machines and details thereof	<a href="#">B26D</a>
Guillotine-type cutters	<a href="#">B26D</a>
Guillotine-type cutters for cigars	<a href="#">A24F 13/24</a>
Portable power-driven hand tools	B25
Combination or multi-purpose tools	<a href="#">B25F</a>
Handles for hand implements	<a href="#">B25G</a>
Hand tools for grinding, polishing or stropping	<a href="#">B24D 15/08</a>
Pincers	<a href="#">B25C 11/02</a>
Nail clippers or cutters	<a href="#">A45D 29/02</a>

Heat treatment for knives, scissors or like hand-cutting tools	<a href="#">C21D 9/18</a>
Methods of cutting hair	<a href="#">A45D 7/00</a>
Hair removing by depilation or singeing	<a href="#">A45D 26/00</a>
Dynamo-electric machines/motors	<a href="#">H02K</a>
Containers and stands for shaving devices	<a href="#">A45D 27/22</a>
Electric toothbrushes	<a href="#">A61C 17/22</a>
Cosmetics and shaving compositions for skin	<a href="#">A61K</a>
Making of razor blades	<a href="#">B21D 53/645</a>
Coating metallic material	<a href="#">C23C</a>

## **B26B 1/00**

**Hand knives with adjustable blade; Pocket knives (B26B11/00 takes precedence)**

### **Definition statement**

*This subclass/group covers:*

Hand knives or pocket knives with adjustable blade, wherein the blade is movable but not detachable from the knife.

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Hand knives or pocket knives with additional tools or functions, e.g. as swiss knives	<a href="#">B26B 11/00</a>
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Example from US 2010/0242287 A1 by Eugene Gregg Jameson

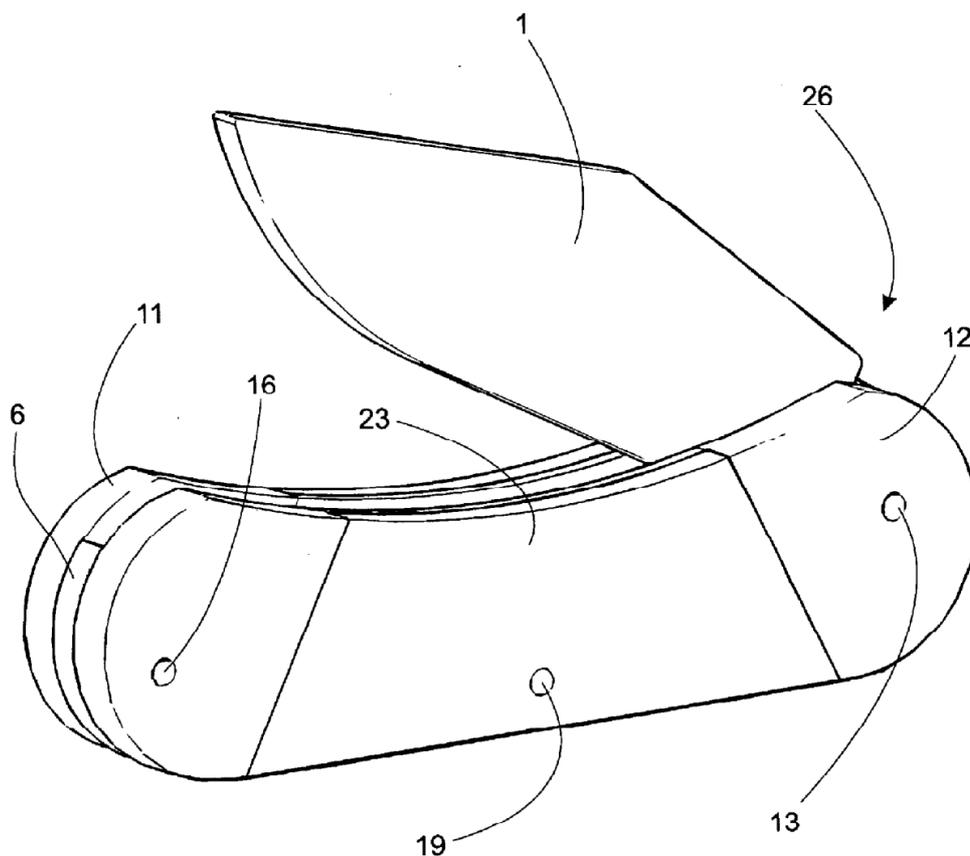


Figure 2

## B26B 3/00

### Hand knives with fixed blades

#### Definition statement

*This subclass/group covers:*

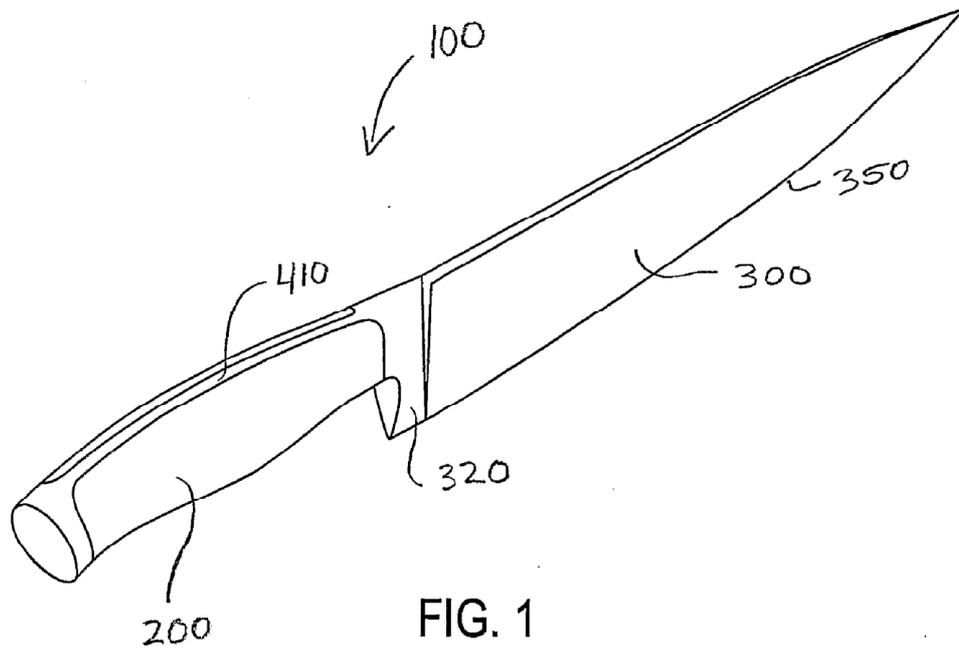
Hand knives wherein the blade is neither movable nor detachable

#### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Handles and attaching handles in general	<a href="#">B25G</a>
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Example from WO 03/101680 A1 by Calphalon Corporation



## **B26B 5/00**

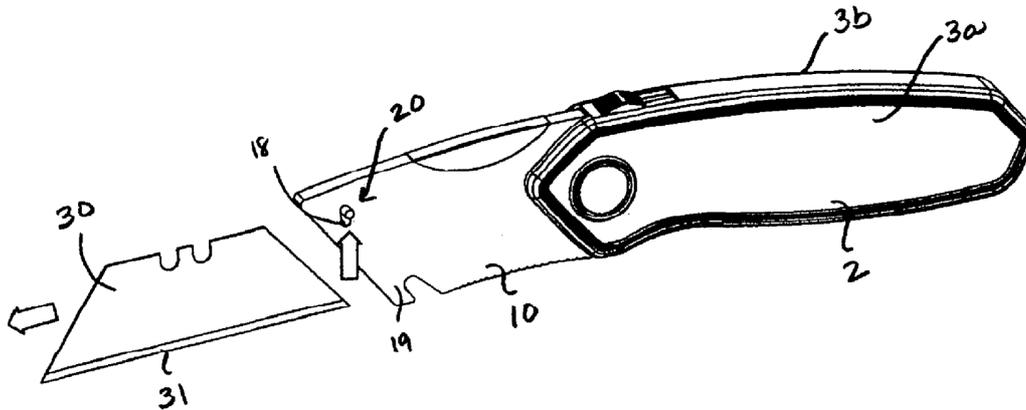
### **Hand knives with one or more detachable blades**

#### **Definition statement**

*This subclass/group covers:*

Hand knives or cutters with detachable blades, the blades may be also detachable from a movable blade carrier as shown in the example below

Example from US 2009/0165309 A1 by William Kamb et al.



## **B26B 7/00**

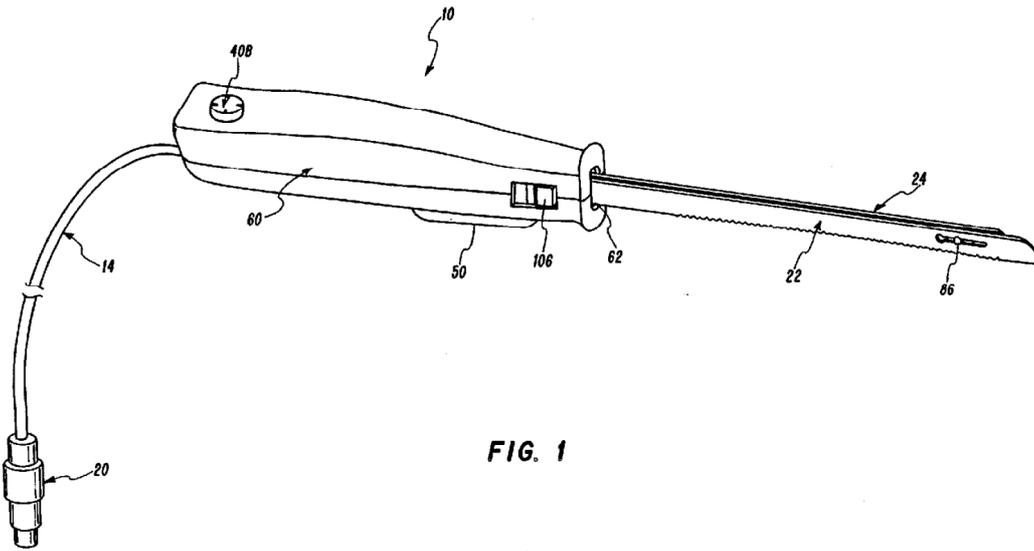
### **Hand knives with reciprocating motor-driven blades**

#### **Definition statement**

*This subclass/group covers:*

Hand knives with one motor driven reciprocating or vibrating blade or with two or more counter-reciprocating blades

Example from US 4,711,030 by Robert B. Ruston, Sr.



## **B26B 9/00**

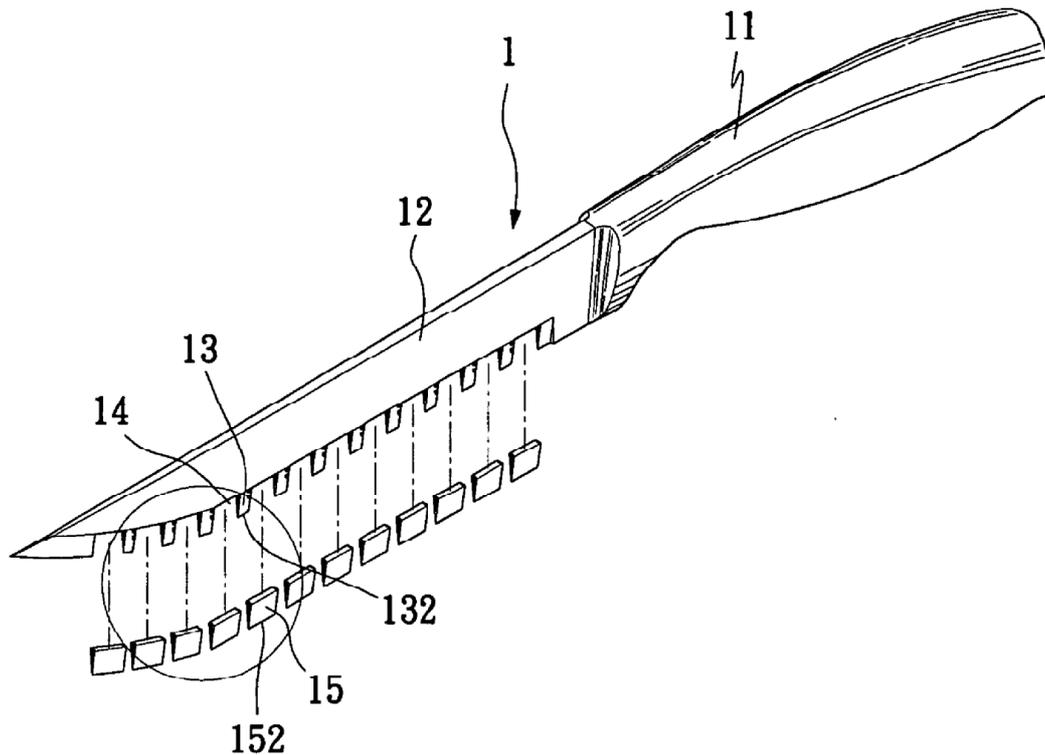
### **Blades for hand knives**

#### **Definition statement**

*This subclass/group covers:*

Features of knife blades and/or knife blade edges

Example from US 2006/0101649 A1 by Chen Fen Chen



## B26B 11/00

Hand knives combined with other implements, e.g. with corkscrew, with scissors, with writing implement (combined table-ware A47G21/06 )

### Definition statement

*This subclass/group covers:*

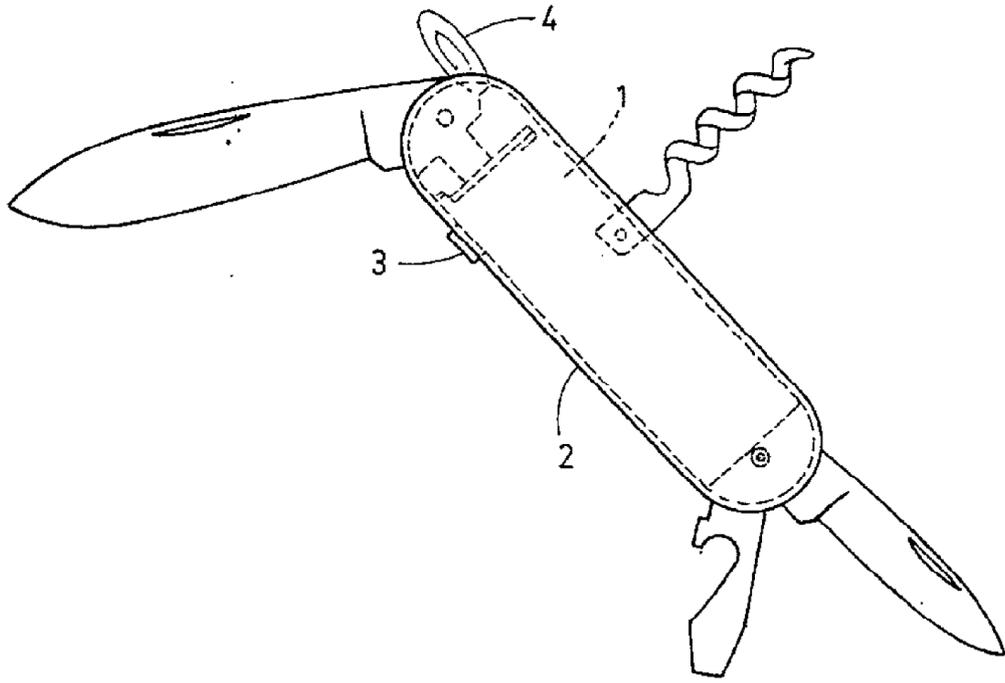
Hand knives or pocket knives with additional tools or functions, e.g. as swiss knives

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Combined tableware	<a href="#">A47G 21/06</a>
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Example from DE 197 45 510 A1 by Werner Neuenschwander



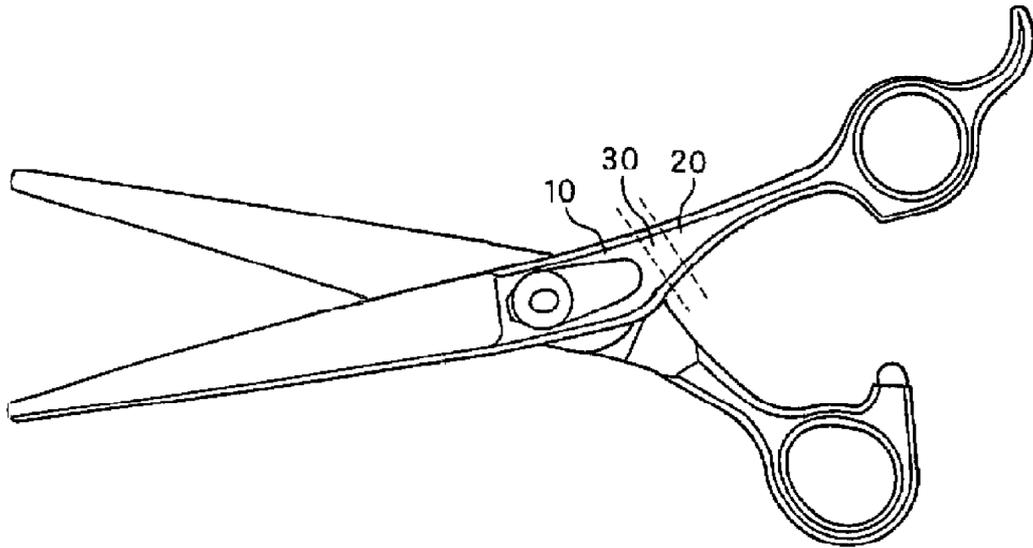
**B26B 13/00**

**Hand shears; Scissors**

**Definition statement**

*This subclass/group covers:*

Example from WO 02/32631 A1 by Adachi Kogyo, Inc.



## **B26B 15/00**

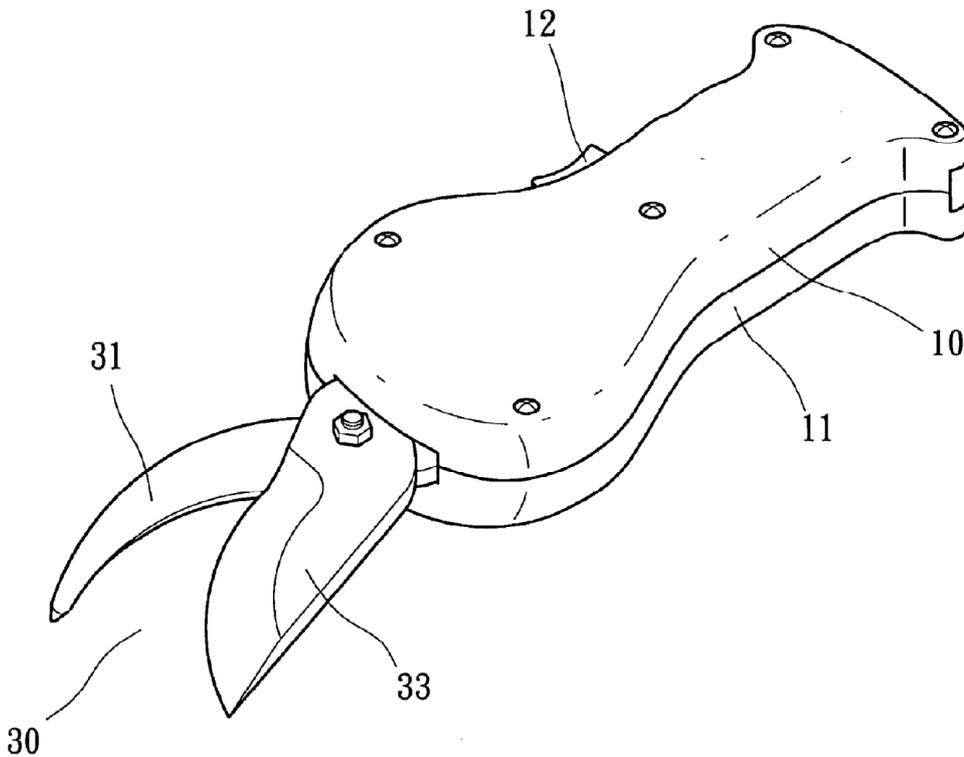
### **Hand-held shears with motor-driven blades**

#### **Definition statement**

*This subclass/group covers:*

Hand-held shears with motor driven blades or wherein the movement of the fingers may be supported by drive means

Example from US 2005/0160606 A1 by Ching Hsiu Yao



## B26B 17/00

Hand cutting tools with two jaws which come into abutting contact (nail clippers or cutters A45D29/02; joints therefor B25B7/06)

### Definition statement

*This subclass/group covers:*

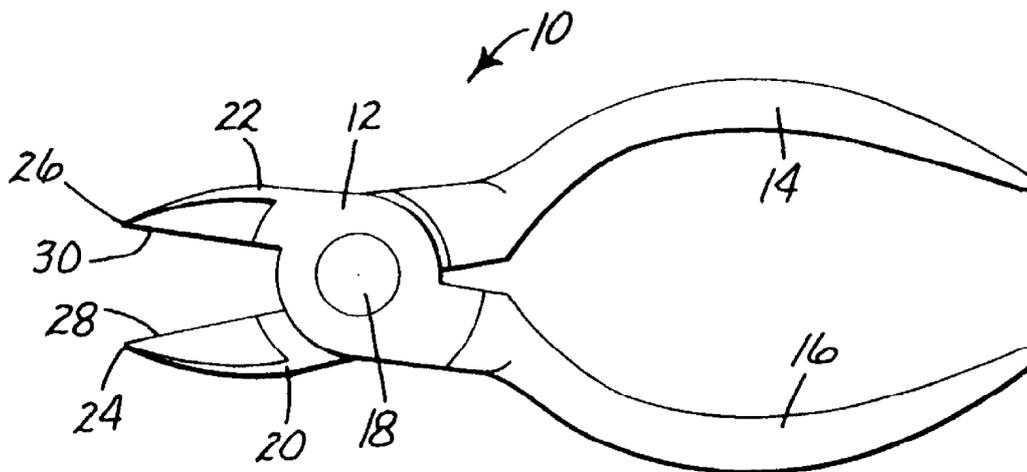
Hand cutting tools wherein the two abutting cutting jaws may be arranged longitudinally or perpendicular to the handles

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Nail clippers or cutters	<a href="#">A45D 29/02</a>
Joints for pliers	<a href="#">B25B 7/06</a>

Example from EP 0 497 508 A2 by Minnesota Mining And Manufacturing Company; E.T.M. Corporation



**Fig. 1**

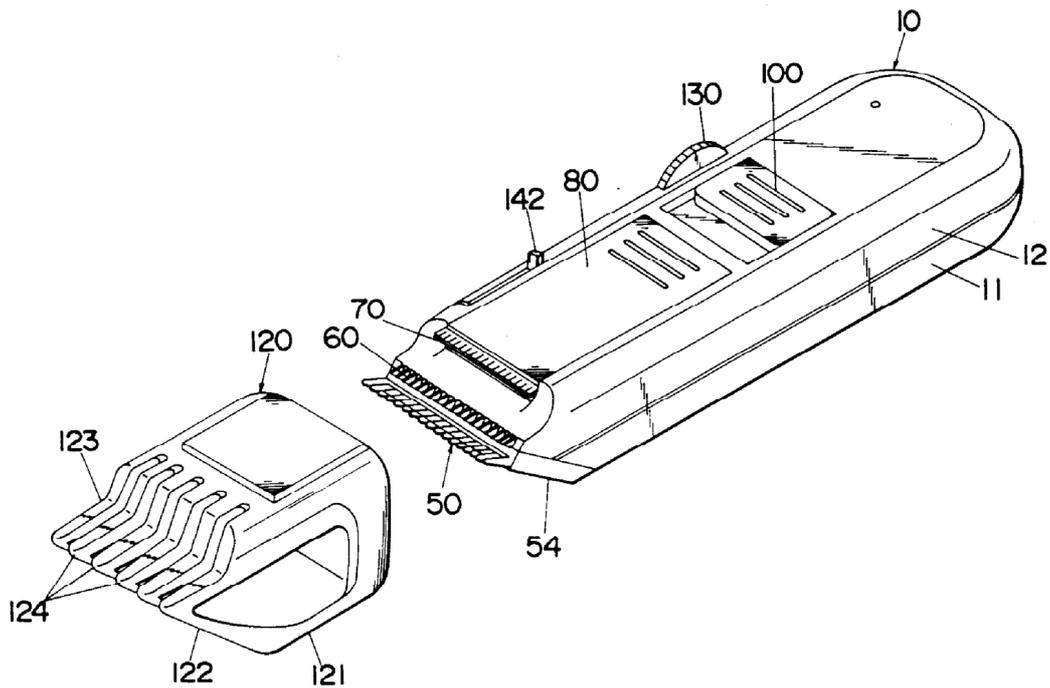
**B26B 19/00**

**Clippers or shavers operating with a plurality of cutting edges, e.g. hair clippers, dry shavers**

**Definition statement**

*This subclass/group covers:*

Example from US 5,054,199 by Hitoshi Ogawa et al.



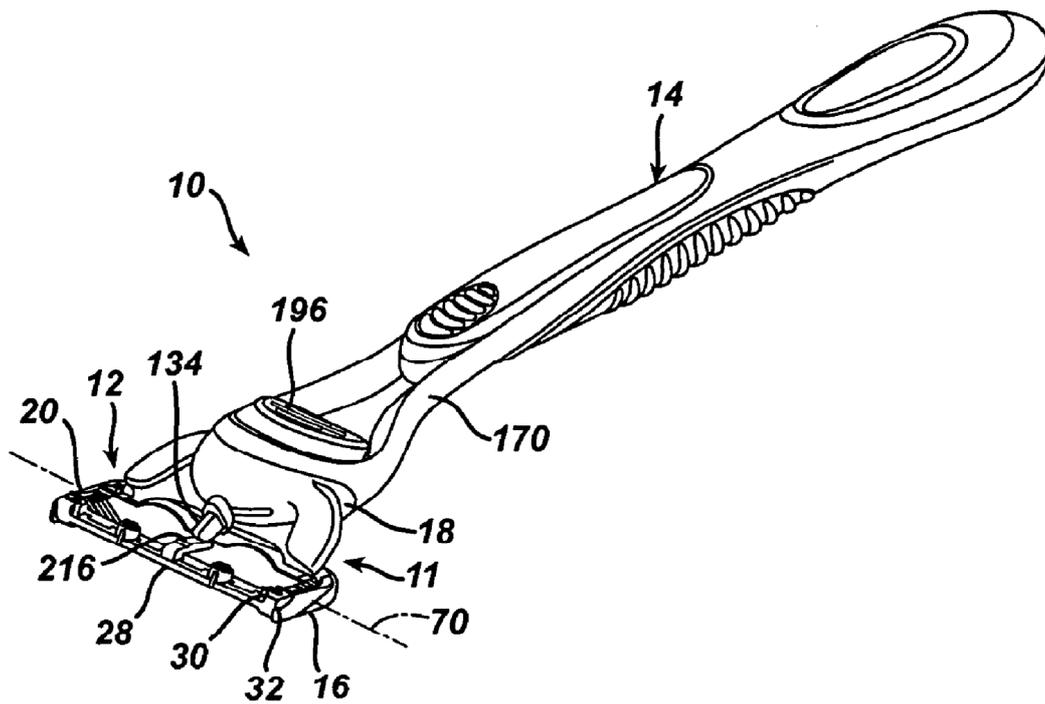
## **B26B 21/00**

**Razors of the open or knife type; Safety razors or other shaving implements of the planing type; Hair-trimming devices involving a razor blade; Equipment therefore**

### **Definition statement**

*This subclass/group covers:*

Example from US 2005/0198841 A1 by Charles B. Worrick III



## B26B 23/00

Axes; Hatchets

### Definition statement

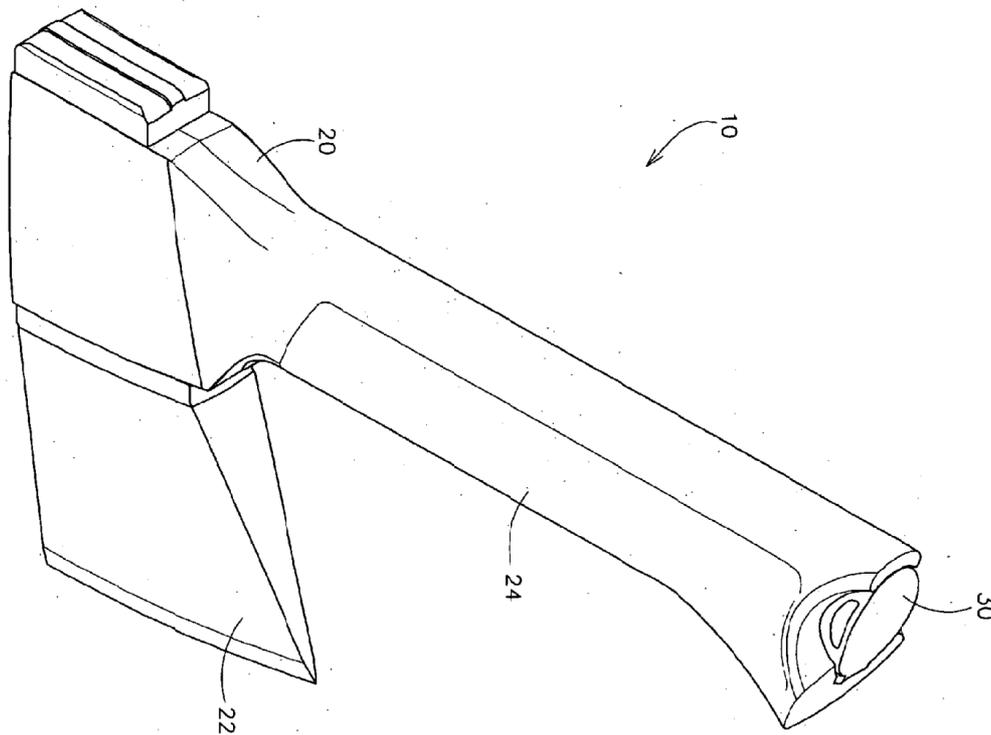
*This subclass/group covers:*

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Attaching of the handles	<a href="#">B25G</a>
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Example from US 2005/0102845 A1 by Edgar A. Dallas et al.



## **B26B 25/00**

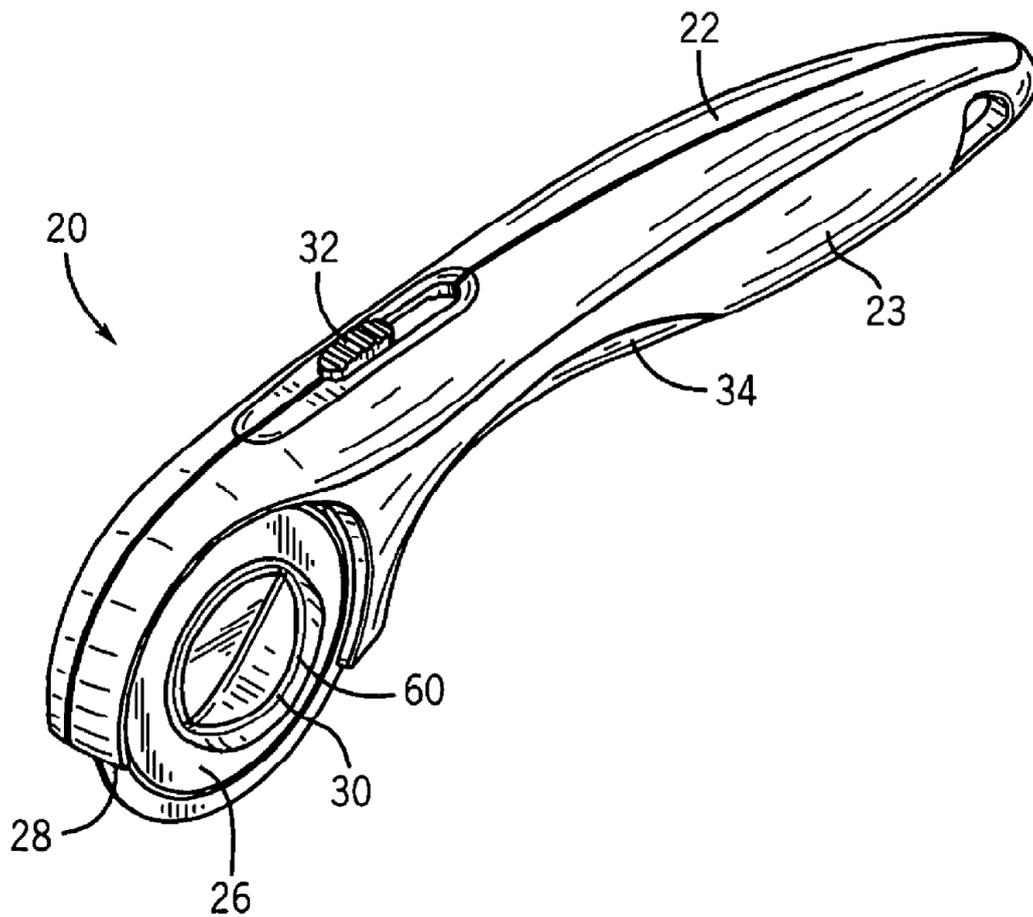
**Hand cutting tools involving disc blades, e.g. motor-driven (details or components, e.g. casings, bodies, of portable power-driven tools not particularly related to the operation performed B25F5/00)**

### **Definition statement**

*This subclass/group covers:*

Hand cutting tools wherein the disc blades may be manually rotated or by additional driving means

Example from US 2009/0183378 A1 by David C. Eby et al.



## **B26B 27/00**

**Hand cutting tools not provided for in the preceding groups, e.g. finger rings for cutting string, devices for cutting by means of wires**

### **Definition statement**

*This subclass/group covers:*

Handheld cutting tools which are completely different from knives, scissors or shavers, e.g. as the string cutter below for cutting out a windscreen

Example from US 2003/0217471 A1 by Chun Po Huang

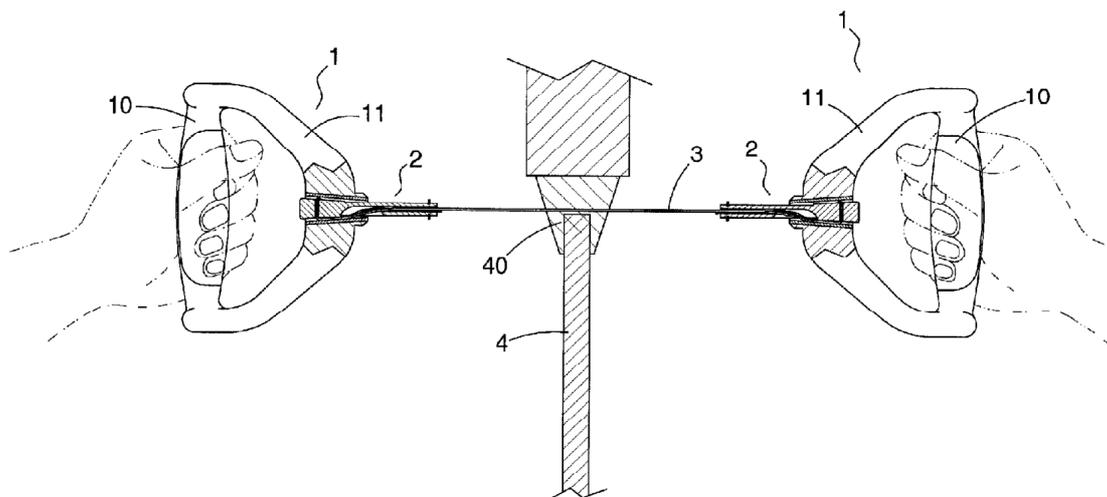


FIG. 4

## B26B 29/00

**Guards or sheaths for hand cutting tools; Arrangements for guiding hand cutting tools (guards for hair clippers or dry shavers B26B19/38 )**

### Definition statement

*This subclass/group covers:*

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Guards for hair clippers or dry shavers	<a href="#">B26B 19/38</a>
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Example from US 6,202,529 B1 by Gerry Grant Hodsdon

