PETITORIO

AS: 105.278

Industria y Comercio
SUPERINTENDENCIA

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO
No 07-110403--00000-0000
20/20 NUEVE CREACIONE
FASE NACIONAL

FORMULARIO ÚNICO DE SOLICITUD DE PATENTE
PCT
ENTRADA EN FASE NACIONAL

1 SOLICITUD DE:

☒ Patente de Invención. ☐ Patente de Modelo de Utilidad.

☒ Capítulo I. ☐ Capítulo II.

2 SOLICITANTE (71)	Nombre: **PROGRESSIVE INTERNATIONAL CORPORATION** Dirección: 6111 South 228th Street, Kent, WA 98032, Estados Unidos de América. Nacionalidad o Domicilio: Estados Unidos de América. Lugar de Constitución: Estados Unidos de América. Teléfono: Fax: E-mail	**IDENTIFICACIÓN** C.C. ☐ NIT ☐ C.E. ☐ Otro ☐ Cual_____ Número _____
3 REPRESENTANTE O APODERADO	Nombre: JUAN PABLO CADENA SARMIENTO Dirección: Cra. 7 No. 71-21 Torre B – Piso 4, Bogotá, Colombia. Teléfono: 744-2200 Fax: 742-2200 E-mail:	**IDENTIFICACIÓN** C.C. ☒ NIT ☐ C.E. ☐ Otro ☐ Cual _____ Número 80.410.337 TP 57492
4 INVENTOR (ES) (72)	**Nombre**: Sascha KAPOSI. **Dirección:** 1105 North Oakes Street, Tacoma, WA 98406, Estados Unidos de América. **Nacionalidad o Domicilio**: Estados Unidos de América.	

5 PCT (86)
Solicitud Internacional No. PCT/US2006/010528 Fecha 22-03-2006
Publicación Internacional No. WO 2006/102489 A2 Fecha 28-09-2006

6 Título (54): DISPOSITIVO MULTI-ABRIDOR

7 Clasificación Internacional (51): _____

8 Prioridad SI ☒ NO ☐	(33) País de Origen	(32) Fecha	(31) Número de Solicitud
	US	22-03-2005	60/664,439

9 Comprobante de pago No. 07—72,603 **Fecha** 18-10-2007

Instrucciones para el diligenciamiento del presente formulario, ver reverso de esta página.

10 **ANEXOS**

- [x] Comprobante de pago de la tasa de presentación de la solicitud. $482.000
- [ ] Documento que acredita la existencia y representación legal cuando el solicitante sea persona jurídica.
- [ ] Poderes, si fuere el caso. **Fotocopia autenticada**
- [ ] Documento de cesión del inventor al solicitante o a su causante.
- [ ] Declaraciones.
- [x] Copia de la solicitud internacional. (Resumen, descripción, reivindicaciones, dibujos)
- [x] Traducción de la solicitud internacional al castellano. (Resumen, descripción, reivindicaciones, dibujos)
- [ ] Copia del examen preliminar efectuado por la IPEA.
- [ ] Traducción del examen preliminar efectuado por la IPEA.
- [ ] De ser el caso, copia del contrato de acceso.
- [ ] De ser el caso, documento que acredite la licencia o autorización de uso de conocimientos tradicionales de las comunidades indígenas.
- [ ] De ser el caso, certificado de depósito del material biológico.
- [ ] Arte final 12x12.
- [ ] De ser el caso, información sobre otras solicitudes de patente o títulos obtenidos en el extranjero por el mismo titular o su causante, relacionadas parcial o totalmente con la invención de esta solicitud.
- [x] Otros: Tarjeta de Propietarios
  Documentos PCT

11 FIGURA CARACTERÍSTICA:

12 Solicito la concesión de la patente,

NOMBRE: JUAN PABLO CADENA SARMIENTO

FIRMA: _____

C.C. 80.410.337 de Usaquén TP 57492 del C.S.J.

Instrucciones para la presentación de los anexos, ver reverso de esta página.

AS 105278

73

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

NIT : 800176089-2

RECIBO OFICIAL DE CAJA : 07 - 72,603
FECHA : SEPTIEMBRE 10 DE 2007

***** C O N S I G N A C I O N *****

DEPOSITANTE	TIPO PAGO	BANCO	CUENTA	No. PAGO	FECHA PGO	Vr. PAGO
BRIGARD & CASTRO LTDA	CONSIGNACION	BANCO POPULAR	050-00110-6	59040581	10/09/2007	2,430,000.00
BRIGARD & CASTRO LTDA	CONSIGNACION	BANCO POPULAR	050-00110-6	62762483	10/09/2007	32,280,000.00

***** C O N C E P T O *****

CANT.	RENTISTICO	CONCEPTO	TOTAL CONCEPTO
1	50005-01-01 SOLICITUDES	1 TRAMITES DE SOL. DE PATENTE DE IN	482,000.00
		TOTAL : $	482,000.00

SON: CUATROCIENTOS OCHENTA Y DOS MIL PESOS

RESPONSABLE : _____

RECIBO DE CAJA APLICADO AL EXPEDIENTE No. _____

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
28 September 2006 (28.09.2006)

PCT

(10) International Publication Number
WO 2006/102489 A2

(51) International Patent Classification:
B32B 3/10 (2006.01)

(21) International Application Number:
PCT/US2006/010528

(22) International Filing Date: 22 March 2006 (22.03.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/664,439 22 March 2005 (22.03.2005) US

(71) Applicant *(for all designated States except US)*: **PROGRESSIVE INTERNATIONAL CORPORATION** [US/US]; 6111 South 228th Street, Kent, WA 98032 (US).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: **KAPOSI, Sascha** [US/US]; 1105 North Oakes Street, Tacoma, WA 98406 (US).

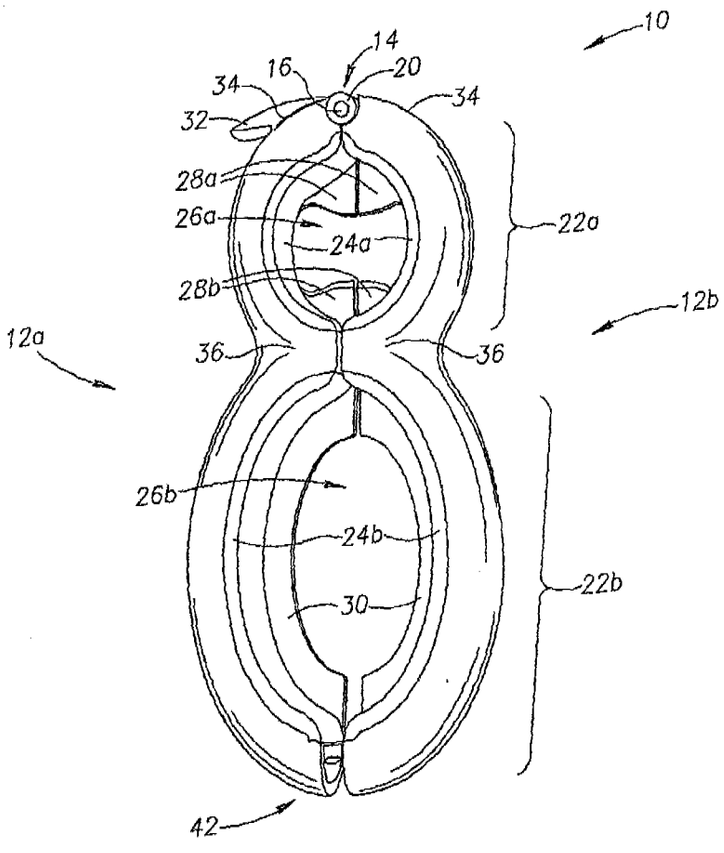
(74) Agent: **PATE, Michael, G.**; Black Lowe & Graham, PLLC, 701 Fifth Avenue, Suite 4800, Seattle, WA 98104 (US).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

[Continued on next page]

(54) Title: MULTI-OPENER DEVICE



(57) Abstract: A container opening tool includes first and second legs hingedly secured to one another. Each leg has proximal and distal portions each having an aperture wall including a gripping material. The aperture walls form of the first and second legs are positionable to form proximal and distal apertures. The aperture walls of the distal portions define an elongate aperture, such as an oval or ellipse. Bottle opening flanges secure to the first and second legs and project into the proximal aperture. When the legs are pivoted together, the flanges are positioned adjacent one another and function as a single bottle opener. A blade secures to the second leg near the distal end positioned within a recess formed proximate the distal end of the second leg. A projection is formed on the distal end of the first leg and positionable proximate the blade to press a bag against the blade.

WO 2006/102489 A2

FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *without international search report and to be republished upon receipt of that report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

MULTI-OPENER DEVICE

INVENTOR
Sascha Kaposi

PRIORITY CLAIM

[0001] This application claims the benefit of provisional application Serial No. 60/664,439, filed March 22, 2005, which is hereby incorporated by reference.

FIELD OF THE INVENTION

[0002] This invention relates generally to package opening devices, particularly including devices capable of opening a wide variety of packages, including bottles, cans, jars and bags.

BACKGROUND OF THE INVENTION

[0003] Many bottles, cans, and bags are tightly sealed and can be difficult to open. A typical household includes a variety of different devices for opening, including can openers, bottle openers, scissors, and special gripping devices. While each such device can be useful for its particular purpose, it would be better if a single device could perform the function of many different devices, eliminating the need for several devices while providing improved opening functions at the same time.

SUMMARY OF THE INVENTION

[0004] A container opening tool includes first and second legs hingedly secured to one another. Each leg has proximal and distal portions each having an aperture wall including a gripping material. The aperture walls of the proximal portions of the first and second legs form a proximal aperture and the aperture walls of the distal portions of the first and second legs are positionable to form a distal aperture. The proximal and distal apertures may have differing sizes and shapes. In one embodiment, the aperture walls of the distal portions define an elongate aperture, such as an oval or ellipse, with the first and second legs contacting each other near the major axis of the elongate shape. A projection may secure to an arcuate outer surface formed on the first leg and extend substantially tangentially from the outer surface. The projection is engageable with pull tabs of containers in order to lift the pull tabs upon pivoting the container opening tool relative to the container.

[0005] Bottle opening flanges secure to the first and second legs and project into the proximal aperture. When the legs are pivoted together, the flanges are positioned adjacent one another and function as a single bottle opener. The bottle opening flanges secure to the legs at the edge of the aperture walls such that a lid can be positioned within the proximal aperture having the flanges resting on the lid to aid in positioning the opening tool on the lid. In a like manner, skirts secure to the edges of the aperture walls of the distal portions and provide a surface engaging the top of a lid being opened.

[0006] The first and second legs each include a junction positioned between the proximal and distal ends. The junctions join the proximal and distal portions and include a gripping surface. The gripping surfaces of the junctions are placed in contact with one another when the legs are pivoted together in order to grip items such as safety seals covering container openings.

[0007] A blade secures to the second leg near the distal end. The distal ends of the legs are pressed together around a bag and the bag moved relative to the blade in order to cut

an opening in the bag. In one embodiment, the blade is positioned within a recess formed proximate the distal end of the second leg. A projection is formed on the distal end of the first leg and positionable proximate the blade to press a bag against the blade.

BRIEF DESCRIPTION OF THE DRAWINGS

[0008] Preferred and alternative embodiments of the present invention are described in detail below with reference to the following drawings.

[0009] FIGURE 1 is a perspective view of a container opening tool, in accordance with an embodiment of the present invention;

[0010] FIGURE 2A is a top plan view of a first leg of the container opening tool of FIGURE 1;

[0011] FIGURE 2B is a top plan view of a second leg of the container opening tool of FIGURE 1;

[0012] FIGURE 3 is a perspective view of a gripping surface, in accordance with an embodiment of the present invention;

[0013] FIGURE 4 is a perspective view of a distal end of the second leg having a blade secured thereto, in accordance with an embodiment of the present invention; and

[0014] FIGURE 5 is a perspective view of a distal end of the first leg having a projection secured thereto, in accordance with an embodiment of the present invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

[0015] Referring to FIGURES 1, 2A, and 2B, a container opening tool 10 includes a first leg 12a and a second leg 12b pivotally secured to one another by means of a pivot 14. The legs 12a, 12b are formed of a rigid material such as plastic, aluminum, steel, or the like. The legs 12a, 12b may also have an outer cover made of natural or synthetic rubber that provides cushioning and gripability to the user. The pivot 14 may be embodied as a pin 16 positionable within apertures 18a, 18b formed in the legs 12a, 12b. The aperture 18a in the leg 12a may be formed in two arms 20 positioned on either side of the portion of the leg 12b

having the aperture 18b formed therein. The legs 12a, 12b include proximal and distal portions 22a, 22b each having an aperture wall 24a, 24b. The apertures walls 24a, 24b of the legs 12a, 12b are positionable adjacent one another to form proximal and distal apertures 26a, 26b.

[0016] The aperture walls 24a, 24b may be formed of a grippable material such that the legs 12a, 12b can be positioned around a lid or other structure to facilitate twisting. The aperture walls 24a, 24b may be formed of a material different than the material covering other parts of the tool 10 such that the aperture walls 24a, 24b are better suited for gripping lids. In the illustrated embodiments, the apertures 26a, 26b are of different sizes to accommodate differently sized lids. The aperture 26b may be embodied as an arcuate, elongate shape, such as an oval or ellipse, in order that the same aperture can readily grip lids of different sizes. The aperture walls 24b are typically portions of the elongate shape formed by dividing the elongate shape along its major axis. In this manner, when the legs 12a, 12b are closed, the length of the minor axis of the elongate shape is small enough to allow the legs 12a, 12b to close around small lids. The legs 12a, 12b may be expanded such that lids closer in size to the length of the major axis may also be gripped.

[0017] The legs 12a, 12b may have one or more bottle opener flanges 28a, 28b secured thereto and projecting outwardly from the aperture walls 24a. The flanges 28a, 28b of the legs 12a, 12b are positioned adjacent one another when the legs 12a, 12b are pivoted together to such that the combined flanges 28a and the combined flanges 28b each function as a conventional bottle opener flange suitable for opening bottles having crimped metal lids and the like.

[0018] In the illustrated embodiment, the flanges 28a, 28b are secured to the legs 12a, 12b near the edge of the aperture walls 24a. In this manner, the flanges 28a, 28b serve as stops, contacting the top of lids positioned between the legs 12a, 12b for gripping with the aperture walls 24a. A similar function may be provided by skirts 30 secured to the legs 12b

along the edges of the aperture walls 24b. The skirts 30 and flanges 28a, 28b facilitate positioning of the apertures 26a, 26b around lids by encouraging the apertures to align with the rim of the lid such that the area of the aperture walls 24a, 24b in contact with the lid is substantially at its greatest possible extent.

[0019] A projection 32 secures to one of the legs 12a, 12b and facilitates opening of pull tab containers, such as canned beverages. In the illustrated embodiment, the projection 32 is wedge shaped and secures at its wide end to the leg 12a such that it projects substantially tangentially from the outer surface 34 of the leg 12a. The outer surface 34 of the leg 12a and an outer surface 34 of the leg 12b may together form a single arc. In use, the projection 32 can be positioned under a pull tab of a can with the legs 12a, 12b resting on the can proximate the pivot 14. The legs 12a, 12b may then be pivoted on the outer surfaces 34 such the projection 32 lifts the pull tab.

[0020] Referring to FIGURE 3, while still referring to FIGURES 1, 2A, and 2B, the proximal and distal portions 22a, 22b of the first and second legs 12a, 12b are joined together at a junction 36. The junction 36 may include a gripping surface 38 such that the gripping surfaces of the legs 12a, 12b are in contact when the legs 12a, 12b are pivoted against one another. The gripping surface 38 may include texturing such as a series of parallel grooves and is typically formed of a gripping material such as a natural or synthetic rubber. The gripping surfaces 38 may be used to grip such things as safety seals secured to bottle openings in order to facilitate removal.

[0021] Referring to FIGURES 4 and 5, in one embodiment a blade 40 secures to the leg 12b, such as near a distal end 42 of the leg 12a, in order to cut open bags. In use, a bag is positioned between the distal end 42 of the leg 12a and a distal end 42 of the leg 12b. The distal ends 42 are pushed together and the bag is moved relative to the distal ends 42 such that the blade 40 cuts an opening in the bag.

[0022] In some embodiments, the blade 40 is positioned within a recess 44 formed near the distal end 42 of the leg 12b. The cutting edge of the blade 40 in such embodiments may be flush with, or below, the surface of the leg 12b. In such embodiments, a projection 46 may secure to the distal end 42 of the leg 12a and serve to press the bag against the blade 40. Recessed positioning of the blade 40 reduces the likelihood of injury through accidental contact and also hinders dulling of the blade 40 through contact with other cooking utensils in a storage drawer or dishwasher.

[0023] While the preferred embodiment of the invention has been illustrated and described, as noted above, many changes can be made without departing from the spirit and scope of the invention. Accordingly, the scope of the invention is not limited by the disclosure of the preferred embodiment. Instead, the invention should be determined entirely by reference to the claims that follow.

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. A container opening tool comprising:

first and second legs hingedly secured to one another, each leg comprising:

proximal and distal portions each having an inner aperture wall including a gripping material, the aperture walls of the proximal portions of the first and second legs positionable to form a proximal aperture and the aperture walls of the distal portions of the first and second legs positionable to form a distal aperture, the proximal and distal apertures having different sizes.

2. The container opening tool of claim 1 wherein the proximal portions have first and second ends, the proximal portions pivotally securing to one another proximate the first ends, the distal portions securing to the proximal portions proximate the second ends.

3. The container opening tool of claim 1, wherein the distal aperture is an elongate arcuate shape having a major axis substantially longer than the proximal aperture, the aperture walls forming the distal aperture contacting one proximate the major axis of the elongate arcuate shape.

4. The container opening tool of claim 1, wherein the proximal portions have first and second ends, each of the proximal portions comprising a metal flange secured proximate the first end and projecting away from the aperture wall, the metal flanges of the proximal portions being adjacent one another when the proximal portions are positioned to form the proximal aperture.

5. The container opening tool of claim 4, wherein the metal flanges are secured proximate the edge of the aperture walls.

6. The container opening tool of claim 1, wherein each of the proximal and distal portions comprise skirts secured along an edge of the aperture wall, the skirts of the proximal and distal portions defining a third aperture smaller than the distal aperture.

7. The container opening tool of claim 1, wherein the first and second legs each have distal and proximal ends, the first and second legs pivotally secured to one another proximate their proximal ends.

8. The container opening tool of claim 7, wherein the first and second legs each include a junction positioned between the proximal and distal ends, the junction joining the proximal and distal portions and comprising a gripping surface.

9. The container opening of tool of claim 8, wherein the gripping surface is planar and includes texturing.

10. The container opening tool of claim 7, wherein the second leg has a blade secured thereto proximate the distal end.

11. The container opening tool of claim 10, wherein the blade is positioned within a recess formed proximate the distal end of the second leg.

12. The container opening tool of claim 11, further comprising a projection formed on the distal end of the first leg and positionable proximate the blade.

13. The container opening tool of claim 1, wherein the first leg has an arcuate outer surface opposite the aperture wall, a projection secured to the outer surface and extending substantially tangentially from the outer surface.

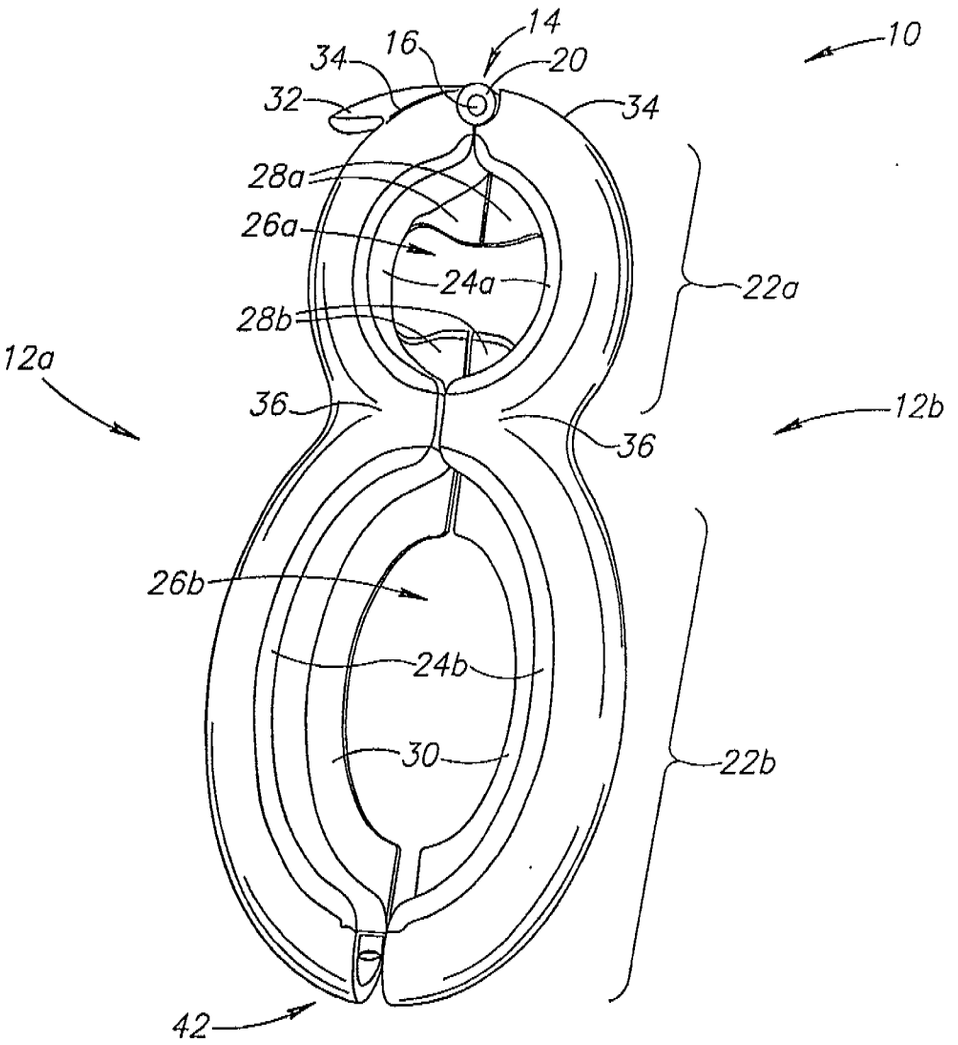

14
16
34
20
10
32
34
28a
26a
24a
22a
28b
12a
12b
36
36
26b
24b
30
22b
42

FIG.1

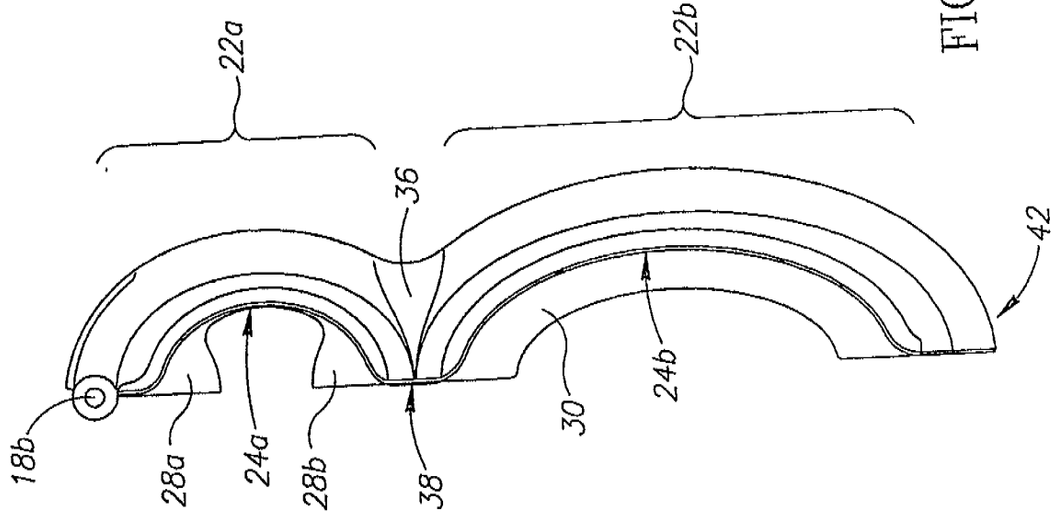

22a
22b
36
42
18b
28a
24a
28b
38
30
24b

FIG.2B

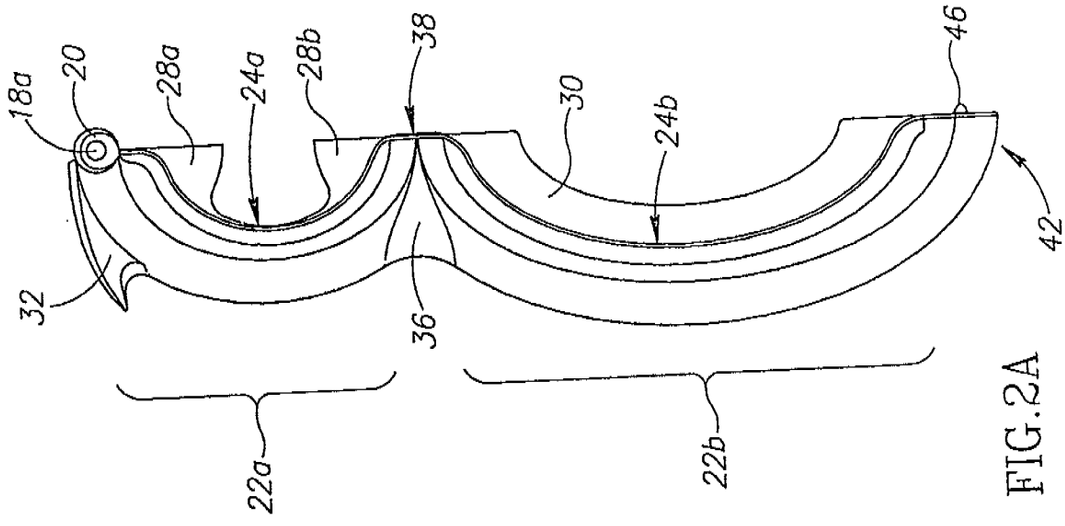

18a
20
28a
24a
28b
38
46
30
24b
42
32
36
22a
22b

FIG.2A

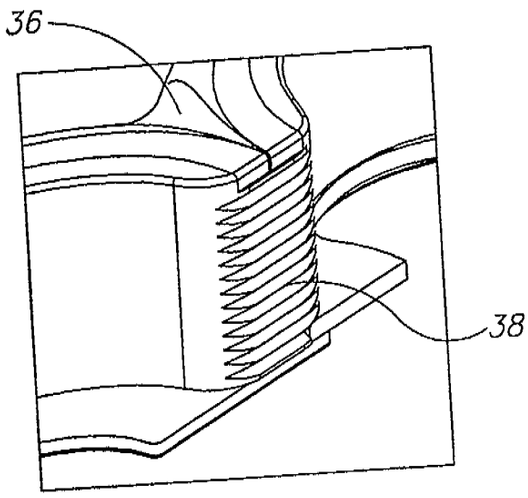


FIG.3

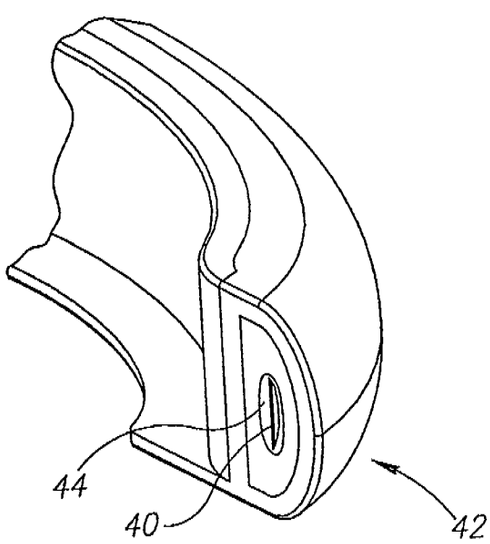


FIG.4

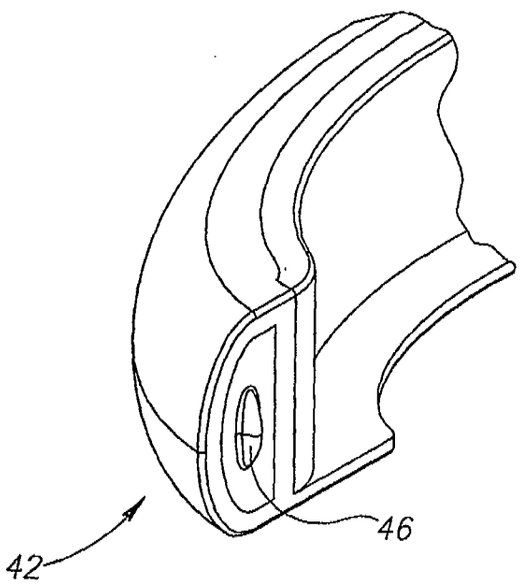


FIG.5

(12) SOLICITUD INTERNACIONAL PUBLICADA SEGÚN EL TRATADO DE COOPERACIÓN INTERNACIONAL EN MATERIA DE PATENTES (PCT)

(19) Organización Mundial de Propiedad Intelectual
Oficina Internacional

(43) Fecha de Publicación Internacional
28 de septiembre de 2006 (28.09.2006)

PCT

(10) Número de Publicación Internacional
WO 2006/102489 A2

(51) Clasificación Internacional de Patentes[7]: *B32B 3/10* (2006.01)

(21) No. Solicitud Internacional: PCT/US2006/010528

(22) Fecha de Presentación Internacional: 22 de marzo de 2006 (22.03.2006)

(25) Idioma de Presentación: Inglés

(26) Idioma de Publicación: Inglés

(30) Datos relativos a la Prioridad:
60/664,439 22 de marzo de 2005 (22.03.2005) US

(71) Solicitante *(para todos los países destinatarios con excepción de US)*: **PROGRESSIVE INTERNATIONAL CORPORATION** [US/US]; 6111 South 228th Street, Kent, WA 98032 (US)

(72) Inventores, e
(75) Inventores/Solicitantes *(para US únicamente)*: **KAPOSI, Sascha** [US/US]; 1105 North Oakes Street, Tacoma, WA 98406 (US).

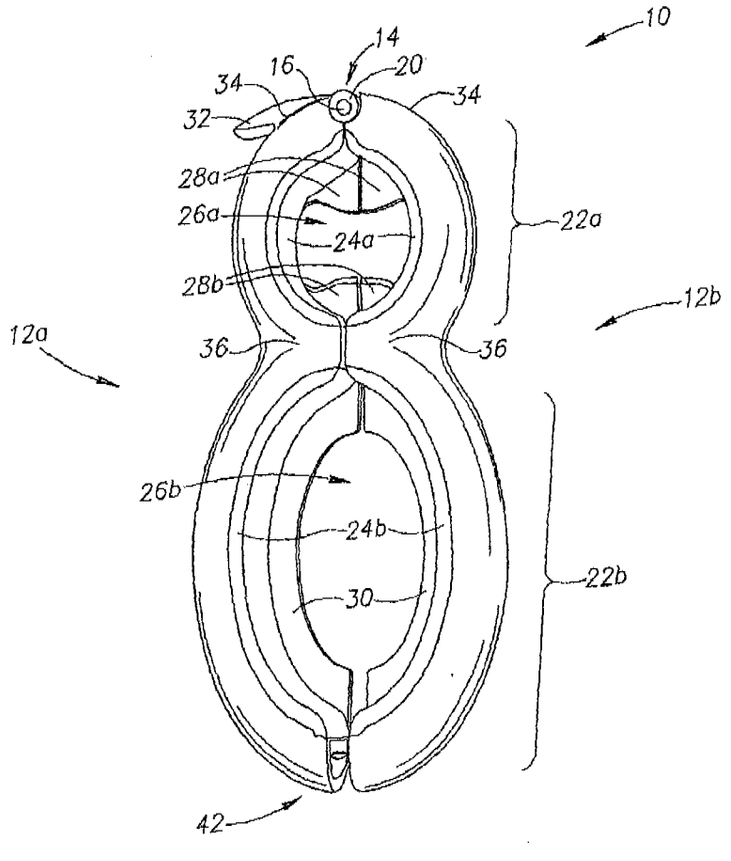
(74) Agentes: **PATE, Michael, G.**; Black Lowe & Graham, PLLC, 701 Fifth Avenue, Suite 4800, Seattle, WA 98104 (US).

(81) Países designados *(a menos que se indique lo contrario para cada clase de protección disponible)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Países designados *(a menos que se indique lo contrario para cada clase de protección disponible)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasiática (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Europea (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR,

[Continúa en la página siguiente]

(54) Título: DISPOSITIVO MULTI-ABRIDOR



(57) Extracto: Un utensilio abridor de envases incluye patas primera y segunda aseguradas articuladamente entre sí. Cada pata tiene porciones proximales y distales, cada una con una pared de abertura que incluye un material de agarre. Las paredes de abertura de las patas primera y segunda se pueden ajustar para formar aberturas proximales y distales. Las paredes de abertura de las porciones distales definen una abertura alargada, tal como un óvalo o una elipse. Pestañas destapadoras de botellas se aseguran a las patas primera y segunda y se proyectan dentro de la abertura proximal. Cuando las patas se giran una con otra, las pestañas se ubican adyacentes entre sí y funcionan como un solo destapador de botellas. Una cuchilla se asegura a la segunda pata cerca del extremo distal, ubicada en una cavidad formada cerca del extremo distal de la segunda pata. Una saliente se forma en el extremo distal de la primera pata y se puede ubicar cerca a la cuchilla para presionar una bolsa contra la cuchilla.

WO 2006/102489 A2

HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Publicado:

— *con informe internacional de búsqueda y a volverse a publicar al recibo de dicho informe*

Para códigos de dos letras y otras abreviaturas, remítase a las "Notas Guía sobre Códigos y Abreviaturas" que aparece al comienzo de cada edición regular del Boletín Oficial PCT.

DISPOSITIVO MULTI-ABRIDOR

INVENTOR

Sascha Kaposi

REIVINDICACIÓN DE PRIORIDAD

[0001] La presente solicitud reivindica el beneficio de la solicitud provisional serie No. 60/664,439, presentada el 22 de marzo de 2005, que se incorpora por la presente por referencia.

CAMPO DE LA INVENCIÓN

[0002] La presente invención se refiere generalmente a dispositivos abridores de envases, que comprenden en particular dispositivos capaces de abrir una variedad de envases, incluidas botellas, latas, frascos y bolsas.

ANTECEDENTES DE LA INVENCIÓN

[0003] Muchas botellas, latas y bolsas vienen herméticamente selladas y pueden ser difíciles de abrir. Un utensilio doméstico típico incluye una variedad de diferentes dispositivos para abrir, incluidos abre-latas, destapadores de botellas, tijeras y dispositivos especiales de agarre. Aunque cada uno de tales dispositivos puede ser útil para su propósito particular, sería mejor si un dispositivo único pudiera realizar la función de muchos dispositivos diferentes, eliminando la necesidad de varios dispositivos, que facilite al mismo tiempo funciones abridoras mejoradas.

SUMARIO DE LA INVENCIÓN

[0004] Un utensilio abridor de envases incluye patas primera y segunda, aseguradas articuladamente una con otra. Cada pata tiene porciones proximales y distales, cada una con una pared de abertura que incluye un material de agarre. Las paredes de abertura de las porciones proximales de las patas primera y segunda forman una abertura proximal, y las paredes de abertura de las porciones distales de las patas primera y segunda se pueden posicionar para formar una abertura distal. Las aberturas proximal y distal pueden tener diferentes tamaños y

configuraciones. En una incorporación, las paredes de abertura de las porciones distales definen una abertura alargada, tal como un óvalo o una elipse, contactándose entre sí las patas primera y segunda del eje mayor de la configuración alargada. Puede asegurarse una saliente a una superficie exterior arqueada, formada en la primera pata y proyectarse sustancialmente en forma tangencial desde la superficie exterior. La saliente es enganchable con las lengüetas destapadoras de envases, con el fin de levantar las lengüetas destapadoras luego de girar el utensilio abridor de envases en relación con el envase.

[0005] Pestañas destapadoras de botellas se aseguran a las patas primera y segunda y se proyectan dentro de la abertura proximal. Cuando las patas se pivotan a la vez, las pestañas se ubican adyacentes entre sí y funcionan como un solo destapador de botellas. Las pestañas destapadoras de botellas se aseguran a las patas en el borde de las paredes de abertura, de manera que pueda ubicarse una tapa dentro de la abertura proximal con las pestañas apoyándose sobre la tapa para contribuir a posicionar el utensilio abridor sobre la tapa. En forma análoga, se aseguran unos faldones a los bordes de las paredes de abertura de las porciones distales y proporcionan una superficie que engancha la parte superior de una tapa que se está abriendo.

[0006] Cada una de las patas primera y segunda incluye una conexión ubicada entre los extremos proximales y distales. Las conexiones unen las porciones proximales y distales e incluyen una superficie de agarre. Las superficies de agarre de las conexiones se ponen en contacto unas con otras cuando las patas se giran a la vez, con el fin de agarrar elementos tales como sellos de seguridad que cubren las bocas de los envases.

[0007] Una cuchilla se asegura a la segunda pata cerca del extremo distal. Los extremos distales de las patas se presionan entre sí alrededor de una bolsa y la bolsa se mueve en relación con la cuchilla con el fin de practicar una abertura en la bolsa. En una incorporación, la cuchilla se aloja en una cavidad formada cerca del extremo distal de la segunda pata. Una

saliente se forma en el extremo distal de la primera pata y puede localizarse cerca de la cuchilla para presionar una bolsa contra la cuchilla.

BREVE DESCRIPCIÓN DE LOS DIBUJOS

[0008] Incorporaciones preferidas y alternativas de la presente invención se describen en detalle a continuación con referencia a los siguientes dibujos.

[0009] FIGURA 1 es una vista en perspectiva de un utensilio abridor de envases, de acuerdo con una incorporación de la presente invención;

[0010] FIGURA 2A es una vista superior en planta de una primera pata del utensilio abridor de envases de FIGURA 1;

[0011] FIGURA 2B es una vista superior en planta de una segunda pata del utensilio abridor de envases de FIGURA 1;

[0012] FIGURA 3 es una vista en perspectiva de una superficie de agarre, de acuerdo con una incorporación de la presente invención;

[0013] FIGURA 4 es una vista en perspectiva de un extremo distal de la segunda pata con una cuchilla asegurada a él, de acuerdo con una incorporación de la presente invención; y

[0014] FIGURA 5 es una vista en perspectiva de un extremo distal de la primera pata con una proyección asegurada a él, de acuerdo con una incorporación de la presente invención.

DESCRIPCIÓN DETALLADA DE LA INCORPORACIÓN PREFERIDA

[0015] Con referencia a las FIGURAS 1, 2A, y 2B, un utensilio abridor de envases **10** incluye una primera pata **12a** y una segunda pata **12b** fijadas de modo que puedan girar entre sí mediante un pivote **14**. Las patas **12a**, **12b** se conforman de un material rígido tal como plástico, aluminio, acero, o similares. Asimismo, las patas **12a**, **12b** pueden tener una funda exterior hecha de caucho natural o sintético que brinde amortiguación y posibilidad de agarre al usuario. El pivote **14** puede incorporarse como un pasador **16** que se monta en los orificios **18a**, **18b** formados en las patas

12a, **12b**. El orificio **18a** en la pata **12a** puede integrarse en dos brazos **20** situados a cada lado de la porción de la pata **12b** con el orificio **18b** formado allí. Las patas **12a**, **12b** incluyen porciones proximales y distales **22a**, **22b** cada una con una pared de abertura **24a**, **24b**. Las paredes de abertura **24a**, **24b** de las patas **12a**, **12b** se ubican adyacentes entre sí para formar aberturas proximales y distales **26a**, **26b**.

[0016] Las paredes de abertura **24a**, **24b** pueden moldearse de un material anti-deslizante (***"a grippable material"***) de modo que las patas **12a**, **12b** puedan ajustarse alrededor de una tapa u otra estructura para facilitar la torsión. Las paredes de abertura **24a**, **24b** pueden moldearse de un material diferente al material que cubre otras partes del utensilio **10**, de modo que las paredes de abertura **24a**, **24b** se adapten mejor para agarrar tapas. En las incorporaciones ilustradas, las aberturas **26a**, **26b** son de diferentes tamaños para acomodar tapas de diferentes tamaños. La abertura **26b** puede incorporarse en una configuración arqueada y alargada, como un óvalo o una elipse, con el fin de que la misma abertura pueda agarrar fácilmente tapas de diferentes tamaños. Generalmente las paredes de abertura **24b** son porciones de la configuración alargada, formada dividiendo la configuración alargada a lo largo de su eje mayor. De esta manera, cuando las patas **12a**, **12b** se cierran, la longitud del eje menor de la configuración alargada es lo suficientemente pequeña para permitir que las patas **12a**, **12b** se cierren alrededor de tapas pequeñas. Las patas **12a**, **12b** pueden expandirse de modo que puedan agarrarse igualmente tapas más cercanas en tamaño a la longitud del eje mayor.

[0017] Las patas **12a**, **12b** pueden tener una o más pestañas de un destapador de botellas **28a**, **28b** aseguradas a ellas y que se proyectan hacia afuera de las paredes de abertura **24a**. Las pestañas **28a**, **28b** de las patas **12a**, **12b** se ubican adyacentes entre sí cuando las patas **12a**, **12b** se giran a la vez, de modo que las pestañas combinadas **28a** y las pestañas combinadas **28b** funcionen cada una como una pestaña de un destapador de botellas convencional, apropiado para destapar botellas con tapas metálicas corrugadas y similares.

[0018] En la incorporación ilustrada, las pestañas **28a**, **28b** se aseguran a las patas **12a**, **12b** cerca del borde de las paredes de abertura **24a**. De esta manera, las pestañas **28a**, **28b** sirven como topes, que contactan la parte superior de tapas ubicadas entre las patas **12a**, **12b** para agarre con las paredes de abertura **24a**. Una función similar puede cumplirse por los faldones **30**, asegurados a las patas **12b** a lo largo de los bordes de las paredes de abertura **24b**. Los faldones **30** y las pestañas **28a**, **28b** facilitan la ubicación de las aberturas **26a**, **26b** alrededor de tapas, facilitando la alineación de las aberturas con el reborde de la tapa, de modo que el área de las paredes de abertura **24a**, **24b** en contacto con la tapa se encuentre sustancialmente en su magnitud máxima posible.

[0019] Una saliente **32** se asegura a una de las patas **12a**, **12b** y facilita abrir envases con lengüeta destapadora, tales como bebidas enlatadas. En la incorporación ilustrada, la saliente **32** se configura en forma de cuña y se asegura en su extremo ancho a la pata **12a**, de modo que sobresalga sustancialmente en forma tangencial de la superficie exterior **34** de la pata **12a**. La superficie exterior **34** de la pata **12a** y la superficie exterior **34** de la pata **12b** pueden formar las dos un solo arco. En uso, la saliente **32** puede ponerse debajo de una lengüeta destapadora de una lata con las patas **12a**, **12b** apoyándose sobre la lata en proximidades del pivote **14**. Las patas **12a**, **12b** pueden girarse entonces sobre las superficies externas **34** de modo que la saliente **32** levante la lengüeta destapadora.

[0020] Con referencia a FIGURA 3, refiriéndose todavía a FIGURAS 1, 2A, y 2B, las porciones proximales y distales **22a**, **22b** de las patas primera y segunda **12a**, **12b** se unen en una conexión **36**. La conexión **36** puede incluir una superficie de agarre **38**, de modo que las superficies de agarre de las patas **12a**, **12b** estén en contacto cuando las patas **12a**, **12b** se giran a la vez. La superficie de agarre **38** puede incluir un texturizado tal como una serie de estrías paralelas y se conforma típicamente de un material de anti-deslizante, tal como caucho natural o sintético. Las superficies de agarre **38** pueden utilizarse para sujetar cosas tales como

sellos de seguridad asegurados a las bocas de las botellas, con el fin de facilitar su retiro.

[0021] Con referencia a FIGURAS 4 y 5, en una incorporación, una cuchilla **40** se asegura a la pata **12b**, tal como cerca de un extremo distal **42** de la pata **12a**, con el fin de abrir bolsas. En uso, se pone una bolsa entre el extremo distal **42** de la pata **12a** y un extremo distal **42** de la pata **12b**. Los extremos distales **42** se presionan entre sí y la bolsa se desplaza en relación con los extremos distales **42**, de modo que la cuchilla **40** haga una abertura en la bolsa.

[0022] En algunas incorporaciones, la cuchilla **40** se ubica en una cavidad **44** practicada cerca del extremo distal **42** de la pata **12b**. En tales incorporaciones, el filo cortante de la cuchilla **40** puede estar a ras con la superficie de la pata **12b** o debajo de ella. En tales incorporaciones, una saliente **46** puede asegurarse al extremo distal **42** de la pata **12a** y servir para presionar la bolsa contra la cuchilla **40**. La ubicación empotrada de la cuchilla **40** reduce la probabilidad de lesión por el contacto accidental e impide asimismo la mella de la cuchilla **40** por el contacto con otros utensilios de cocina en una gaveta o lavaplatos.

[0023] Aunque, como ya se anotó, se ha ilustrado y descrito la incorporación preferida de la invención, pueden introducirse muchos cambios sin apartarse del espíritu y el ámbito de la invención. En consecuencia, el ámbito de la invención no se limita por la divulgación de la incorporación preferida. Más bien, la invención debe determinarse totalmente por referencia a las reivindicaciones siguientes.

Las incorporaciones de la invención, en las cuales se reivindica una propiedad o privilegio exclusivos, se definen como sigue:

1. Un utensilio abridor de envases, que comprende:

patas primera y segunda aseguradas articuladamente entre sí, incluyendo cada pata:

porciones proximales y distales cada una de ellas con una pared de abertura interna que contiene un material anti-deslizante, pudiéndose ajustar las paredes de abertura de las porciones proximales de las patas primera y segunda para formar una abertura proximal, y pudiéndose ajustar las paredes de abertura de las porciones distales de las patas primera y segunda para formar una abertura distal, teniendo las aberturas proximales y distales tamaños diferentes.

2. El utensilio abridor de envases de la reivindicación 1 en donde las porciones proximales tienen extremos primeros y segundos, asegurándose las porciones proximales articuladamente unas con otras próximas a los extremos primeros, asegurándose las porciones distales a las porciones proximales próximas a los extremos segundos.

3. El utensilio abridor de envases de la reivindicación 1, en donde la abertura distal es una configuración arqueada y alargada con un eje mayor sustancialmente más largo que la abertura proximal, formando las paredes de abertura la abertura distal que contacta una próxima al eje mayor de la configuración arqueada y alargada.

4. El utensilio abridor de envases de la reivindicación 1, en donde las porciones proximales tienen extremos primeros y segundos, comprendiendo cada una de las porciones proximales una pestaña de metal asegurada próxima al primer extremo y proyectándose de la pared de abertura,

quedando adyacentes entre sí las pestañas de metal de las porciones proximales cuando las porciones proximales se ubican para formar la abertura proximal.

5. El utensilio abridor de envases de la reivindicación 4, en donde las pestañas de metal se aseguran próximas al borde de las paredes de abertura.

6. El utensilio abridor de envases de la reivindicación 1, en donde cada una de las porciones proximales y distales comprenden faldones asegurados a lo largo de un borde la pared de abertura, definiendo los faldones de las porciones proximales y distales una tercera abertura más pequeña que la abertura distal.

7. El utensilio abridor de envases de la reivindicación 1, en donde las patas primera y segunda tienen cada una extremos distales y proximales, asegurándose las patas primera y segunda entre sí con pivotamiento cerca de sus extremos proximales.

8. El utensilio abridor de envases de la reivindicación 7, en donde las patas primera y segunda incluyen, cada una, una conexión ubicada entre los extremos proximales y distales, uniendo la conexión las porciones proximales y distales y comprendiendo una superficie de agarre.

9. El utensilio abridor de envases de la reivindicación 8, en donde la superficie de agarre es plana e incluye un texturizado.

10. El utensilio abridor de envases de la reivindicación 7, en donde la segunda pata tiene una cuchilla asegurada a ella cerca del extremo distal.

11. El utensilio abridor de envases de la reivindicación 10, en donde la cuchilla se ubica en una cavidad formada próxima al extremo distal de la segunda pata.

12. El utensilio abridor de envases de la reivindicación 11, que comprende además una saliente formada en el extremo distal de la primera pata y que se ubica próxima a la cuchilla.

13. El utensilio abridor de envases de la reivindicación 1, en donde la primera pata tiene una superficie exterior arqueada, opuesta a la pared de abertura, una saliente asegurada a la superficie exterior y que se proyecta sustancialmente en forma tangencial de la superficie exterior.

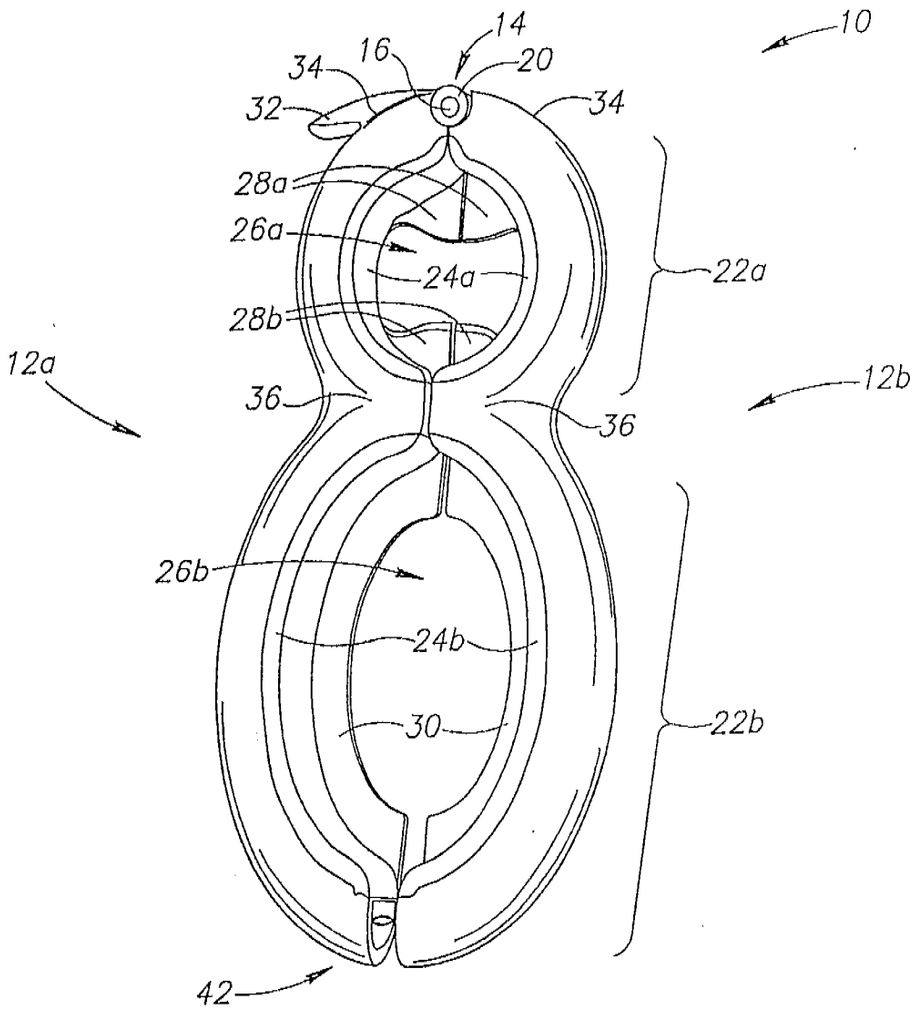

10
14
16
20
34
32
34
28a
26a
24a
22a
28b
12a
12b
36
36
26b
24b
30
22b
42

FIG.1

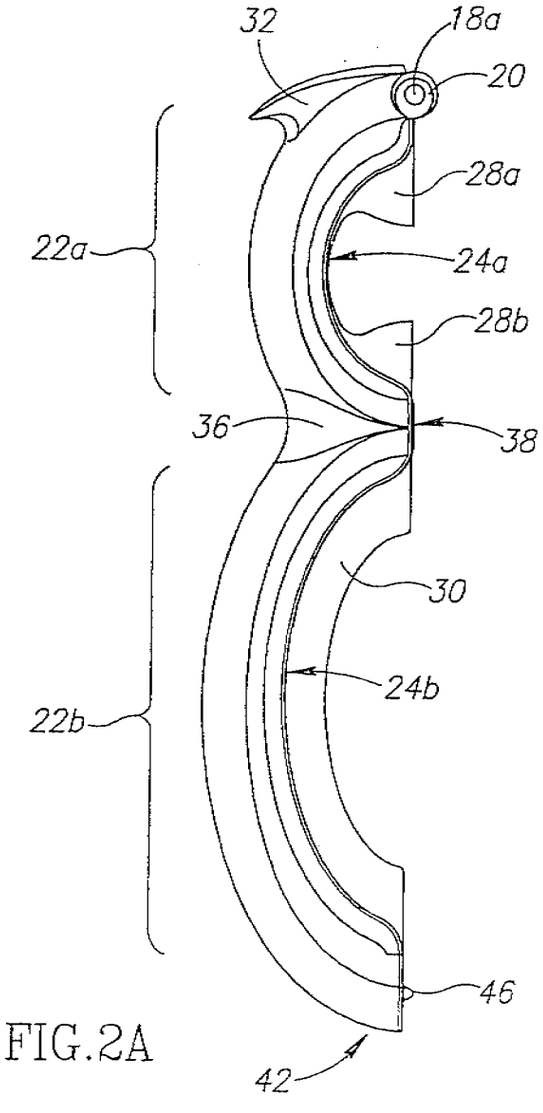

32
18a
20
28a
22a
24a
28b
36
38
30
24b
22b
46
42

FIG.2A

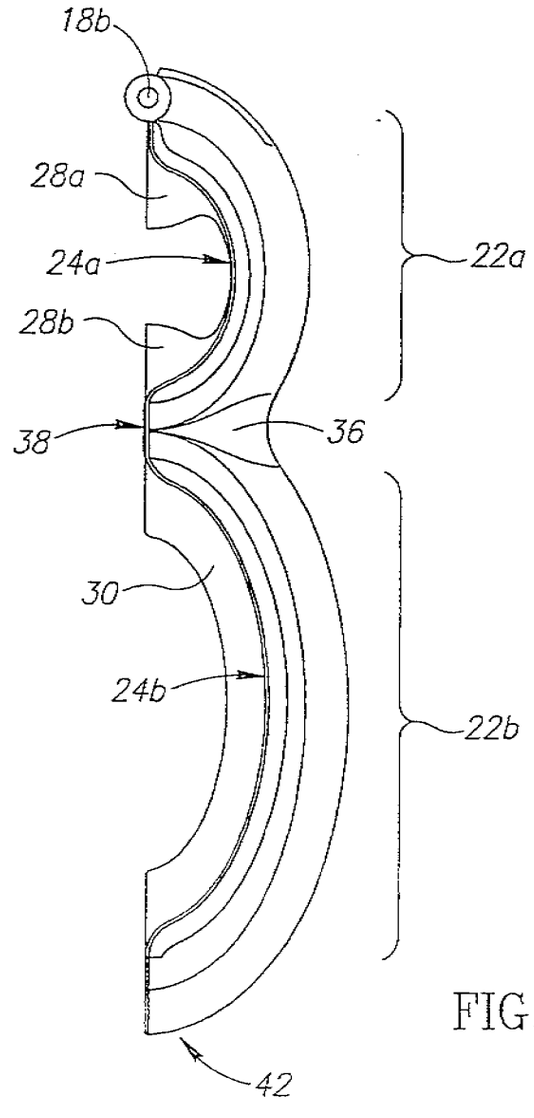

18b
28a
24a
22a
28b
38
36
30
24b
22b
42

FIG.2B

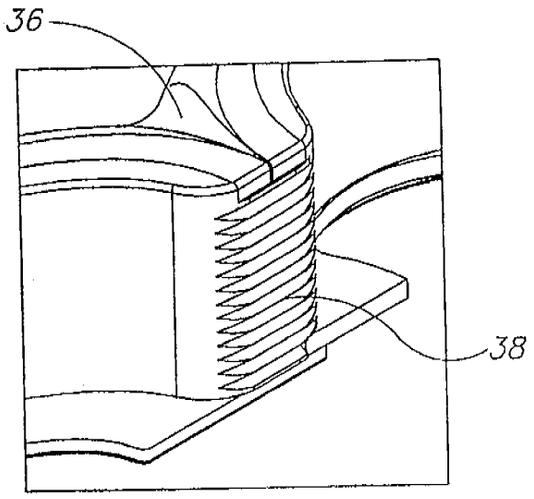


FIG.3

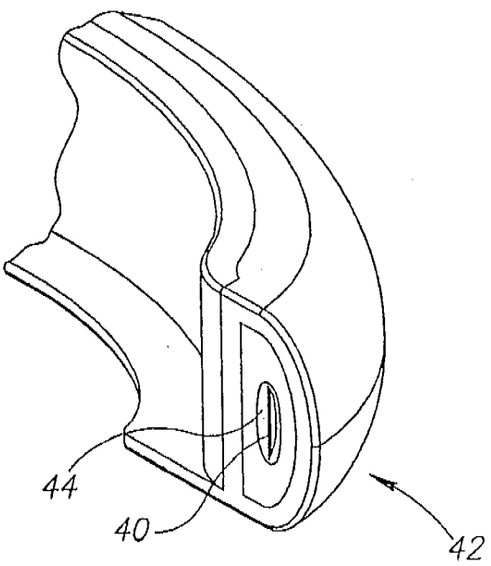


FIG.4

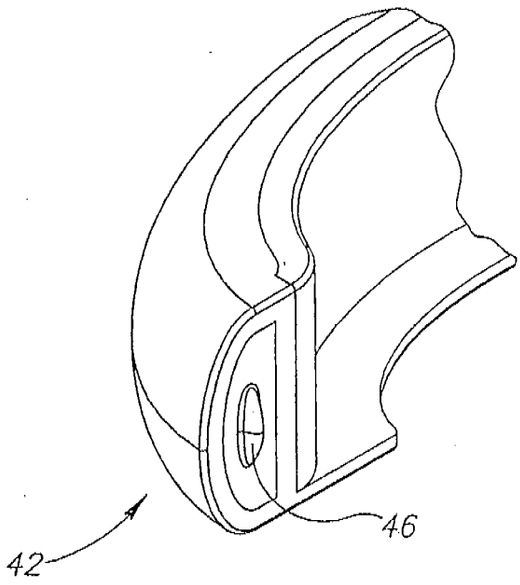


FIG.5

PCT

REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office use only

International Application No.

International Filing Date

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference *(if desired) (12 characters maximum)* PROG-11-1038

Box No. I TITLE OF INVENTION

MULTI-OPENER DEVICE

Box No. II APPLICANT ☐ This person is also inventor

Name and address: *(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)*

Progressive International Corporation
6111 South 228th Street
Kent, WA 98032

Telephone No. 253.458.3001

Facsimile No. 253.859.7541

Teleprinter No.

Applicant's registration No. with the Office

State *(that is, country)* of nationality: US

State *(that is, country)* of residence: US

This person is applicant for the purposes of: ☐ all designated States ☒ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)

Name and address: *(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)*

KAPOSI, Sascha
1105 North Oakes Street
Tacoma, Washington 98406
United States

This person is:
☐ applicant only
☒ applicant and inventor
☐ inventor only *(If this check-box is marked, do not fill in below.)*

Applicant's registration No. with the Office

State *(that is, country)* of nationality: US

State *(that is, country)* of residence: US

This person is applicant for the purposes of: ☐ all designated States ☐ all designated States except the United States of America ☒ the United States of America only ☐ the States indicated in the Supplemental Box

☐ Further applicant and/or (further) inventors are indicated on a continuation sheet.

Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE

The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: ☐ agent ☐ common representative

Name and address: *(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*

Michael G. Pate, Esq.
Black Lowe & Graham, PLLC
701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
United States

Telephone No. 206.381.3300

Facsimile No. 206.381.3301

Teleprinter No.

Agent's registration No. with the Office 53,439

☐ **Address for correspondence:** Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

Box No. V DESIGNATIONS

The filing of this request **constitutes under Rule 4.9(a), the designation** of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.

However,

☐ DE Germany **is not designated** for any kind of national protection

☐ KR Republic of Korea **is not designated** for any kind of national protection

☐ RU Russian Federation **is not designated** for any kind of national protection

(The check-boxes above may be used to exclude (irrevocably) the designations concerned in order to avoid the ceasing of the effect, under the national law, of an earlier national application from which priority is claimed. See the Notes to Box No. V as to the consequences of such national law provisions in these and certain other States.)

Box No. VI PRIORITY CLAIM

The priority of the following earlier application(s) is hereby claimed:

Filing date of earlier application *(day/month/year)*	Number of earlier application	Where earlier application is:		
		national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office
item (1) 22 March 2005	60/664,439	US		
item (2) 22 March 2006	(Pending)	US		
item (3)				

☐ Further priority claims are indicated in the Supplemental Box.

The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) *(only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office)* identified above as:

☒ all items ☐ item (1) ☐ item (2) ☐ item (3) ☐ other, see Supplemental Box

** Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)):* . . . .

Box No. VII INTERNATIONAL SEARCHING AUTHORITY

Choice of International Searching Authority (ISA) *(if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):*

ISA / US

Request to use results of earlier search; reference to that search *(if an earlier search has been carried out by or requested from the International Searching Authority):*

Date *(day/month/year)* Number Country *(or regional Office)*

Box No. VIII DECLARATIONS

The following **declarations** are contained in Boxes Nos. VIII (i) to (v) *(mark the applicable check-boxes below and indicate in the right column the number of each type of declaration)*:		Number of declarations
☐ Box No. VIII (i)	Declaration as to the identity of the inventor :	
☐ Box No. VIII (ii)	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent :	
☐ Box No. VIII (iii)	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application :	
☐ Box No. VIII (iv)	Declaration of inventorship (only for the purposes of the designation of the United States of America) :	
☐ Box No. VIII (v)	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty :	

Box No. IX CHECK LIST; LANGUAGE OF FILING

This international application **contains**:

(a) **in paper form**, the following number of sheets:

request (including declaration sheets)	:	3
description (excluding sequence listing and/or tables related thereto)	:	6
claims	:	2
abstract	:	1
drawings	:	4
Sub-total number of sheets	:	16
sequence listing	:	
tables related thereto	:	
(for both, actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see (c) below)		
Total number of sheets	:	16

(b) ☐ **only in computer readable form** (Section 801(a)(i))
- (i) ☐ sequence listing
- (ii) ☐ tables related thereto

(c) ☐ **also in computer readable form** (Section 801(a)(ii))
- (i) ☐ sequence listing
- (ii) ☐ tables related thereto

Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the
- ☐ sequence listing: . . . . . .
- ☐ tables related thereto: . . . . . .

(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)

This international application is **accompanied by** the following item(s) *(mark the applicable check-boxes below and indicate in right column the number of each item)*:

		Number of items
1. ☒ fee calculation sheet	:	1
2. ☐ original separate power of attorney	:	
3. ☐ original general power of attorney	:	
4. ☐ copy of general power of attorney; reference number, if any:	:	
5. ☐ statement explaining lack of signature	:	
6. ☐ priority document(s) identified in Box No. VI as item(s):	:	
7. ☐ translation of international application into *(language)*:	:	
8. ☐ separate indications concerning deposited microorganism or other biological material	:	
9. ☐ sequence listing in computer readable form *(indicate type and number of carriers)*		
(i) ☐ copy submitted for the purposes of international search under Rule 13*ter* only (and not as part of the international application)	:	
(ii) ☐ *(only where check-box (b)(i) or (c)(i) is marked in left column)* additional copies including, where applicable, the copy for the purposes of international search under Rule 13*ter*	:	
(iii) ☐ together with relevant statement as to the identity of the copy or copies with the sequence listing mentioned in left column	:	
10. ☐ tables in computer readable form related to sequence listing *(indicate type and number of carriers)*		
(i) ☐ copy submitted for the purposes of international search under Section 802(b-*quater*) only (and not as part of the international application)	:	
(ii) ☐ *(only where check-box (b)(ii) or (c)(ii) is marked in left column)* additional copies including, where applicable, the copy for the purposes of international search under Section 802(b-*quater*)	:	
(iii) ☐ together with relevant statement as to the identity of the copy or copies with the tables mentioned in left column	:	
11. ☒ other *(specify)*: Certificate of Mailing; Check; Postcard	:	3

Figure of the drawings which should accompany the abstract: 1	**Language of filing** of the international application: English

Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).

Michael G. Pate, Esq.
Reg. No. 53,439

For receiving Office use only

1. Date of actual receipt of the purported international application:	2. Drawings: ☐ received:
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:	
4. Date of timely receipt of the required corrections under PCT Article 11(2):	☐ not received:
5. International Searching Authority (if two or more are competent): ISA /	6. ☐ Transmittal of search copy delayed until search fee is paid

For International Bureau use only

Date of receipt of the record copy by the International Bureau:

This sheet is not part of and does not count as a sheet of the international application.

PCT

FEE CALCULATION SHEET

Annex to the Request

For receiving Office use only

International Application No.

Date stamp of the receiving Office

Applicant's or agent's file reference: PROG-11-1038

Applicant: PROGRESSIVE INTERNATIONAL CORPORATION

CALCULATION OF PRESCRIBED FEES

1. TRANSMITTAL FEE . . . . . 300.00 [T]

2. SEARCH FEE . . . . . 300.00 [S]

International search to be carried out by US

(If two or more International Searching Authorities are competent to carry out the international search, indicate the name of the Authority which is chosen to carry out the international search.)

3. INTERNATIONAL FILING FEE

Where items (b) and/or (c) of Box No. IX apply, enter **Sub-total number of sheets** / Where items (b) and (c) of Box No. IX do not apply, enter **Total number of sheets**: 16

[i1] first 30 sheets . . . . . 1,086.00 [i1]

[i2] 0 (number of sheets in excess of 30) x 0 (fee per sheet) = 0 [i2]

[i3] additional component (only if sequence listing and/or tables related thereto are filed in computer readable form under Section 801(a)(i), or both in that form and on paper, under Section 801(a)(ii)):

400 x _____ (fee per sheet) = 0 [i3]

Add amounts entered at i1, i2 and i3 and enter total at I . . . . 1,086.00 [I]

(Applicants from certain States are entitled to a reduction of 75% of the international filing fee. Where the applicant is (or all applicants are) so entitled, the total to be entered at I is 25% of the international filing fee.)

4. FEE FOR PRIORITY DOCUMENT *(if applicable)* . . . . . 20.00 [P]

5. TOTAL FEES PAYABLE . . . . . 1,706.00 TOTAL

Add amounts entered at T, S, I and P, and enter total in the TOTAL box

MODE OF PAYMENT

- ☐ authorization to charge deposit account (see below)
- ☐ postal money order
- ☐ cash
- ☐ coupons
- ☒ cheque
- ☐ bank draft
- ☐ revenue stamps
- ☐ other *(specify)*:

AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT ACCOUNT

(This mode of payment may not be available at all receiving Offices)

- ☐ Authorization to charge the total fees indicated above.
- ☒ *(This check-box may be marked only if the conditions for deposit accounts of the receiving Office so permit)* Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.
- ☐ Authorization to charge the fee for priority document.

Receiving Office: RO/ US

Deposit Account No.: 501050

Date: 22 March 2206

Name: Michael G. Pate

Signature: Michael G. Pate

See Notes to the fee calculation sheet

TRANSMITTAL LETTER TO THE UNITED STATES RECEIVING OFFICE

Date	22 March 2006
International Application No.	Pending
Attorney Docket No.	PROG-11-1038

I. Certification under 37 CFR 1.10 (if applicable)

EV 510321989 US	22 March 2006
Express Mail mailing number	Date of Deposit

I hereby certify that the application/correspondence attached hereto is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Assistant Commissioner for Patents, Washington, D.C. 20231.

	Wendy Saxby
Signature of person mailing correspondence	Typed or printed name of person mailing correspondence

II. ☑ New International Application

TITLE	MULTI-OPENER DEVICE	Earliest priority date (Day/Month/Year): 22 March 2005

SCREENING DISCLOSURE INFORMATION: In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign tranmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply):

A. ☐ The invention disclosed was **not** made in the United States.

B. ☐ There is no prior U.S. application relating to this invention.

C. ☑ The following prior U.S. application(s) contain subject matter which is related to the invention disclosed in the attached international application. *(NOTE: priority to these applications may or may not be claimed on form PCT/RO/101 (Request) and this listing does not constitute a claim for priority.)*

application no.	60/664,439	filed on	22 March 2005
application no.	Pending	filed on	22 March 2006

D. ☐ The present international application contains additional subject matter not found in the prior U.S. application(s) identified in paragraph C. above. The additional subject matter is found on pages _____ and ☐ **DOES NOT ALTER** ☐ **MIGHT BE CONSIDERED TO ALTER** the general nature of the invention in a manner which would require the U.S. application to have been made available for inspection by the appropriate defense agencies under 35 U.S.C. 181 and 37 CFR 5.1. See 37 CFR 5.15

III. ☐ A Response to an Invitation from the RO/US. The following document(s) is(are) enclosed:

A. ☐ A Request for An Extension of Time to File a Response

B. ☐ A Power of Attorney (General or Regular)

C. ☐ Replacement pages:

pages		of the request (PCT/RO/101)	pages		of the figures
pages		of the description	pages		of the abstract
pages		of the claims			

D. ☐ Submission of Priority Documents

Priority document		Priority document	

E. ☐ Fees as specified on attached Fee Calculation sheet form PCT/RO/101 annex

IV. ☐ A Request for Rectification under PCT 91 ☐ A Petition ☐ A Sequence Listing Diskette

V. ☑ Other (please specify):

PCT application (9 pgs), Drawings (4 sheets), Request (1 pg), Fee Calculation Sheet (1 pg); Certificate of Mailing; Check No. 16474 for $1,706; Return Receipt Postcard

The person signing this form is the:		
☐	Applicant	Michael G. Pate
☑	Attorney/Agent (Reg. No.) 53,439	Typed name of signer
☐	Common Representative	Signature

PTO-1382 (Rev. 08-1997) U.S. Department of Commerce: Patent and Trademark Office

MULTI-OPENER DEVICE

INVENTOR
Sascha Kaposi

PRIORITY CLAIM

[0001] This application claims the benefit of provisional application Serial No. 60/664,439, filed March 22, 2005, which is hereby incorporated by reference.

FIELD OF THE INVENTION

[0002] This invention relates generally to package opening devices, particularly including devices capable of opening a wide variety of packages, including bottles, cans, jars and bags.

BACKGROUND OF THE INVENTION

[0003] Many bottles, cans, and bags are tightly sealed and can be difficult to open. A typical household includes a variety of different devices for opening, including can openers, bottle openers, scissors, and special gripping devices. While each such device can be useful for its particular purpose, it would be better if a single device could perform the function of many different devices, eliminating the need for several devices while providing improved opening functions at the same time.

BLACK LOWE & GRAHAM PLLC
701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

SUMMARY OF THE INVENTION

[0004] A container opening tool includes first and second legs hingedly secured to one another. Each leg has proximal and distal portions each having an aperture wall including a gripping material. The aperture walls of the proximal portions of the first and second legs form a proximal aperture and the aperture walls of the distal portions of the first and second legs are positionable to form a distal aperture. The proximal and distal apertures may have differing sizes and shapes. In one embodiment, the aperture walls of the distal portions define an elongate aperture, such as an oval or ellipse, with the first and second legs contacting each other near the major axis of the elongate shape. A projection may secure to an arcuate outer surface formed on the first leg and extend substantially tangentially from the outer surface. The projection is engageable with pull tabs of containers in order to lift the pull tabs upon pivoting the container opening tool relative to the container.

[0005] Bottle opening flanges secure to the first and second legs and project into the proximal aperture. When the legs are pivoted together, the flanges are positioned adjacent one another and function as a single bottle opener. The bottle opening flanges secure to the legs at the edge of the aperture walls such that a lid can be positioned within the proximal aperture having the flanges resting on the lid to aid in positioning the opening tool on the lid. In a like manner, skirts secure to the edges of the aperture walls of the distal portions and provide a surface engaging the top of a lid being opened.

[0006] The first and second legs each include a junction positioned between the proximal and distal ends. The junctions join the proximal and distal portions and include a gripping surface. The gripping surfaces of the junctions are placed in contact with one another when the legs are pivoted together in order to grip items such as safety seals covering container openings.

[0007] A blade secures to the second leg near the distal end. The distal ends of the legs are pressed together around a bag and the bag moved relative to the blade in order to cut

BLACK LOWE & GRAHAM PLLC
701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

an opening in the bag. In one embodiment, the blade is positioned within a recess formed proximate the distal end of the second leg. A projection is formed on the distal end of the first leg and positionable proximate the blade to press a bag against the blade.

BRIEF DESCRIPTION OF THE DRAWINGS

[0008] Preferred and alternative embodiments of the present invention are described in detail below with reference to the following drawings.

[0009] FIGURE 1 is a perspective view of a container opening tool, in accordance with an embodiment of the present invention;

[0010] FIGURE 2A is a top plan view of a first leg of the container opening tool of FIGURE 1;

[0011] FIGURE 2B is a top plan view of a second leg of the container opening tool of FIGURE 1;

[0012] FIGURE 3 is a perspective view of a gripping surface, in accordance with an embodiment of the present invention;

[0013] FIGURE 4 is a perspective view of a distal end of the second leg having a blade secured thereto, in accordance with an embodiment of the present invention; and

[0014] FIGURE 5 is a perspective view of a distal end of the first leg having a projection secured thereto, in accordance with an embodiment of the present invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

[0015] Referring to FIGURES 1, 2A, and 2B, a container opening tool 10 includes a first leg 12a and a second leg 12b pivotally secured to one another by means of a pivot 14. The legs 12a, 12b are formed of a rigid material such as plastic, aluminum, steel, or the like. The legs 12a, 12b may also have an outer cover made of natural or synthetic rubber that provides cushioning and gripability to the user. The pivot 14 may be embodied as a pin 16 positionable within apertures 18a, 18b formed in the legs 12a, 12b. The aperture 18a in the leg 12a may be formed in two arms 20 positioned on either side of the portion of the leg 12b

BLACK LOWE & GRAHAM PLLC
701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

having the aperture 18b formed therein. The legs 12a, 12b include proximal and distal portions 22a, 22b each having an aperture wall 24a, 24b. The apertures walls 24a, 24b of the legs 12a, 12b are positionable adjacent one another to form proximal and distal apertures 26a, 26b.

[0016] The aperture walls 24a, 24b may be formed of a grippable material such that the legs 12a, 12b can be positioned around a lid or other structure to facilitate twisting. The aperture walls 24a, 24b may be formed of a material different than the material covering other parts of the tool 10 such that the aperture walls 24a, 24b are better suited for gripping lids. In the illustrated embodiments, the apertures 26a, 26b are of different sizes to accommodate differently sized lids. The aperture 26b may be embodied as an arcuate, elongate shape, such as an oval or ellipse, in order that the same aperture can readily grip lids of different sizes. The aperture walls 24b are typically portions of the elongate shape formed by dividing the elongate shape along its major axis. In this manner, when the legs 12a, 12b are closed, the length of the minor axis of the elongate shape is small enough to allow the legs 12a, 12b to close around small lids. The legs 12a, 12b may be expanded such that lids closer in size to the length of the major axis may also be gripped.

[0017] The legs 12a, 12b may have one or more bottle opener flanges 28a, 28b secured thereto and projecting outwardly from the aperture walls 24a. The flanges 28a, 28b of the legs 12a, 12b are positioned adjacent one another when the legs 12a, 12b are pivoted together to such that the combined flanges 28a and the combined flanges 28b each function as a conventional bottle opener flange suitable for opening bottles having crimped metal lids and the like.

[0018] In the illustrated embodiment, the flanges 28a, 28b are secured to the legs 12a, 12b near the edge of the aperture walls 24a. In this manner, the flanges 28a, 28b serve as stops, contacting the top of lids positioned between the legs 12a, 12b for gripping with the aperture walls 24a. A similar function may be provided by skirts 30 secured to the legs 12b

BLACK LOWE & GRAHAM PLLC
701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

along the edges of the aperture walls 24b. The skirts 30 and flanges 28a, 28b facilitate positioning of the apertures 26a, 26b around lids by encouraging the apertures to align with the rim of the lid such that the area of the aperture walls 24a, 24b in contact with the lid is substantially at its greatest possible extent.

[0019] A projection 32 secures to one of the legs 12a, 12b and facilitates opening of pull tab containers, such as canned beverages. In the illustrated embodiment, the projection 32 is wedge shaped and secures at its wide end to the leg 12a such that it projects substantially tangentially from the outer surface 34 of the leg 12a. The outer surface 34 of the leg 12a and an outer surface 34 of the leg 12b may together form a single arc. In use, the projection 32 can be positioned under a pull tab of a can with the legs 12a, 12b resting on the can proximate the pivot 14. The legs 12a, 12b may then be pivoted on the outer surfaces 34 such the projection 32 lifts the pull tab.

[0020] Referring to FIGURE 3, while still referring to FIGURES 1, 2A, and 2B, the proximal and distal portions 22a, 22b of the first and second legs 12a, 12b are joined together at a junction 36. The junction 36 may include a gripping surface 38 such that the gripping surfaces of the legs 12a, 12b are in contact when the legs 12a, 12b are pivoted against one another. The gripping surface 38 may include texturing such as a series of parallel grooves and is typically formed of a gripping material such as a natural or synthetic rubber. The gripping surfaces 38 may be used to grip such things as safety seals secured to bottle openings in order to facilitate removal.

[0021] Referring to FIGURES 4 and 5, in one embodiment a blade 40 secures to the leg 12b, such as near a distal end 42 of the leg 12a, in order to cut open bags. In use, a bag is positioned between the distal end 42 of the leg 12a and a distal end 42 of the leg 12b. The distal ends 42 are pushed together and the bag is moved relative to the distal ends 42 such that the blade 40 cuts an opening in the bag.

BLACK LOWE & GRAHAM PLLC
701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

[0022] In some embodiments, the blade 40 is positioned within a recess 44 formed near the distal end 42 of the leg 12b. The cutting edge of the blade 40 in such embodiments may be flush with, or below, the surface of the leg 12b. In such embodiments, a projection 46 may secure to the distal end 42 of the leg 12a and serve to press the bag against the blade 40. Recessed positioning of the blade 40 reduces the likelihood of injury through accidental contact and also hinders dulling of the blade 40 through contact with other cooking utensils in a storage drawer or dishwasher.

[0023] While the preferred embodiment of the invention has been illustrated and described, as noted above, many changes can be made without departing from the spirit and scope of the invention. Accordingly, the scope of the invention is not limited by the disclosure of the preferred embodiment. Instead, the invention should be determined entirely by reference to the claims that follow.

BLACK LOWE & GRAHAM PLLC
701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. A container opening tool comprising:

first and second legs hingedly secured to one another, each leg comprising:

proximal and distal portions each having an inner aperture wall including a gripping material, the aperture walls of the proximal portions of the first and second legs positionable to form a proximal aperture and the aperture walls of the distal portions of the first and second legs positionable to form a distal aperture, the proximal and distal apertures having different sizes.

2. The container opening tool of claim 1 wherein the proximal portions have first and second ends, the proximal portions pivotally securing to one another proximate the first ends, the distal portions securing to the proximal portions proximate the second ends.

3. The container opening tool of claim 1, wherein the distal aperture is an elongate arcuate shape having a major axis substantially longer than the proximal aperture, the aperture walls forming the distal aperture contacting one proximate the major axis of the elongate arcuate shape.

4. The container opening tool of claim 1, wherein the proximal portions have first and second ends, each of the proximal portions comprising a metal flange secured proximate the first end and projecting away from the aperture wall, the metal flanges of the proximal portions being adjacent one another when the proximal portions are positioned to form the proximal aperture.

BLACK LOWE & GRAHAM PLLC
701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

5. The container opening tool of claim 4, wherein the metal flanges are secured proximate the edge of the aperture walls.

6. The container opening tool of claim 1, wherein each of the proximal and distal portions comprise skirts secured along an edge of the aperture wall, the skirts of the proximal and distal portions defining a third aperture smaller than the distal aperture.

7. The container opening tool of claim 1, wherein the first and second legs each have distal and proximal ends, the first and second legs pivotally secured to one another proximate their proximal ends.

8. The container opening tool of claim 7, wherein the first and second legs each include a junction positioned between the proximal and distal ends, the junction joining the proximal and distal portions and comprising a gripping surface.

9. The container opening of tool of claim 8, wherein the gripping surface is planar and includes texturing.

10. The container opening tool of claim 7, wherein the second leg has a blade secured thereto proximate the distal end.

11. The container opening tool of claim 10, wherein the blade is positioned within a recess formed proximate the distal end of the second leg.

12. The container opening tool of claim 11, further comprising a projection formed on the distal end of the first leg and positionable proximate the blade.

13. The container opening tool of claim 1, wherein the first leg has an arcuate outer surface opposite the aperture wall, a projection secured to the outer surface and extending substantially tangentially from the outer surface.

BLACK LOWE & GRAHAM PLLC
701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

MULTI-OPENER TOOL

ABSTRACT OF THE DISCLOSURE

A container opening tool includes first and second legs hingedly secured to one another. Each leg has proximal and distal portions each having an aperture wall including a gripping material. The aperture walls form of the first and second legs are positionable to form proximal and distal apertures. The aperture walls of the distal portions define an elongate aperture, such as an oval or ellipse. Bottle opening flanges secure to the first and second legs and project into the proximal aperture. When the legs are pivoted together, the flanges are positioned adjacent one another and function as a single bottle opener. A blade secures to the second leg near the distal end positioned within a recess formed proximate the distal end of the second leg. A projection is formed on the distal end of the first leg and positionable proximate the blade to press a bag against the blade.

BLACK LOWE & GRAHAM PLLC

701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

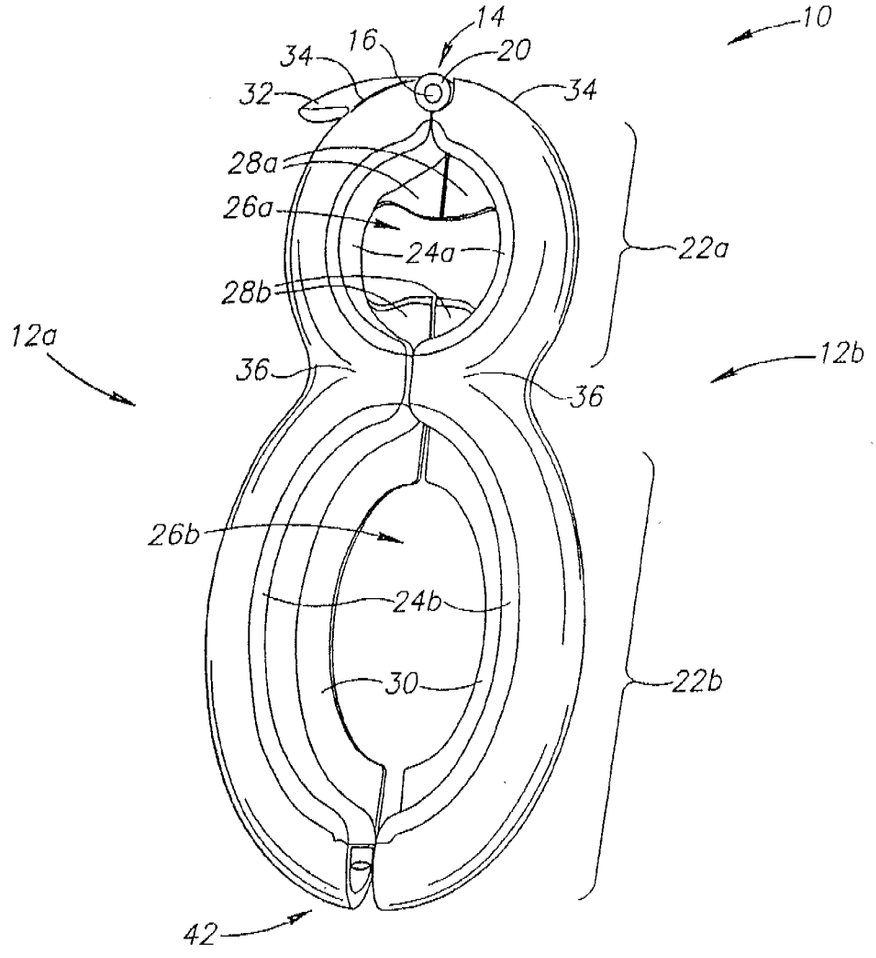

10
14
16
34
20
32
34
28a
26a
24a
22a
28b
12a
12b
36
36
26b
24b
30
22b
42

FIG.1

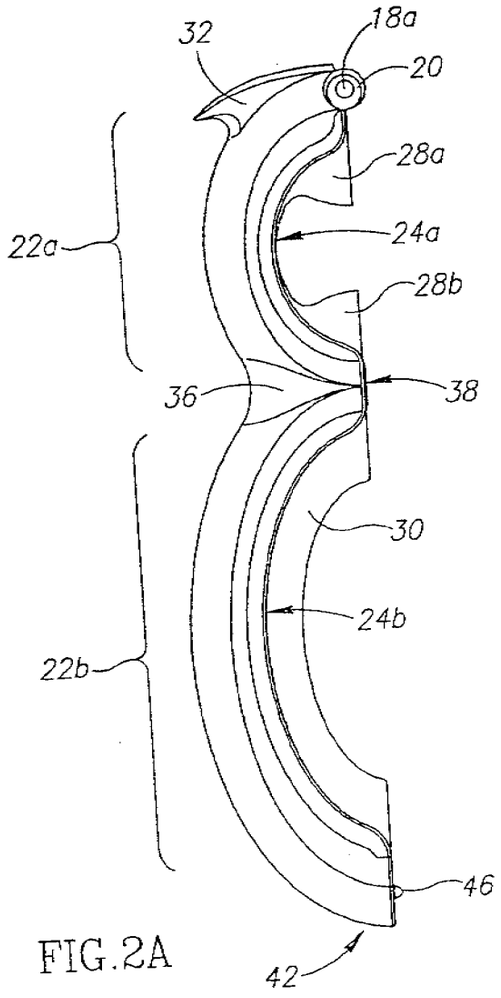

32
18a
20
28a
22a
24a
28b
36
38
30
24b
22b
46
42

FIG.2A

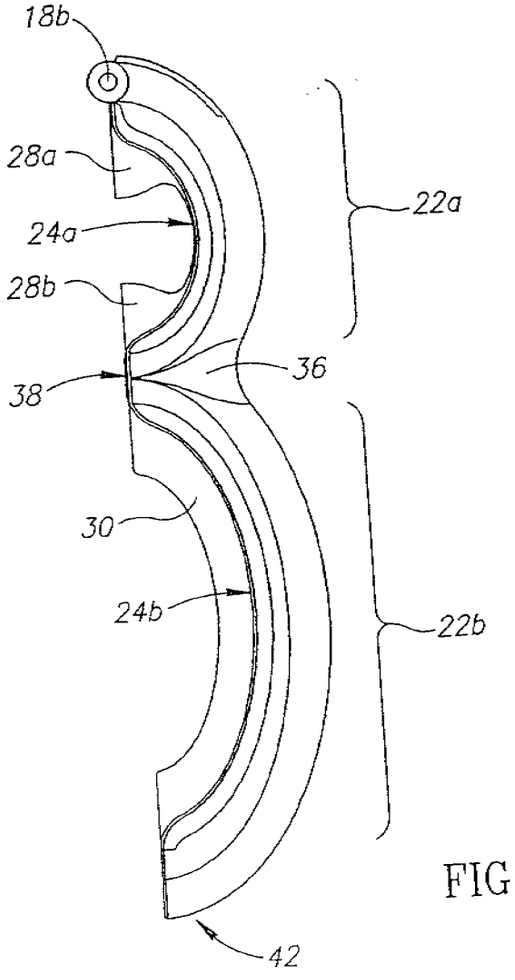

18b
28a
22a
24a
28b
36
38
30
24b
22b
42

FIG.2B

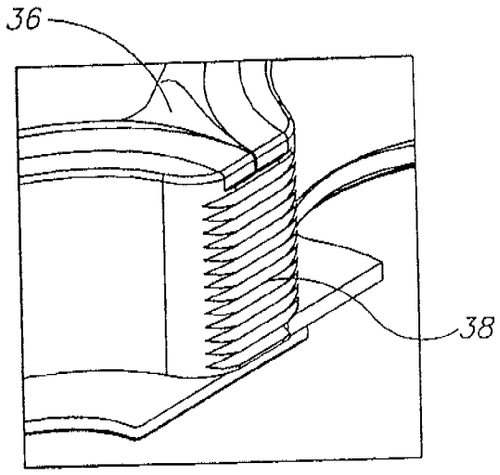


FIG.3

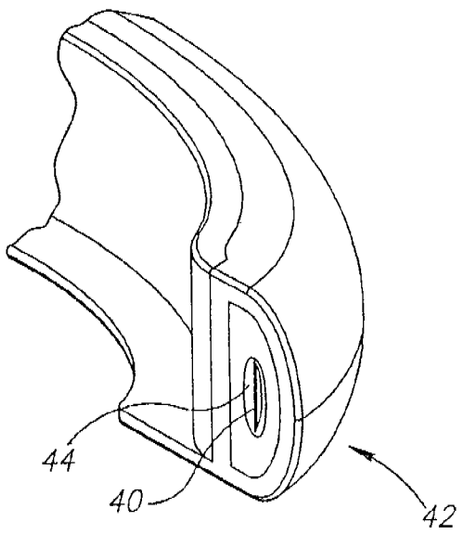


FIG.4

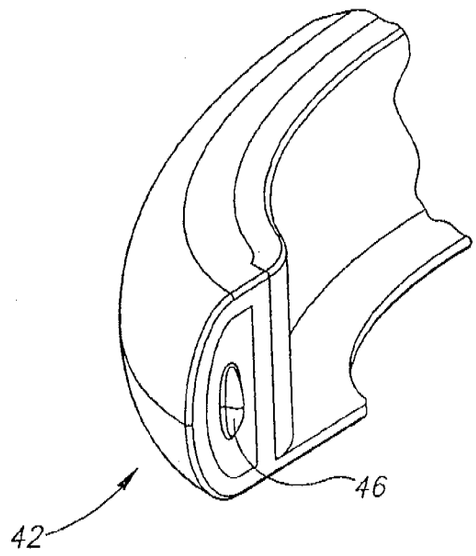


FIG.5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Sascha Kaposi	Attorney Docket No.	PROG-1-1174
Serial No.:	Pending	Group Art Unit:	—
Filing Date:	March 22, 2005	Examiner:	—
Title:	MULTI-OPENING DEVICE		

ASSIGNMENT

WHEREAS, I, Sascha Kaposi, residing at 1105 North Oakes Street, Tacoma, WA 98406, am the inventor named in the above-identified United States patent application;

AND, WHEREAS, Progressive International Corp., a Delaware corporation, having a principal address at 6111 South 228th Street, Kent, WA 98032 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title, and interest in and to the patent application and related inventions;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound, I hereby assign and transfer to ASSIGNEE the entire right, title, and interest in and to the patent application and related inventions, including all improvements, variations, derivations and inventive subject matter directly or indirectly related to the patent application and inventions, and all provisional or nonprovisional patent applications or issued patents that have been or may be granted thereon, including without limitation all reissues, divisions, continuations, continuations-in-part, and extensions of the patent applications or patents, or any other form of protection for the inventions related to the patent application, in the United States and foreign countries; all rights of action arising from the inventions and all applications and patents on the inventions; all claims for damages by reason of past and future infringement of the inventions and all applications and patents on the inventions, and the right to sue and collect damages for such infringement; all of the foregoing assigned rights to be held and enjoyed by the ASSIGNEE for its own use and

BLACK LOWE & GRAHAM PLLC
701 Fifth Avenue, Suite 4800
Seattle, Washington 98104

benefit and for its successors and assigns as the same would have been held by me had this assignment not been made.

I do hereby further agree and promise to execute all instruments and render all such assistance as ASSIGNEE may request in order to: make and prosecute any and all applications on the inventions, maintain and enforce any and all patents on the inventions, and confirm in ASSIGNEE legal title to the inventions and all applications and patents on the inventions in the United States and foreign countries, all without charge to ASSIGNEE but at no expense to me. In the event that ASSIGNEE is unable for any reason, after reasonable effort, to secure my signature on any document needed in connection with the actions specified in this paragraph, or to otherwise perfect in ASSIGNEE the entire right, title, and interest in and to the patent application and related inventions, I hereby irrevocably designate and appoint the ASSIGNEE and its duly authorized officers and agents as my agent and attorney-in-fact, to act for and in my behalf to execute, verify and file any such documents and to do all other lawfully permitted acts to further the purposes of this assignment with the same legal force and effect as if executed by me. I hereby waive and quitclaim to the ASSIGNEE any and all claims, of any nature whatsoever, which I now or may hereafter have for infringement of any proprietary rights assigned to the ASSIGNEE.

If any provision of this assignment is held by any court to be unenforceable, such provision shall be interpreted to accomplish the objectives of the original provision to the fullest extent allowed by law, and the remainder of this assignment shall remain in full force and effect.

BLACK LOWE & GRAHAM PLLC
701 Fifth Avenue, Suite 4800
Seattle, Washington 98104

EXECUTED at KENT (city), WA (state), on 3/16, 2005.

Sascha Kaposi

STATE OF WASHINGTON)
) ss.
COUNTY OF KING)

I certify that I know or have satisfactory evidence that Sascha Kaposi is the person who appeared before me and signed this instrument and acknowledged such signature to be a voluntary act for the purposes mentioned in the instrument.

Dated: 3/16/05

(Seal or stamp)

Signature
Printed Name: Pamela J. Harris
Notary Public
My appointment expires 12-19-06

BLACK LOWE & GRAHAM PLLC
701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO
No. 07-110403- -00000-0000
Fecha: 2007-10-19 16:38:05 Dep: 2020 NUEVA LACIONE
Tra: 11 PATENTES II Eve: 378 FASE NACIONALI
Act: 411 PRESENTACION Folios: 54

Industria y Comercio
SUPERINTENDENCIA

REQUISITOS MINIMOS PARA ADMISION A TRAMITE
PCT

PATENTE DE INVENCION [ ] MODELO DE UTILIDAD [ ]

- Indicación de que se solicita la concesión de una patente [ ]
- Datos de identificación del solicitante o de la persona que presenta la solicitud [ ]
- Descripción de la invención [ ]
- Dibujos de ser estos pertinentes [ ]
- Comprobante de pago de las tasas establecidas [ ]

COMPLETA [ ] INCOMPLETA [ ]

DISEÑO INDUSTRIAL [ ]

- Indicación de que se solicita el registro de Diseño Industrial [ ]
- Datos de identificación del solicitante o de la persona que presenta la solicitud [ ]
- Representación gráfica y fotográfica del Diseño Industrial o muestra del material que incorpora el diseño [ ]
- Comprobante de pago de las tasas establecidas [ ]

COMPLETA [ ] INCOMPLETA [ ]

ESQUEMA DE TRAZADO [ ]

- Indicación de que se solicita el registro de un Esquema de Trazado [ ]
- Datos de identificación del solicitante o de la persona que presenta la solicitud [ ]
- Representación gráfica del esquema trazado [ ]
- Comprobante de pago de las tasas establecidas [ ]

COMPLETA [ ] INCOMPLETA [ ]

Firma Responsable

Fecha_____

Carrera 13 No. 27-00 Piso 5, 7 y 10
Conmutador: 3 82 08 40
Fax: 350 52 20
E-mail: info@sic.gov.co
www.sic.gov.co
Bogotá, D.C., Colombia

REPUBLICA DE COLOMBIA
SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

Bogotá,
2020

Doctor(a)
CADENA SARMIENTO JUAN PABLO

REFERENCIA	Radicación No.	7 110403
	Solicitud internacional	PCT/US2006/010528
	Fecha inicio fase nacional	22/10/2007
	Trámite	11
	Evento	378
	Actuación	430
	Oficio No.	14684

Como resultado del examen de forma, realizado con fundamento en el artículo 38 de la Decisión 486 de la Comisión de la Comunidad Andina, artículo 27 del Tratado de Cooperación en Materia de Patentes (PCT), regla 51 bis del Reglamento y Circular Única de la Superintendencia de Industria y Comercio, se le comunica que:

1. La solicitud no contiene la copia del documento en que consta la cesión del derecho a la patente del inventor al solicitante o a su causante. (Art. 26-k) Decisión 486.

2. La solicitud no contiene el poder debidamente otorgado, con el lleno de los requisitos exigidos por los artículos 63 y subsiguientes del Código de Procedimiento Civil. Adicionalmente, deberá presentar el documento que acredita la existencia y representación legal de la sociedad solicitante, cuando ésta fuere persona jurídica.

En cumplimiento de lo dispuesto por el artículo 39 de la Decisión 486, se le requiere para que dentro del término de dos meses siguientes a la fecha de notificación del presente oficio, complete los requisitos anteriormente enunciados. En caso de no dar cumplimiento al presente requerimiento, la solicitud se considerará abandonada y perderá su prelación.

Notifíquese el presente oficio conforme a lo dispuesto en el numeral 5.2, literal e), del capítulo quinto del título primero de la Circular Unica No.10 de 2001.

ALIX CARMENZA CESPEDES DE VERGEL
Jefe de la división de Nuevas Creaciones

El anterior requerimiento fue notificado por fijación en lista de fecha_____
jfernand