



reddot award 2016
winner

Certificate

The award "Red Dot" for high design quality, expressing innovation in form and function in an exemplary manner, is presented to:

Bulletproof Tank Top

Miguel Caballero SAS
Cota (Cundinamarca), Colombia

In-house design
Carolina Ballesteros

Essen, 4 July 2016

David Andersen
Member of the jury
Copenhagen, Denmark

Datuk Prof. Jimmy Choo OBE
Member of the jury
Kuala Lumpur, Malaysia

Vivian Wai-kwan Cheng
Member of the jury
Hong Kong

Professor Dr Peter Zec
Founder Et CEO of Red Dot
Essen, Germany



BUSINESS ALLIANCE FOR SECURE COMMERCE

World BASC Organization

Certifies that:

Certifica que:

C.I.A. MIGUEL CABALLERO S.A.S.

Calle 80 Km. 1.5 Vía Siberia Parque Industrial La Florida Bod. 7 Costado Sur

Has been evaluated and approved in reference to BASC Standards Version 4-2012

RMS C-TPAT under the Standard: Exporter.

Scope: Design, Production, Maintenance and Commercialization of Personal Protection Products in Cota, Colombia.

Ha sido evaluada y aprobada con respecto a la Norma y Estándares BASC Versión 4-2012

RMS C-TPAT bajo el Estándar: Exportador.

Con el Alcance: Diseño, Producción, Comercialización y Mantenimiento de Productos de Protección Personal. Comercialización de Productos de Protección en Cota, Colombia.

This certificate is subject to the achievement of the International Security Standards of World BASC Organization in accordance with the certified company.

Esta aprobación está sujeta al cumplimiento de los Estándares Internacionales de Seguridad de World BASC Organization, en acuerdo con la empresa certificada.

Certification / Certificación N° COLBOG00674-1-5

Valid/ Expedición: Diciembre 8 de 2017

Expires/ Vencimiento: Diciembre 8 de 2018



Fernando Duque Izquierdo
Director Ejecutivo
World BASC Organization

Juan David Osorio Mejía
Presidente Nacional
BASC Colombia

Miguel Velásquez Olea
Director Ejecutivo
BASC Bogotá

Security Code WBO: **32572**



THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

ICONTEC has issued an IQNet recognized certificate that the organization:

C.I.A MIGUEL CABALLERO S.A.S.

Parque Industrial La Florida Bodega 7, Kilómetro 1.5 Cota, Cundinamarca, Colombia

Véase el alcance del sistema de gestión para cada una de las sedes diferentes a la sede principal cubiertas por la certificación en el anexo

has implemented and maintains a

Quality Management System

for the following scope:

Diseño, producción, comercialización y mantenimiento de productos de protección personal.

Comercialización de productos de protección

Design, production, comercialization and maintenance of personal protection products.

Comercialization of protection products

which fulfils the requirements of the following standard

ISO 9001:2015

Issued on: 2008 08 13

Expires on: 2021 03 08

This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document

Registration Number: CO-SC6571-1



Michael Drechsel
President of IQNet

Roberto Enrique Montoya Villa
Executive Director of ICONTEC



icontec
internacional

IQNet Partners*:

AENOR Spain AFNOR Certification France AIB-Vinçotte International Belgium APCER Portugal CCC Cyprus
CISQ Italy CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany
FCAV Brazil FONDONORMA Venezuela ICONTEC Colombia IMNC Mexico Inspecta Certification Finland INTECO Costa Rica
IRAM Argentina JQA Japan KFQ Korea MIRTEC Greece MSZT Hungary Nemko AS Norway NSAI Ireland PCBC Poland
Quality Austria Austria RR Russia SIGE Mexico SII Israel SIO Slovenia SIRIM OAS International Malaysia



ICONTEC Certifica que el Sistema de Gestión de la organización:
ICONTEC certifies that the Organization's Management System of:

C.I.A MIGUEL CABALLERO S.A.S.

Parque Industrial La Florida Bodega 7, Kilómetro 1.5 Cota, Cundinamarca, Colombia
Véase el alcance del sistema de gestión para cada una de las sedes diferentes a la sede principal
cubiertas por la certificación en el anexo

ha sido auditado y aprobado con respecto a los requisitos especificados en:
has been audited and approved based on the specified requirements of:

ISO 9001:2015

Este Certificado es aplicable al siguiente alcance:
This certificate is applicable to the following scope:

**Diseño, producción, comercialización y
mantenimiento de productos de protección personal.**

Comercialización de productos de protección

**Design, production, commercialization and
maintenance of personal protection products.**

Commercialization of protection products

Esta aprobación está sujeta a que el sistema de gestión se mantenga de acuerdo con los
requisitos especificados, lo cual será verificado por ICONTEC

This approval is subject to the maintenance of the management system according to the
specified requirements, which will be verified by ICONTEC

Certificado: SC6571-1
Certificate

Fecha de Aprobación: 2008 08 13
Approval Date:

Fecha Última Modificación: 2018 03 09
Last Modification Date

Fecha de Vencimiento: 2021 03 08
Expiration Date

Fecha de Restauración:
Restoration Date



C.I.A. MIGUEL CABALLERO S.A.S.

Entidad Contratante: Km. 1.5 Via Siberia Parque Industrial La Florida Bodega 7
Cota, Cundinamarca, Colombia

Este es un certificado Multi-Sitio, el(los) sitio(s) adicional(es) se lista(n) en la(s) siguiente(s) página(s)

BVQI Colombia Ltda. certifica que el Sistema de Gestión de la organización ha sido auditado y se ha encontrado conforme con los requerimientos de las normas de Sistema de Gestión que se detallan a continuación

ISO 14001:2015

Alcance de la Certificación

DISEÑO, PRODUCCIÓN, COMERCIALIZACIÓN Y MANTENIMIENTO DE PRODUCTOS DE PROTECCIÓN PERSONAL (ARAMIDA - TEXTIL).

<i>Fecha Original de Inicio de la Certificación:</i>	26 Marzo 2015
<i>Fecha de Vencimiento del Ciclo Previo:</i>	25 Marzo 2018
<i>Fecha de Auditoría de Recertificación:</i>	12 Marzo 2018
<i>Fecha de Inicio del ciclo de Certificación:</i>	28 Mayo 2018

Sujeto a la continua y satisfactoria operación del Sistema de Gestión de la organización, este certificado vence el: 25 Marzo 2021

Certificado No. CO18.01449 Versión: No. 0 Fecha de Revisión: 28 Mayo 2018


Alexander Toro Montoya
BVQI Colombia LTDA.



Dirección del Organismo de Certificación: BVQI Colombia Ltda. Calle 72 No 7-82 Piso 3 Edificio Acciones & Valores Bogotá D.C. Colombia.

Cualquier aclaración adicional relativa al alcance de este certificado y a la aplicabilidad de los requerimientos del Sistema de Gestión, puede obtenerse consultando a la organización.

Para comprobar la validez de este certificado por favor llamar al +57 (1) 3129191





U.S. Department of Justice

Office of Justice Programs

National Institute of Justice

Washington, D.C. 20530

NIJ Notice of Compliance

September 07, 2017

Carolina Ballesteros
C.I.A. MIGUEL CABALLERO S.A.S.
Parque Industrial La Florida, Km 1.5 Via Siberia
Cota, Cundinamarca
Colombia

Model Designation:	NTMD II
Product Type:	Ballistic Resistant Body Armor
Standard:	NIJ Standard 0101.06
Classification:	II
Shot to Edge Distance T1:	2 inch
Shot to Edge Distance T2:	N/A
Maximum and Minimum Sizes Tested:	N/A - N/A
Test Identification Number(s):	MC02875

Dear Carolina Ballesteros:

The National Institute of Justice (NIJ) has completed its evaluation of the documentation and test items representing the model identified above and determined that this product model complies with the applicable requirements.

This letter authorizes the applicant to begin applying the NIJ Mark to this model in accordance with the terms of the NIJ Compliance Testing Program Applicant Agreement.

Authorization to apply the NIJ Mark may be withdrawn by NIJ at any time in accordance with the NIJ Compliance Testing Program Applicant Agreement. End users are advised to confirm the model's current status on the NIJ Compliant Products List available at www.justnet.org/CTP.

This document may only be copied in its entirety without modification.

Sincerely,

Senior Law Enforcement Program Manager
US Department of Justice
OJP/NIJ/OST/Operational Technologies Division



U.S. Department of Justice

Office of Justice Programs

National Institute of Justice

Washington, D.C. 20530

April 11, 2016

Miguel Angel Caballero
CEO
C.I.A Miguel Caballero S.A.S
Parque Industrial La Florida, Kilometro 1.5 Via Siberia, Cota
Cundinamarca, Colombia

Notice of Compliance with NIJ Standard-0101.06

Body Armor Model Designation: NTMD-0028-A7

NIJ Compliance Status Expires: April 11, 2021

Dear Mr. Caballero:

We have completed our evaluation of the body armor model identified above that was submitted to the National Institute of Justice's (NIJ's) Voluntary Body Armor Compliance Testing Program. We are pleased to inform you that the above body armor model satisfies the requirements of NIJ Standard-0101.06 and the Compliance Testing Program.

We also received your completed declaration concerning the model noted above and your agreement to participate in the conformity assessment follow-up process.

The body armor model details are listed on the NIJ Compliant Products List available at www.justnet.org/CTP.

You are now authorized to place the NIJ Statement of Compliance on the labels of this body armor model and all subsequent production units. The Statement of Compliance shall read:

"This model of armor has been determined to comply with NIJ Standard-0101.06 by the NIJ Compliance Testing Program and is listed on the NIJ Compliant Products List."

All compliance requirements, as identified by the *NIJ Body Armor Compliance Testing Program Administrative Manual* and the *Ballistic Body Armor Applicant Package*, must be maintained as long as the NIJ Statement of Compliance is displayed on this armor model's labels. If, at any time, the compliance status of this armor model is changed, the NIJ Statement of Compliance shall cease to be used as of the date of the status change.

Sincerely,

Michael K. O'Shea
Senior Law Enforcement Program Manager
US Department of Justice
OJP/NIJ/OST/Operational Technologies Division

JULIO HERNANDO GONZALEZ
REPRESENTANTE LEGAL
C.C. No. 79.486.987 de Bogotá
C.I.A MIGUEL CABALLERO S.A.S



DILIGENCIA DE PRESENTACIÓN Y RECONOCIMIENTO

NOTARIA SETENTA Y TRES DEL CIRCULO DE BOGOTÁ

LA NOTARIA 73 DE BOGOTÁ HACE CONSTAR QUE EL PRESENTE DOCUMENTO FUE PRESENTADO PERSONALMENTE POR GONZALEZ GONZALEZ JULIO HERNANDO, QUIEN EXHIBIÓ LA C.C.79486987 Y TARJETA No. **** C.S.J. Y DECLARÓ QUE LA FIRMA Y HUELLA QUE APARECE EN EL PRESENTE DOCUMENTO SON SUYAS Y QUE EL CONTENIDO DEL MISMO ES CIERTO.

mércoles, 21 de junio de 2017
BOGOTÁ D.C.



J. Gonzalez
Bdc



US 20140201878A1

(19) **United States**

(12) **Patent Application Publication**
Ballesteros Casas

(10) **Pub. No.: US 2014/0201878 A1**

(43) **Pub. Date: Jul. 24, 2014**

(54) **ARMORED SHIRT**

Publication Classification

(71) Applicant: **Comercializadora Internacional
Grupo Miguel Caballero S.A.S.,
Bogota (CO)**

(51) **Int. Cl.**
F41H 1/02 (2006.01)

(72) Inventor: **Carolina Ballesteros Casas, Bogota
(CO)**

(52) **U.S. Cl.**
CPC **F41H 1/02** (2013.01)
USPC **2/2.5**

(21) Appl. No.: **13/916,289**

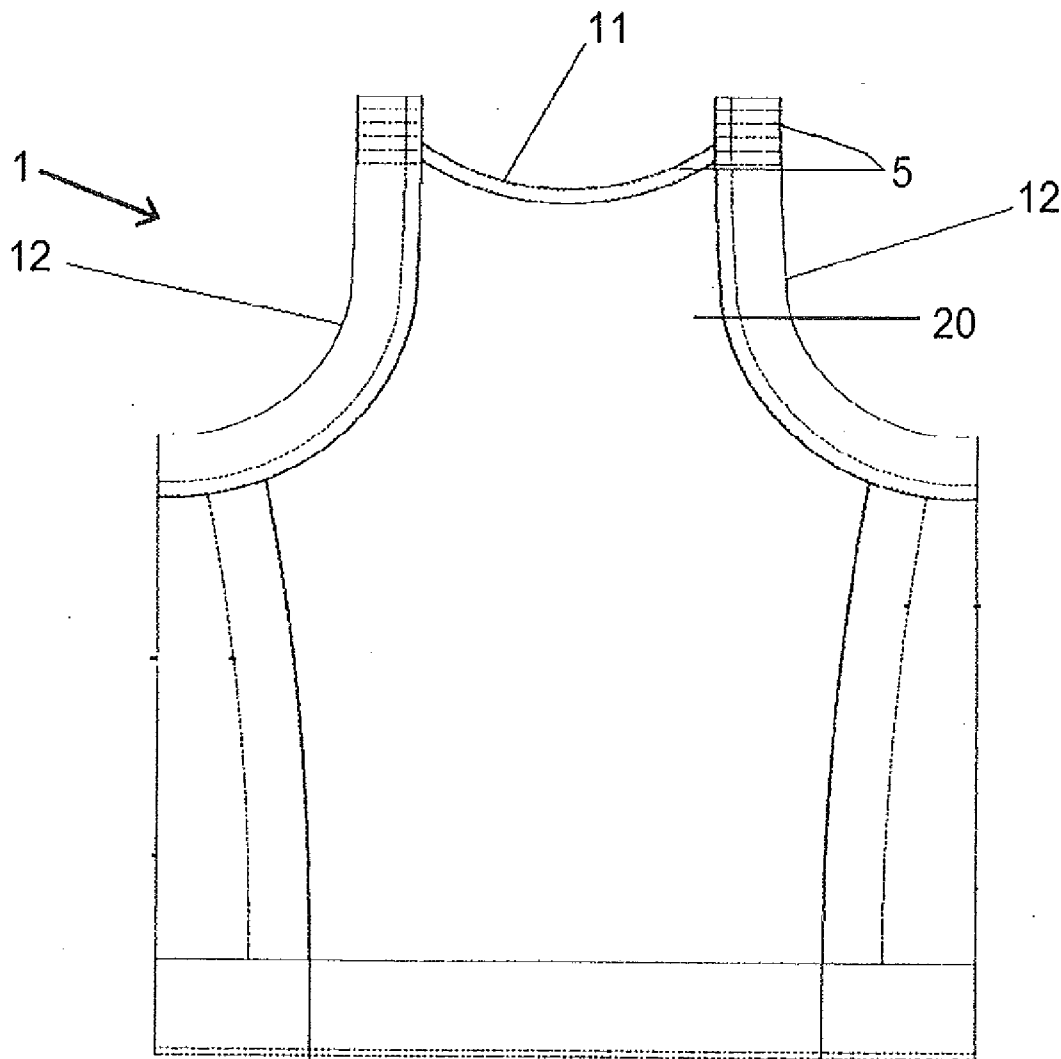
(22) Filed: **Jun. 12, 2013**

(30) **Foreign Application Priority Data**

Jun. 12, 2012 (CO) 12-98329

(57) **ABSTRACT**

A shirt of armor is provided. In some embodiments, the shirt is a t-shirt that includes a front portion and a back portion, the front portion having an outside fabric layer portion and an inside fabric layer portion, sewn together on their lower and side parts, and the back portion having an outside fabric layer portion and inside layer portion, sewn together on their lower and side parts. The shirt also includes openings for the neck and arms, and further includes armor panels inserted in the front and back portions.



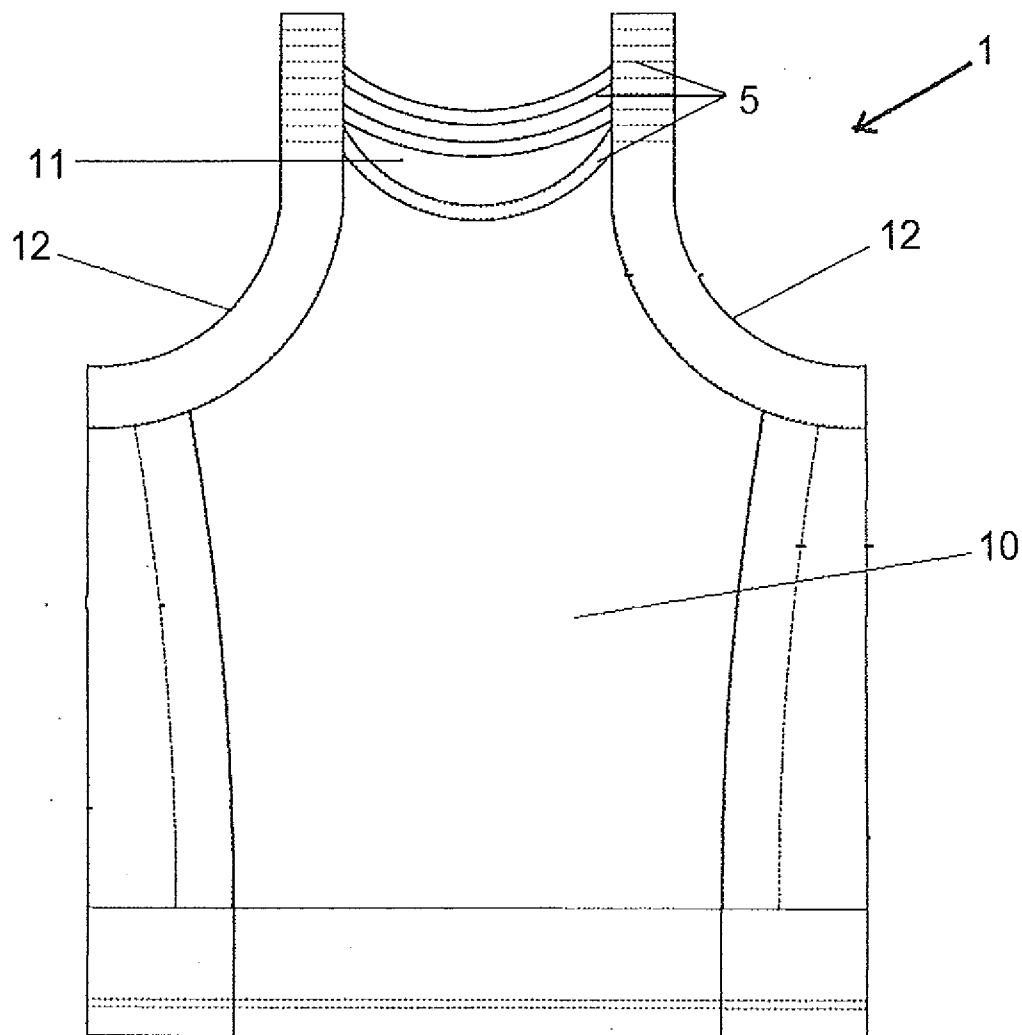


Fig. 1

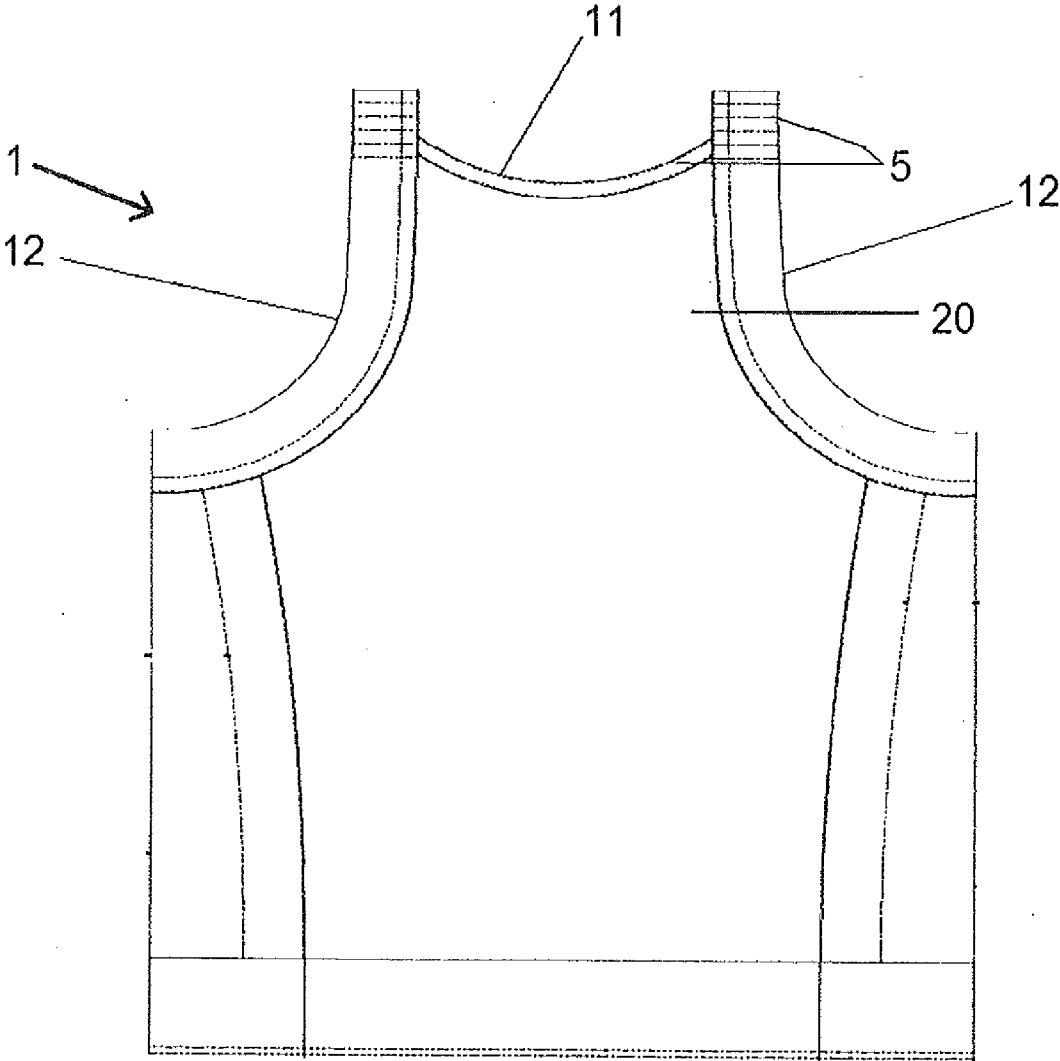


FIG. 2

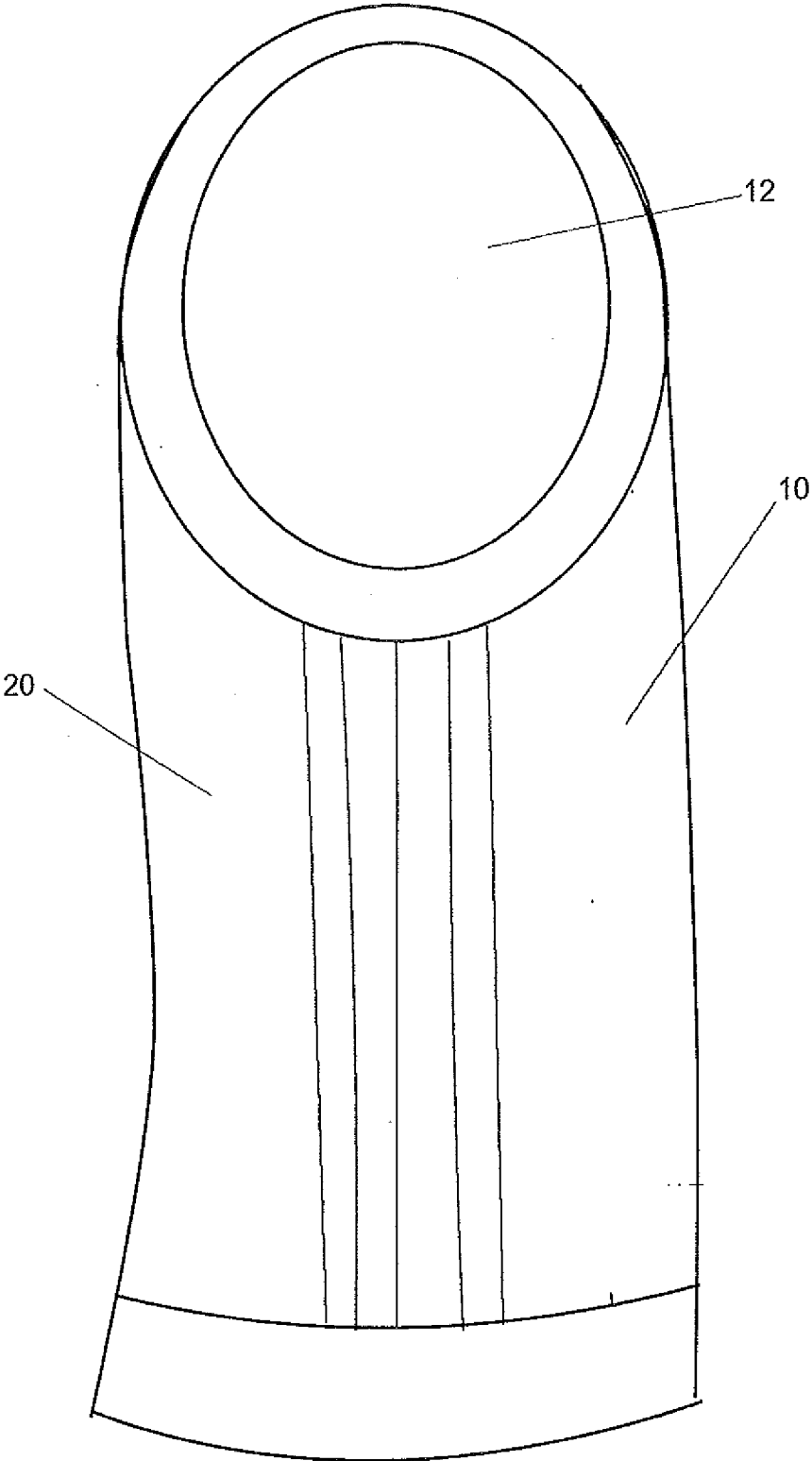


FIG. 3

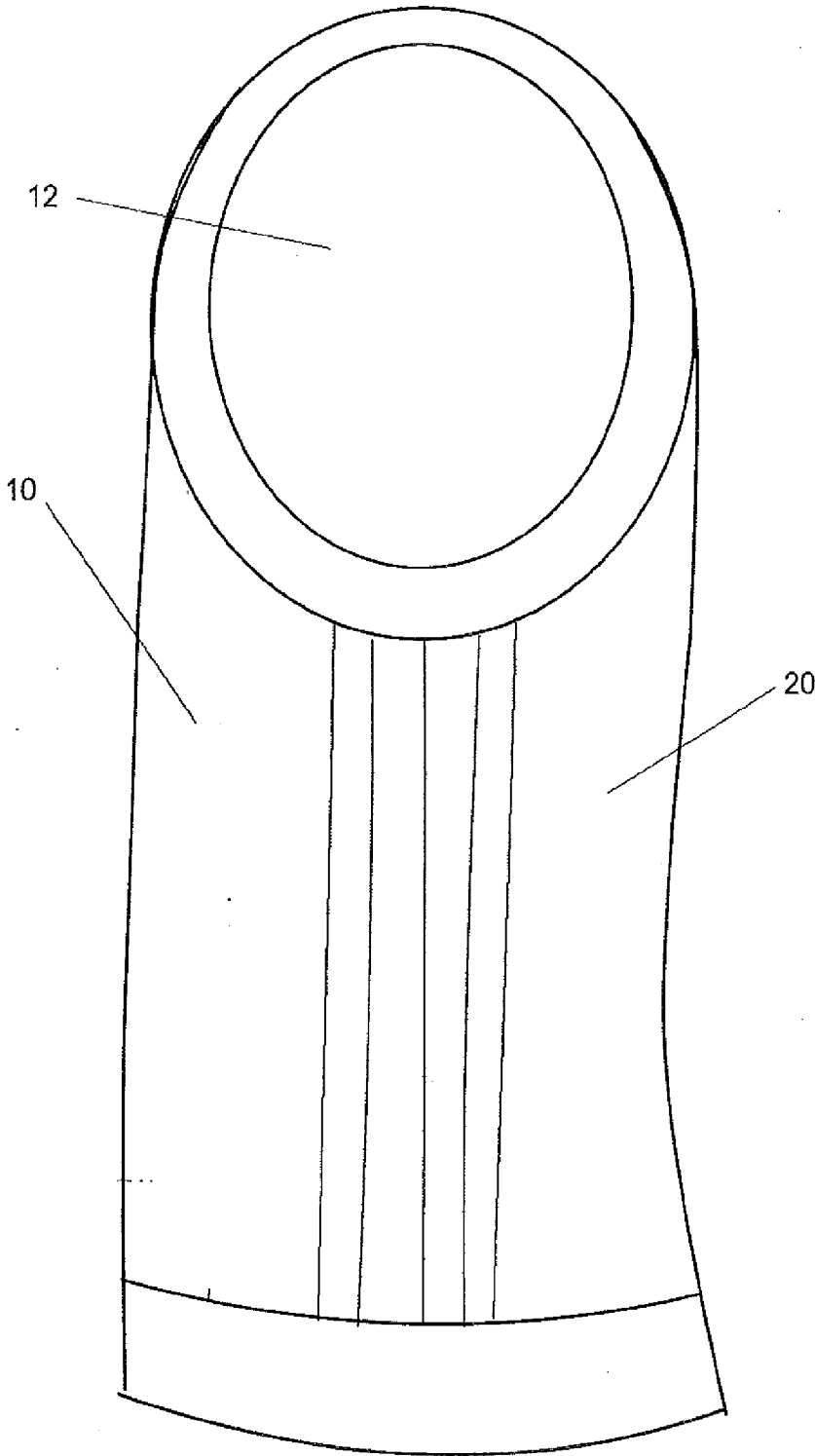


FIG. 4

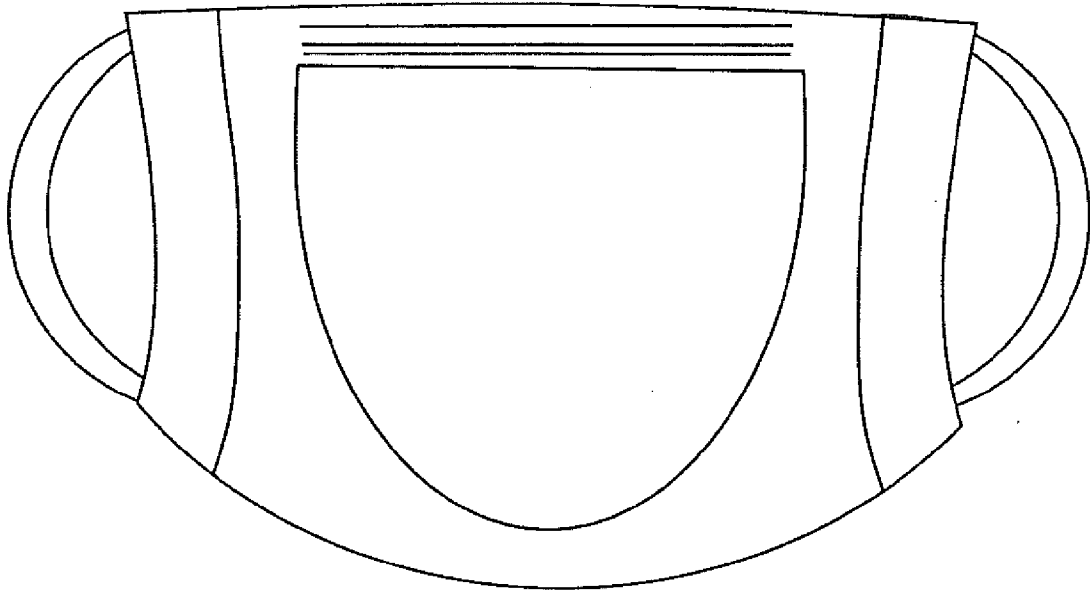


FIG. 5

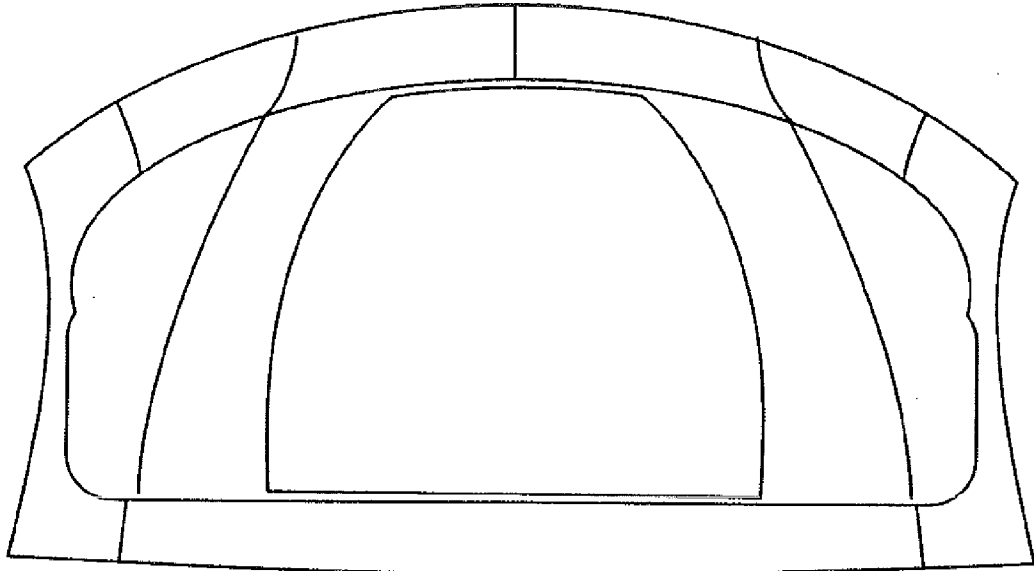


FIG. 6

ARMORED SHIRT

FIELD OF THE INVENTION

[0001] This invention relates to the field of personal protection by means of armored clothing. It is particularly related to a T type undershirt (T-Shirt, in English) containing special armor protecting all the body trunk of a human user against attacks with firearm.

BACKGROUND OF THE INVENTION

[0002] Within the area of personal and individual protection against attacks with firearm, bladed weapon and even inflammatory artifact, great breakthroughs have been developed with the aim of achieving clothing that may be light and comfortable as well as easy to carry and providing at the same time a high protection level. Those that are best known are the famous bulletproof vests.

[0003] Such vests have been characterized in that they are uncomfortable, heavy and they are at sight, which is not comfortable for people.

SUMMARY OF THE INVENTION

[0004] Then there is a need of light, comfortable, impermeable clothing and which may be unnoticeable to the public sight. This invention meets this need providing a T type undershirt (T-shirt) manufactured based on a special material, and so that the T-shirt may house the armored plates.

BRIEF DESCRIPTION OF DRAWINGS

[0005] FIG. 1 is a front elevation view of the T-shirt according to the invention.

[0006] FIG. 2 is a back elevation view of the T-shirt of the invention.

[0007] FIG. 3 is a left side elevation view of the T-shirt of the invention.

[0008] FIG. 4 is a right side elevation view of the T-shirt of the invention.

[0009] FIG. 5 is a top elevation view of the T-shirt of this invention.

[0010] FIG. 6 is a bottom elevation view of the T-shirt of this invention.

DETAILED DESCRIPTION OF THIS INVENTION

[0011] Referring to FIG. 1, a front portion 10 of the T-shirt 1 can be seen, showing the normal shape of a T type undershirt, wherein the opening for the neck 11 composed of a reinforcement fabric 5 and on the sides the openings 12 for passing through the arms of the user is shown. These openings are also composed of a fabric 5. From each of the openings for the arms, a sewing line is shown, which comes down up to the lower part of the front portion. This front portion 10 is composed of two portions made of fabric, an outside portion and another inside portion sewed on la lower part and on its sides. The upper part of the two fabrics is left seamless for thus forming a pocket having the size of the front portion of the T-shirt. An armor plate is introduced into the opening of the pocket and is arranged providing enough protection to the whole thorax and abdominal region of the user.

[0012] Referring to FIG. 2, a back portion 20 of the T-shirt 1 can be seen, wherein the normal shape of a T type undershirt is shown, wherein the opening for the neck 11 and, on its sides, the openings 12 for passing through the arms of the user

can be seen. Both the opening 11 and the openings 12 are composed of a material 5. From each of the openings for the arms, two sewing lines coming down up to the lower part of the back portion 20 are shown. This back portion 20 is composed of two portions made of fabric, an outside portion and another inside portion sewed on la lower part and on its sides. The upper part of the two fabrics is left seamless for thus forming a pocket having the size of the back portion 20 of the T-shirt. An armor plate is introduced into the opening of the pocket and is arranged providing enough protection to the whole back of the user.

[0013] FIG. 3 shows a left side view of the T-shirt wherein the side zone comprising four strips made of fabric which come loose from the lower zone of the openings for the arms 12 of the user come down to the lower part of the T-shirt, can be seen. Two of the strips are attached, one to the front portion and the other to the back portion on one of their lateral longitudinal edges. The other longitudinal lateral edge of the strips is attached to the other two central strips made of fabric on one of their lateral longitudinal edges and finally these two central strips are attached one to the other on the remaining edges by means of a invisible zipper, which may be the sewed one #2 YKK, 25 cm. This structure provides the T-shirt with resistance and at the same time elasticity so that the T-shirt is well adapted to the body of the user.

[0014] FIG. 4 shows a right side view of the T-shirt. This view is symmetrical to the view of FIG. 3 and is formed in the same way and with similar elements or strips made of fabric and, therefore, it is not going to be described in detail.

[0015] FIGS. 5 and 6 show top and bottom views of the T-shirt as it fits when being used, in which the opening for the head and neck of the user can be seen, as well as the openings for passing through the arms of the user. The opening for the head of the user is delimited by the strips for the shoulders of the user and the front portion and the back portion. On the strips for the shoulders one can see an outmost strip which is a reinforcement delimiting and forming the opening for the arms.

[0016] The T-shirt has been thought and designed using state-of-the-art materials, so that the final product may be for permanent use and thought for comfort, protection and discretion of the user. For example, the material of reinforcements of the opening for the neck and for arms is Rib, a knitted fabric with 50% polyester and 50% cotton 228±11 gxm². The material of the front portion 10 and the back portion 20 may be a Powernet type mesh which is a knitted fabric with 14% Elastane and 86% Nylon 330±23 gxm². The zone of the sides of the T-shirt may be made of a

1. A T-shirt for armor use is characterized in that it comprises a front portion (10) of the T-shirt (1) composed of two portions made of fabric, an outside portion and another inside portion sewed by the lower part and by its sides, an opening for the neck (11), openings (12) for passing through the arms of the user, a back portion (20) of the T-shirt (1) composed of two portions made of fabric, an outside portion and another inside portion sewed on the lower part and by its sides, some zones of sides and two armor panels.

2. The T-shirt of claim 1 characterized in that such front portion (10) is composed of two portions made of fabric, an outside portion and another inside portion sewed on the lower part and on its sides, the upper part of the two fabrics is left seamless for thus forming a pocket having the size of the front portion of the T-shirt, an armor panel is introduced into the

opening of the pocket and is arranged providing enough protection to the whole thorax and abdominal region of the user.

3. The T-shirt of claim 1 characterized in that the back portion (20) is composed of two portions made of fabric, an outside portion and another inside portion sewed on the lower part and on its sides, the upper part of the two fabrics is left seamless for thus forming a pocket having the size of la back portion (20) of the T-shirt, an armor panel is introduced into the opening of the pocket and is arranged providing enough protection to the whole back of the user.

4. The T-shirt of any of the preceding claim 1 characterized in that such opening for the neck (11) and the openings (12) for passing through the arms of the user are composed of a reinforcement fabric (5).

5. The T-shirt of any of the preceding claim 1 characterized in that such zone of the sides comprising four strips made of fabric coming loose from the lower zone of the openings for the arms (12) of the user and bring down towards the lower part of the T-shirt, two of the strips are attached, one to the front portion and the other to the back portion of the T-shirt on one of their lateral longitudinal edges, the other lateral edge of

the strips is attached to the other two central strips made of fabric on one of their lateral longitudinal edges and finally these two central strips are attached one to the other on the remaining edges by means of a invisible zipper, which may be the sewed one #2 YKK, 25 cm.

6. The T-shirt of any of the preceding claim 1 characterized in that such armor panels are ultrasonically sealed and made of impermeable material so that the armor material is protected from moisture produced by the body of the user.

7. The T-shirt of any of the preceding claim 1 characterized in that the reinforcement material of the opening for the neck and arms is Rib, a knitted fabric with 50% polyester and 50% cotton $228 \pm 11 \text{ g} \times \text{m}^2$, the material of the front portion (10) and the back portion (20) may be made of Powernet type mesh which is a knitted fabric with 14% Elastane and 86% nylon $330 \pm 23 \text{ g} \times \text{m}^2$, the side zone of the T-shirt may be made of a material composed of knitted fabric with 16% Elastane and 84% nylon $186 \pm 9 \text{ g} \times \text{m}^2$ and with an internal 3D fabric 100% polyester.

* * * * *