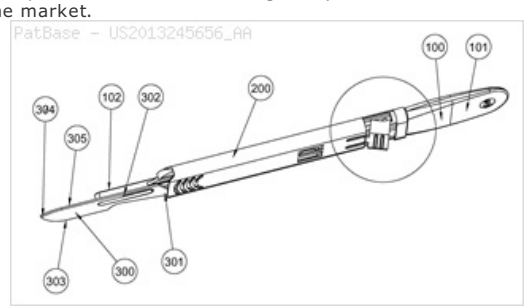
1) Family number: 54785186 (US2013245656A)

Title: SIDE ACTIVATED SAFETY SCALPEL FOR LEFT AND RIGHT HAND USERS WITH BLADE REMOVAL SYSTEM

Abstract: A surgical scalpel is presented which combines the attributes of cost-effectiveness in design while being ambidextrous and autoclavable. The design of the device affords left handed or right handed medical personnel with the feel, weight and balance of the original metal unguarded scalpel, while maintaining safety through the shielding of the blade during non-use and the ability to dispose of the blade in a safe controlled manner without having to place ones hands near the unguarded sharp. Surgeons of either dexterity are able to learn and operate using similar techniques and instruments heretofore not available to them. No longer must a left handed surgeon be forced into the right handed world to perform surgery. The device is designed to use existing styles of blades currently available without needing costly inventories of specially created blades for the multitude of other such devices on the market.

Classifications:
International (IPC 8-9): A61B17/3211 A61B17/3213 (Advanced/Invention); A61B17/3211 A61B17/3217 (Advanced/Non-invention)
CPC: A61B17/3217 A61B2017/32113 A61B17/3211 A61B17/3213
US: 1/1 606/167



Family:

Publication number	Publication date	Application number	Application date
US2013245656 AA	20130919	US20130802522	20130313
US2017181763 AA	20170629	US20170455804	20170310
US9622773 BB	20170418	US20130802522	20130313
US10292729 BB	20190521	US20170455804	20170310

Priority:
US20120685480P 20120319 US20130802522 20130313 US20170455804 20170310

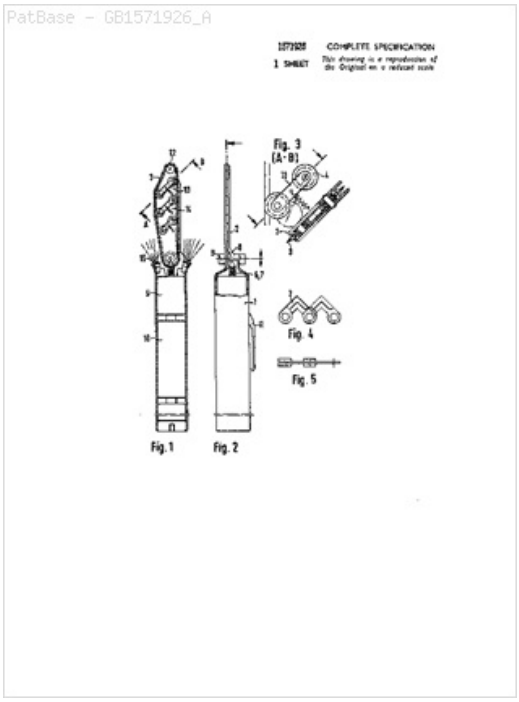
Probable Assignee: ASPEN SURGICAL PRODUCTS INC
Assignee(s): (std): ASPEN SURGICAL PRODUCTS INC ; AUSTRIA GEORGENE
Assignee(s): JPMORGAN CHASE BANK NA COLLATERAL AGENT AS ; SAFE ZONE GLOBAL INC ; ANTARES CAPITAL LP AGENT AS
Inventor(s): (std): AUSTRIA GEORGENE
Agent(s): PRICE HENEVELD LLP

2) Family number: 1234350 (GB1571926A)

Title: CUTTING DEVICE

Abstract: The knife has a peripheral blade. The curvature of the blade, however, is not constant but is variable as in a conventional scalpel having a movable blade. This is achieved in that the blade is formed from an endless saw chain (3) which runs all round in scalpel shape, the saw teeth lying in the cutting plane (2). The chain (3) is guided over bearings designed, for example, as wheels. When the wheels are pivoted, for example actuated by pushing a button, on pivoting arms (13), the chain (3) moves inwards except for the tip region, so that only the saw teeth in the tip region can operate actively. This is achieved in that the chain (3) runs between cheeks (2) and can be moved beyond these cheeks into the working position or behind the cheeks back into the non-working position.

Classifications:
International (IPC 8-9): A61B17/14 A61B17/32 A61B17/3211 B27B17/00 B27B17/08 B27B33/14 (Advanced/Invention); A61B19/00 (Advanced/Non-invention); A61B17/14 A61B17/32 B27B17/00 B27B33/00 (Core/Invention); A61B19/00 (Core/Non-invention)
International (IPC 1-7): A61B17/14 A61B17/32 B26B27/00 B26D1/50
CPC: B27B17/086 B27B33/14 A61B17/32 B27B17/00 B27B17/08 A61B17/149 A61B90/30
European: A61B17/14 A61B17/32 B27B17/00 B27B17/08 B27B17/08D B27B33/14 K61B17/14D K61B17/14E K61B19/52B



Family:

Publication number	Publication date	Application number	Application date
AT143277 A	19800715	AT19770001432	19770303
AT361106 B	19810225	AT19770001432	19770303
AU197723327 A1	19780921	AU19770023327	19770317
BE852546 A	19770718	BE19776045931	19770316
BR7701693 A	19771108	BR19770001693	19770318
CH619133 A	19800915	CH19770003368	19770317
DE2611720 A1	19770922	DE19762611720	19760319
DE2611720 B2	19780524	DE19762611720	19760319
DE2628131 A1	19771229	DE19762628131	19760623
DE2660077 B1	19780831	DE19762660077	19760319
DE2758381 A1	19790705	DE19772758381	19771228
DE2759228 A1	19790712	DE19772759228	19771231
DK117477 A	19770920	DK19770001174	19770317
FR2344266 A1	19771014	FR19770007956	19770317
GB1571926 A	19800723	GB19770010383	19770311
IT1071879 A	19850410	IT19770083351	19770321
JP52113588 A2	19770922	JP19770028109	19770316
NL7702661 A	19770921	NL19770002661	19770311
SE7702515 A	19770920	SE19770002515	19770307
ZA7701587 A	19780726	ZA19770001587	19770316

Priority:

DE19762611720 19760319 DE19762660077 19760319 DE19762628131 19760623
DE19772758381 19771228 DE19772759228 19771231

Probable Assignee: HAMER GEERD

Assignee(s): (std): HAMER G DR MED ; HAMER GEERD DR ; HAMER R GEERD DR MED ; HAMER GEERD ; GEERD HAMER DR MED

Assignee(s): HAMER G ; DR MED GEERD HAMER TE WEITERSTADT BONDSREPUBLIEK DUITSLAND ; GEERD HAMER ; HAMER GEERD DR MED ; HAMER R GEERD DR MED 6108 WEITERSTADT ; HAMER R GEERD DRMED ; HAMER GEERD DRMED

Inventor(s): (std): SIEFERT ROLAND ; SCHAEFER EBERHARD ; STORZ ERWIN ; GEERD DR MED HAMER R ; GEERUTO HAMAA ; HAMER G ; HAMER R GEERD DR MED ; HAMER GEERD DR MED

Inventor(s): DR MED GEERD HAMER ; SOK ; DRMED GEERD HAMER ; HAMER GEERD DRMED ; HAMER R GEERD DRMED ; GEERD DRMED HAMER R

3) Family number: 43072793 (USD589619S)

Title: SCALPEL HANDLE FOR LEFT HANDED

Abstract: The ornamental design for a scalpel handle for left handed, as shown and described.

Classifications:
US: D24/133 D24/147
Locarno class: 24/02

Family:

Publication number	Publication date	Application number	Application date
USD589619 S1	20090331	US20070287156F	20070705

Priority:

US20070287156F 20070705

Probable Assignee: WU JUNG

Assignee(s): (std)**:** WU JUNG

Inventor(s): (std)**:** WU JUNG

Agent(s): ROSENBERG KLEIN AND LEE

4) Family number: 71231914 (CO20180008183A)

Title: BISTURI AMBIDIESTRO Ambidextrous SCALPEL (Machine translation)

Abstract: Source: CO20180008183A [ES] La presente invencion se relaciona con un bisturi ambidiestro, como herramienta de corte, que no requiere remover o acomodar la cuchilla para cambiar la mano de uso del usuario, brindando la posibilidad de ser usado comoda, segura y facilmente por personas con cualquier lateralidad dominante. El bisturi ambidiestro esta conformado por: una tapa superior (100), una cuchilla estandar (200), un cuerpo del bisturi (300) y un seguro (400), compuesto por un seguro inferior (410) y un seguro superior (420). El cuerpo del bisturi (300), contiene la cuchilla (200) y permite el acople de la tapa (100) y el seguro (400). El cuerpo del bisturi (300) permite que todas las partes se acoplen perfectamente. El cuerpo del bisturi (300) esta compuesto por una ranura central (310) con bordes aserrados (320, 330, 340 y 350). Dentro del cuerpo (300) se deposita la cuchilla (200) soportada por el seguro (400). El seguro (400) puede deslizarse en el cuerpo (300). La tapa (100), al ser ensamblada con el cuerpo (300), impide que el seguro (400) y la cuchilla (200) se salgan. La cuchilla (200) permite el corte de los elementos. La cuchilla (200) se fija al cuerpo (300) en la porcion interior del mismo y se desplaza mediante su union al seguro (400). La cuchilla (200) es sujetada al seguro (400) por medio de un espigo (430) del seguro inferior (410). El deslizamiento del seguro (400) en la ranura central (310) del cuerpo del bisturi (300) permite subir y bajar la cuchilla. El seguro (400) permite al usuario cambiar la configuracion del bisturi ambidiestro (1000), de manera que pueda ser usado por personas diestras o zurdas, asi como subir, bajar y asegurar la cuchilla (200) sin necesidad de removerla. El seguro (400) esta compuesto por dos partes, el seguro inferior (410) y el seguro superior (420). El seguro inferior (410) tiene bordes aserrados (440) y un espigo (430) que atraviesa la cuchilla (200) y la fija al seguro inferior (410) y permite el desplazamiento de la cuchilla a traves de la ranura central del cuerpo (310). El seguro superior (420) permite el desplazamiento hacia los extremos superior e inferior, cambiar la posicion de diestro a zurdo, asi como tambien asegurar la cuchilla (200) dejandola quieta en un lugar del cuerpo del bisturi (300). El seguro superior (420) se acopla al seguro inferior (410) para completar el seguro del bisturi (400). El seguro (400), a su vez, se acopla con el resto de las partes del bisturi ambidiestro (1000). La tapa (100) evita que la cuchilla (200) salga por la parte superior del bisturi ambidiestro (1000), tiene forma curva que se acopla perfectamente con el cuerpo del bisturi (300) completando una curvatura en forma de jarra (500). **Machine translation:** The present invention relates to a scalpel ambidextrous, as cutting tool, which does not require the removal or accommodate the blade to change the use of the user, offering the possibility of being used comfortable, safe and easily by persons with any dominant laterality. The ambidextrous scalpel is formed by: a top cover (100), a blade (200), a body of the blade (300) and (400), comprising a bottom (410) and a top insurance insurance (420). The body of the blade (300), contains the blade (200) and allows the coupling of the cover (100) and (400). The body of the blade (300) allows all parts fit perfectly. The body of the blade (300) is composed of a central slot (320, 330, 310) with serrated edges (340 and 350). Within the body (300) is deposited the blade (200) supported by the latch (400). The Latch (400) can slide on the body (300). The cover (100), to be assembled with the body (300), (400) and prevents the blade (200) out. The Blade (200) allows the cutting of the elements. The Blade (200) is fixed to the body (300) in the inner portion thereof and is moved by means of attachment to the lock (400). The Blade (200) is attached to the latch (400) by means of a spigot (430) bottom (410). The sliding of the lock (400) in the central slot (310) of the body of the blade (300) allows up and down the blade. The Latch (400) allows the user to change the configuration of the ambidextrous scalpel (1000), so that it can be used by right-handed or left-handed, as well as raise, lower and ensure the blade (200) without the need to remove it. The Latch (400) is composed of two parts, the bottom (410) and (420). The bottom (410) (440) and a serrated edges spigot (430) passing through the blade (200) and fixed to the bottom (410) insurance and allows the displacement of the blade through the central slot of the body (310). The upper (420) allows the movement toward the upper and lower ends, change the position of right to left handed, as well as ensure the blade (200) leaving it still in a place of the body of the blade (300). The upper (420) is coupled to the bottom (410) to complete the insurance insurance of the lancet (400). The Latch (400), in turn, is coupled to the rest of the parts of the ambidextrous scalpel (1000). The cover (100) prevents the blade (200) to exit at the top of the ambidextrous scalpel (1000), has a curved shape that fits perfectly with the body of the blade (300) completing a curvature in the form of jar (500).

Classifications:
International (IPC 8-9): B26B1/00 B26B1/08 (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
CO20180008183 A1	20180910	CO20180008183	20180801

Priority:

CO20180008183 20180801

Probable Assignee: FUND ACADEMIA DE DIBUJO PROFESIONAL

Assignee(s): (std)**:** FUND ACADEMIA DE DIBUJO PROFESIONAL

Assignee(s): FUNDACION ACADEMIA DE DIBUJO PROFESIONAL

Inventor(s): (std)**:** ARCE LOAIZA ISABELLA ; MOY ARCILA RAQUEL