



Industria y Comercio

SUPERINTENDENCIA

DELEGATURA PROPIEDAD INDUSTRIAL

Division de Nuevas Creaciones

SOLICITUD

PATENTE DE MODELO DE UTILIDAD

05-89438

21 EXPEDIENTE No

54 TÍTULO ZAPATO CUYA SUELA ESTA
CONECTADA A LA PALA Y AL PANEL
LATERAL SIN COSTURAS NI PEGANIES

51 CLASIFICACIÓN INTERNACIONAL

71 SOLICITANTE CHEN, CHUANG - CHUAN

DOMICILIO TAIPEI, HSIEN - TAIWAN

74 APODERADO ALVARO RAMIREZ BONILLA

22 BOGOTÁ, D C, SEPTIEMBRE DEL 2005

Industria y Comercio
SUPERINTENDENCIA

PETITORIO

SUPERINDUSTRIA Y COMERCIO

Radicacion : 05089436 00000000 Folios: 26
Fecha (AMD): 2005-09-06 15:49:06
Tramite : 003 PATENTES D 1 REGISTRADO/ 411 PRESENTADO

FORMULARIO UNICO DE SOLICITUD DE PATENTE
2000-3

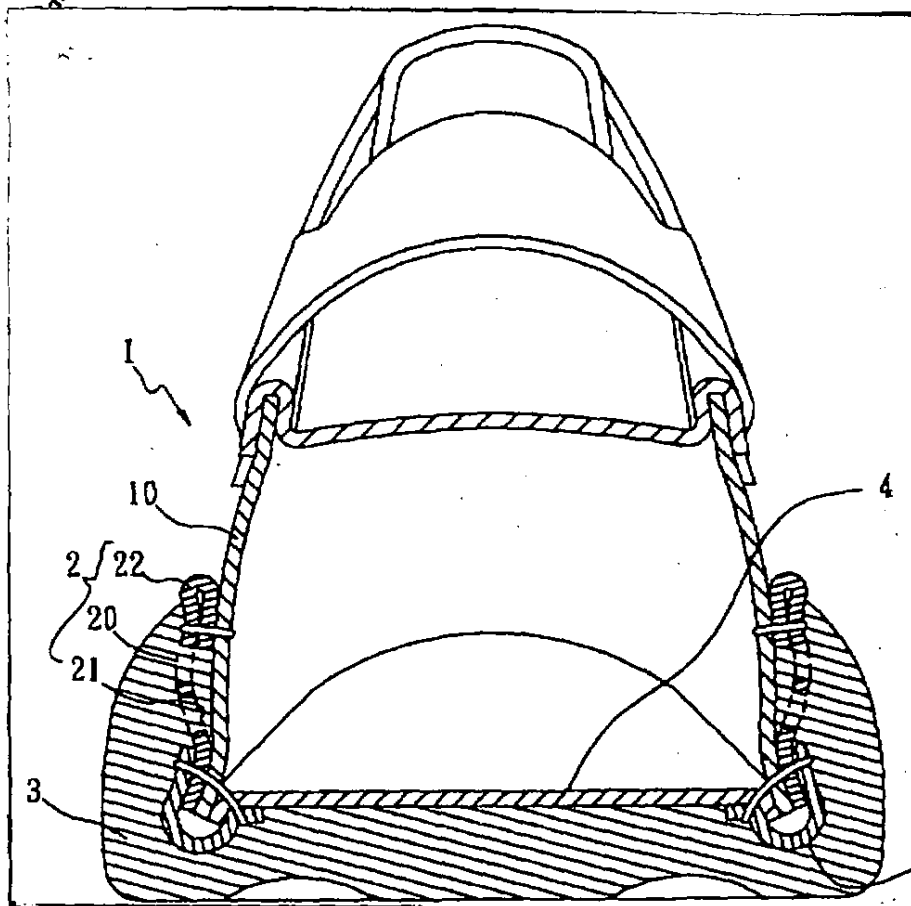
1 SOLICITUD DE:			
☐ Patente de Invención		☒ Patente de Modelo de Utilidad	
2 SOLICITANTE (71)	Nombre: CHEN CHUANG-CHUAN Dirección: No.59-1,Sec4,Chung-Hsing Road, Wu-Ku, Taipei Hsien, Taiwan R.O.C. Teléfono: Fax: E-mail: Domicilio: TAIWAN, R.O.C.	IDENTIFICACIÓN C.C. ☐ NIT ☐ C.E. ☐ Otro ☐ Número:	
3 REPRESENTANTE O APODERADO (74)	Nombre: Alvaro RAMIREZ BONILLA Dirección: Cra 7 No 74-56 Oficina 708 Teléfono: 3131712 Fax: 3131712 E-mail: alvaro@br-solucioneslegales.com	IDENTIFICACIÓN C.C. ☒ NIT ☐ C.E. ☐ Otro ☐ Número 79.790.039 TP 118.770	
4 INVENTOR (ES) (72)	Nombre: CHEN CHUANG-CHUAN Dirección: No.59-1,Sec4,Chung-Hsing Road, Wu-Ku, Taipei Hsien, Taiwan R.O.C. Teléfono: Fax: E-mail: Domicilio: TAIWAN, R.O.C.	IDENTIFICACIÓN C.C. ☐ NIT ☐ C.E. ☐ Otro ☐ Número:	
5 Título (54) ZAPATO CON PANEL LATERAL CONECTABLE A LA SUELA			
6 Clasificación Internacional (51) A43B 1/00			
7 Prioridad	(33) País de Origen	(32) Fecha	(31) Numero de Solicitud
SI ☒ NO ☐	EU	Septiembre 7/04	10/936192
8 Para publicar a partir de la fecha de la presente solicitud a los: 6 meses ☒ 12 meses ☐ 18 meses ☐ Otro ☐			
9 Comprobante de pago No. 32108707 Fecha 06/09/05			
Instrucciones para el diligenciamiento del presente formulario, ver reverso de esta página.			

10

ANEXOS

- ☒ Comprobante de pago de la tasa de presentación de la solicitud.
- ☐ Comprobante de pago de la tasa por concepto de excedente de palabras en la publicación.
- ☐ Comprobante de pago por reivindicación de prioridad.
- ☐ Certificado de existencia y representación legal cuando el solicitante sea persona jurídica.
- ☐ Poderes, si fuere el caso.
- ☐ Copia certificada de la primera solicitud, si se reivindica prioridad.
- ☐ Traducción simple de la primera solicitud, si se reivindica prioridad.
- ☐ Documento de cesión del inventor al solicitante o a su causante.
- ☒ Descripción de la invención.
- ☒ Una o más reivindicaciones.
- ☒ Dibujos y/o planos necesarios
- ☐ 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.

11 FIGURA CARACTERÍSTICA:



12

NOMBRE: ALVARO RAMIREZ BONILLA

FIRMA:

C.C. 79.790.039

T.P. 118.770

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

ZAPATO CON PANEL LATERAL CONECTABLE A LA SUELA

SECTOR DE LA INVENCION

- 5 La presente invención se refiere a un zapato que tiene un panel lateral y una suela que está conectada a la pala y al panel lateral, sin pegante ni costuras.

ANTECEDENTES DE LA INVENCION

- 10 Un zapato convencional está compuesto por pala y suela la cual está generalmente conectada a la pala mediante costuras o pegante. Las costuras requieren de máquinas de coser operadas por trabajadores expertos y es un trabajo que consume tiempo. Dado que cada zapato involucra bastante trabajo y tiempo, el costo del mismo es alto lo cual no es aceptado gradualmente dentro
- 15 del mercado. Usar pegantes requiere que sean de buena calidad y que el área donde se vaya a aplicar sea áspera para que el pegante funcione como se desea. Sin embargo, casi todas las clases de pegantes, usados en la industria, incluyen ingredientes químico-tóxicos que afectan los pulmones de los trabajadores. Además, pequeñas partículas de la pala son generadas mientras
- 20 se esparce el pegante por el área de la pala y de la suela.

La presente invención intenta proveer un zapato que no necesita costuras ni pegante para conectar la suela a la pala.

DESCRIPCION DE LA INVENCION

La presente invención se refiere a un zapato que abarca una pala con una
 5 plantilla conectada a la superficie inferior del zapato, y un panel lateral rodea
 una periferia de la parte baja de la pala. El panel lateral incluye una pluralidad
 de aberturas definidas y al menos una hendidura se encuentra entre la pala y el
 panel lateral. La suela rodea al panel lateral y a la plantilla, y el material de la
 suela rellena al menos una hendidura y en las aberturas.

10

La presente invención será cada vez mas obvia gracias a la siguiente
 descripción acompañada de los gráficos que mostraran, unicamente a manera
 de ilustración una fórmula prefenda.

BREVE DESCRIPCIÓN DE LOS GRÁFICOS

Figura No. 1 muestra un zapato con el panel lateral abarcando la pala.

Figura No. 2 muestra que una hendidura se encuentra entre el panel lateral y la
 pala.

20 Figura No. 3 muestra una suela incluyendo el fondo de la pala y el panel lateral.

Figura No. 4 es una vista de corte transversal del fondo para mostrar el material
 de la suela que rellena la hendidura entre el panel lateral y la pala.

Figura No. 5 es una vista de corte transversal para mostrar la suela conectada a la pala

DESCRIPCIÓN DETALLADA DE LA FÓRMULA REFERIDA

5

Refiriéndonos a las figuras de la 1 a la 5 el zapato1 de la presente invención contiene una pala 10 compuesta de múltiples partes cosidas unas con otras, y una plantilla 4 conectada a una superficie inferior de la pala 10. Un panel lateral 2 rodea una periferia de la parte baja de la pala 10, e incluye una pluralidad de aberturas 20 definidas sesgadamente. Una hendidura 21 que se encuentra entre la pala 10 y el panel lateral 2. El panel lateral 2 tiene una parte plegable 22 en el borde superior y un miembro conector 5 une un borde inferior del panel lateral 2 un borde inferior de la pala 10 y dos lados de la plantilla 4.

15

Una suela 3 rodea el panel lateral 2 y la plantilla 4 y el material de la suela 3 por ejemplo caucho es vaciado en por lo menos una hendidura 21 y en las aberturas 20. Un borde superior de la suela 3 está terminado bajo la parte plegable 22. El material de la suela 3 puede ser derretido y vertido en una cavidad del molde del zapato el cual es puesto en la cavidad como el material de la suela 3 puede ser conveniente para llenar cada hendidura 21 y aberturas 20 del panel lateral 2.

5

Es evidente que el zapato no necesita costuras ni pegante y la suela 3 está firmemente conectada a la pala 10. El tiempo empleado para hacer zapatos puede ser acortado, y los zapatos son apropiados para ser producidos en masa.

5 Mientras hemos mostrado y descrito la fórmula de acuerdo con la presente invención, debe quedar claro para todos aquellos talentosos en el arte, que las fórmulas futuras deberán ser hechas en partir de la órbita de la presente invención.

10

15

20

5

REIVINDICACIONES

1 Un zapato que comprende

- Una pala con una plantilla conectada a una superficie inferior,

5 - Un panel lateral rodeando una periferia de la parte baja de la pala e incluyendo una pluralidad de aberturas trazadas sesgadamente al menos una hendidura que se encuentra entre la pala y el panel lateral y

- Una suela rodeando el panel lateral y la plantilla material de la suela vertido en, por lo menos una hendidura y en las aberturas

2 El zapato reivindicado en la reivindicación 1 donde el panel lateral tiene una parte plegable en un borde y un borde de la suela termina bajo la parte plegable

3 El zapato reivindicado en la reivindicación 1, donde una conexión miembro une un borde bajo del panel lateral un borde bajo de la pala y dos lados de la plantilla

4 El zapato reivindicado en la reivindicación 1, donde la pala está compuesta de multiples partes cosidas unas con otras.

RESUMEN DEL DESCUBRIMIENTO

Un zapato que incluye una pala con una plantilla y un panel lateral rodea una
perfora de la parte baja de la pala. El panel lateral incluye una pluralidad de
aberturas y al menos una hendidura se encuentra entre la pala y el panel
lateral. El material de la suela, como el caucho, rodea el panel lateral y es
verfido en por lo menos una hendidura y en las aberturas. El zapato no
necesita costura ni pegante.

5

10

15

A

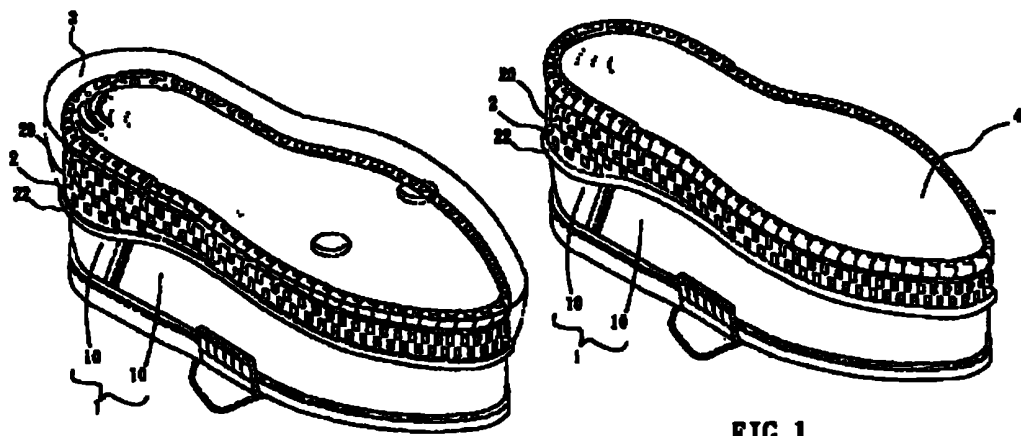


FIG. 3

FIG 1

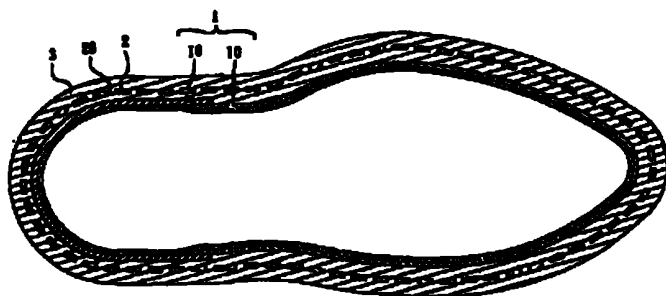


FIG 4

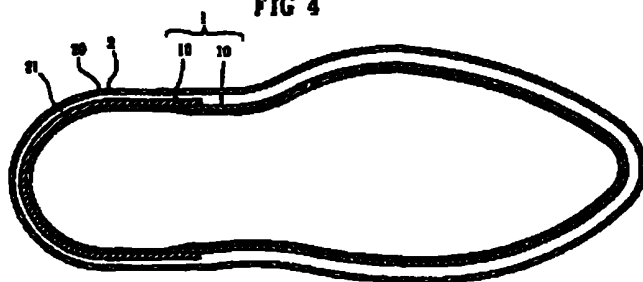


FIG 2



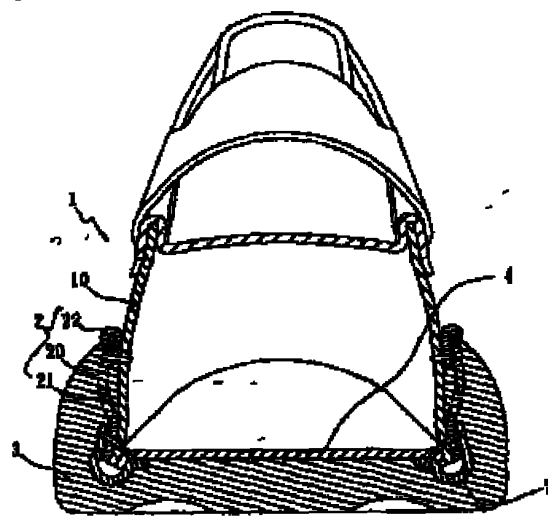


FIG 5



REPUBLICA DE PANAMA
MINISTERIO DE RELACIONES EXTERIORES

3 MAYTE YEN
FIRMA AUTORIZADA POR EL FUNCIONARIO CONSULAR
EMBAJADA DE PANAMA EN TAIPEI, TAIWAN R.O.C.

TITULO 11 LEY DE AUTENTICACION

Departamento Consular y
Legalizaciones

CERTIFICA

CERTIFICADO DE
AUTENTICACION

que la firma que aparece en el documento adjunto que
dice CHEN, SHANG-YU
es auténtica y corresponde a la que acostumbra usar en los
documentos que autoriza en calidad de SECTION CHIEF OF
BUREAU OF CONSULAR AFFAIRS, MINISTRY OF FOREIGN
AFFAIRS, R.O.C. OF CHINA

Resolución Oficial 279884
Anexo 60
Derecho 117.10.00

Dado en la Ciudad de TAIPEI el día 17
del mes de AGOSTO del año 2005

Nº 190318



Marte
FIRMA DEL FUNCIONARIO CONSULAR

TPO

12

DECLARATION

I, CHEN CHUANG-CHUAN hereby declare that the annexed hereto is a true copy from the records of the United States Patent and Trademark Office, United States Department of Commerce, the United States

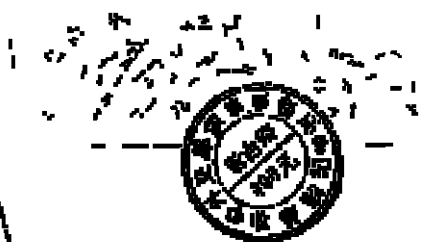
Declarer *Chen Chuang-Chuan*

CHEN, CHUANG-CHUAN

August 15 2005

[Handwritten signature]

[Handwritten text]



The Minister, of Foreign Affairs
assumes no responsibility for the
contents of document

Minister of Foreign Affairs

40389
AUG 15 2005
本文件之簽名處在 本台新台地地方 公證人 簽名處
其 公證人 事務所 設於
Attached at the 11 Road New Notary Public Office of
Taiwan Taipei District Court F O L that the
signatures/seals in this document is/are
authentic.
Notary Public *[Signature]*
Ju Pong-Huei
A/1 5b Fuhshing N Rd, Taipei, Taiwan, R.O.C.

12

2A 2263468



UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME
UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

July 13, 2005

THIS IS TO CERTIFY THAT ANNEXED HERETO IS A TRUE COPY FROM
THE RECORDS OF THE UNITED STATES PATENT AND TRADEMARK
OFFICE OF THOSE PAPERS OF THE BELOW IDENTIFIED PATENT
APPLICATION THAT MET THE REQUIREMENTS TO BE GRANTED A
FILING DATE UNDER 35 USC 111

APPLICATION NUMBER 10/936,192
FILING DATE September 07, 2004

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office



L. Edelen

L. EDELEN
Certifying Officer



PTO

PTO/SB/05 (08-03)

Approved for use through 07/31/2005. OMB 0551-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

18834 U.S. PTO

UTILITY PATENT APPLICATION TRANSMITTAL

Only for new nonprovisional applications under 37 CFR 1.53(b)

Attorney Docket No. 14834 B (930906001)
First Inventor Chuang-Chuan CHEN
Title Shoes With Side Panel Connection Outsole
Express Mail Label No. EL 970879841 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- ☒ Applicant claims small entity status.
See 37 CFR 1.27.
- ☒ Specification (Total Pages 5)
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claims
 - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) (Total Sheets 3)
- Oath or Declaration (Total Sheets 4)
 - ☒ Newly executed (original or copy)
 - ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - ☐ Computer Readable Form (CRF)
 - Specification Sequence Listing on:
 - ☐ CD-ROM or CD-R (2 copies); or
 - ☐ Paper
 - ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
- ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Prior application information:

Examiner

Art Unit:

For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number: 36572 OR ☐ Correspondence address below

Name CHARLES E. BAXLEY, ESQUIRE
Address 90 John Street, Third Floor
City New York State New York Zip Code 10038
Country U.S.A. Telephone 212-791-7200 Fax 212-791-7276

Name (Print/Type) CHARLES E. BAXLEY Registration No. (Attorney/Agent) 20,149
Signature *Charles E. Baxley* Date 9/7/04

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

BEST AVAILABLE COPY

Approved for use through 11/10/2004
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FREE TRANSMITTAL

for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 385.00

Complete if Known

Application Number	Not Yet Allotted
Filing Date	Simultaneously herewith
First Named Inventor	Chuang-Chuan CHEN
Examiner Name	Unknown
Art Unit	Unknown
Attorney Docket No.	14834 B (930906001)

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit
Account
Number
Deposit
Account
Name

02-1435

Charles E. Baxley

☒ Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☐ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee
the above-identified deposit account.

FEE CALCULATION

BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 770	2001 385	Utility filing fee	385
102 340	2002 170	Design filing fee	
103 530	2003 265	Plant filing fee	
104 770	2004 385	Reissue filing fee	
105 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$) 385.00

EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Original Claims	Extra Claims	Fee from below	Fee Paid
4	20** = 0	0	0
1	3** = 0	0	0
Multiple Dependent		0	0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 88	2201 43	Independent claims in excess of 3.	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 88	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) 0

*For number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 60	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 850	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 280	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1808 180	1808 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Name (Print/Type)	CHARLES E. BAXLEY, ESQUIRE	Registration No. (Attorney/Agent)	20,149	Telephone	212-791-7200
Signature	<i>Charles E. Baxley</i>	Date	9/7/04		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the PTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

BEST AVAILABLE COPY



SHOES WITH SIDE PANEL FOR CONNECTION OUTSOLE

FIELD OF THE INVENTION

The present invention relates to a shoe having a side panel and an outsole which is connected to the vamp and the side panel without gluing and stitching

BACKGROUND OF THE INVENTION

A conventional shoe is composed of vamp and outsole which is generally connected to the vamp by stitching or gluing. Stitching requires a lot of sewing machines operated by skilled workers and is a time-consuming job. Because each shoe involves a lot of labor work and time so that the cost is high which is not accepted in the market gradually. Gluing requires high quality of glue and the gluing area has to be ground to have a rough surface so that the glue may function as desired. However, almost every kind of glue used in the industry includes toxic chemical ingredients which harm lungs of the workers. Besides, small particles of the vamp are generated during grinding the gluing areas of the vamps and the outsoles.

The present invention intends to provide a shoe that needs no stitching and gluing when connecting the outsole to the vamp.

SUMMARY OF THE INVENTION

The present invention relates to a shoe that comprises a vamp with an insole connected to an underside thereof and a side panel encloses a periphery of a lower portion of the vamp. The side panel includes a plurality of apertures defined therethrough and at least one gap is defined between the vamp and the side panel. An outsole encloses the side panel and the insole, material of the outsole filled in the at least one gap and the apertures.

The present invention will become more obvious from the following description when taken in connection with the accompanying drawings which show,



: . .
:
:

for purposes of illustration only, a preferred embodiment in accordance with the present invention

BRIEF DESCRIPTION OF THE DRAWINGS

Fig 1 shows a shoe with the side panel enclosing the vamp,

5

Fig. 2 shows that a gap is defined between the side panel and the vamp,

Fig 3 shows an outsole enclosing the bottom of the vamp and the side panel,

Fig 4 is a bottom cross sectional view to show the material of the outsole filled in the gap between the side panel and the vamp, and

10

Fig 5 is a rear end cross sectional view to show the outsole connected to the vamp

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

Referring to Figs 1 to 5, the shoe 1 of the present invention comprises a vamp 10 which is composed of multiple parts stitched with each other and an insole 4 is connected to an underside of the vamp 10. A side panel 2 encloses a periphery of a lower portion of the vamp 10 and includes a plurality of apertures 20 defined therethrough. A gap 21 is defined between the vamp 10 and the side panel 2. The side panel 2 has a folding portion 22 at a top edge thereof and a connection member 5 combines a lower edge of the side panel 2, a lower edge of the vamp 10 and two sides of the insole 4.

15

20

An outsole 3 encloses the side panel 2 and the insole 4 and the material of the outsole 3, such as rubber, is filled in the at least one gap 21 and the apertures 20. A top edge of the outsole 3 is ended below the folding portion 22. The material of the outsole 3 can be melted and poured into cavity of mold set of the shoe which is put in the cavity such that the material of the outsole 3 can be convenient to fill each gap 21 and apertures 20 of the side panel 2.

25



It is noted that the shoe needs no stitching and gluing, and the outsole 3 is firmly connected to the vamp 10. The time spent for making the shoes can be shortened and the shoes are suitable to be made in mass production.

While we have shown and described the embodiment in accordance with
5 the present invention, it should be clear to those skilled in the art that further
embodiments may be made without departing from the scope of the present
invention



WHAT IS CLAIMED IS

- 1 A shoe comprising
 - a vamp with an insole connected to an underside thereof,
 - a side panel enclosing a periphery of a lower portion of the vamp and
 - 5 including a plurality of apertures defined therethrough, at least one gap defined between the vamp and the side panel, and
 - an outsole enclosing the side panel and the insole, material of the outsole filled in the at least one gap and the apertures
- 2 The shoe as claimed in claim 1, wherein the side panel has a folding
 - 10 portion at a top edge thereof and a top edge of the outsole is ended below the folding portion
- 3 The shoe as claimed in claim 1, wherein a connection member combines a lower edge of the side panel, a lower edge of the vamp and two sides of the insole.
- 4 The shoe as claimed in claim 1, wherein the vamp is composed of
 - 15 multiple parts which are stitched with each other

ABSTRACT OF THE DISCLOSURE

A shoe includes a vamp with an insole and a side panel encloses a periphery of a lower portion of the vamp. The side panel includes a plurality of apertures and at least one gap is defined between the vamp and the side panel.

5 Material such as rubber for an outsole encloses the side panel and is filled in the at least one gap and the apertures. The shoe needs no stitching and gluing.

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled SHOES WITH SIDE PANEL FOR CONNECTION OUTSOLE

The specification of which (check one): ☒ is attached hereto; ☐ was filed on _____ as Application Serial No. _____ and was amended on (or amended through) _____

(if applicable). I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(e). I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application (s)

			Priority Claimed	
(Number)	(Country)	(Day/Month/Year Filed)	☐ Yes	☐ No
			☐ Yes	☐ No
			☐ Yes	☐ No
			☐ Yes	☐ No
			☐ Yes	☐ No
			☐ Yes	☐ No

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(e) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status-Patented, Pending or Abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY

I (We) hereby appoint Charles E. Baxley, Registration No. 20,149, whose post office address is: Hart, Baxley, Daniels & Holton, 90 John Street, 3rd Floor, New York, New York 10038, telephone (212) 791-7200, as my (our) attorney with full power of substitution and revocation, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

Full Name of First or Sole Inventor <u>Chuang-Chuan CHEN</u>	Citizenship <u>Taiwanese</u>
RESIDENCE Address- Street <u>11F-2, No. 43 Chai-I Street</u>	POST OFFICE address- Street <u>11F-2, No. 43 Chai-I Street</u>
City (Zip) <u>Taichung City</u>	City (Zip) <u>Taichung City</u>
State or Country <u>Taiwan, R.O.C.</u>	State or Country <u>Taiwan, R.O.C.</u>
Date <u>September 6, 2004</u>	Signature <u>Chen Chuang-Chuan</u>

DECLARATION FOR PATENT APPLICATION WITH POWER OF ATTORNEY

Docket 14834 B
(930906001)

As below named inventor I hereby declare that my residence, post office address and citizenship are as stated below next to my name. I believe that I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled SHOES WITH SIDE PANEL FOR CONNECTION OUTSOLE

the specification of which (check one) ☒ is attached hereto, ☐ was filed on _____ as Application Serial No. _____ and was amended on _____ (or amended through if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37 Code of Federal Regulations §1.56(a). I hereby claim foreign priority benefits under Title 38 United States Code, §119 of any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior-Foreign Application(s)

Priority Claimed

(Number) (Country) (Day/Month/Year Filed)

☐ Yes ☐ No

(Number) (Country) (Day/Month/Year Filed)

☐ Yes ☐ No

I hereby claim the benefit under Title 38, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 38, United States Code §112. I acknowledge the duty to disclose material information as defined in Title 37 Code of Federal Regulations §1.56(a) which occurred between the filing date of the prior application and the national or PCT International filing date of this application:

(Application Serial No.) (Filing Date) (Status--Patented, Pending or Abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY

I (we) hereby appoint Charles E. Baxley, USPTO Reg. No. 28,148, whose Post Office address is Hart, Baxley, Daniels & Helton, 90 John Street, 3rd Floor, New York, New York 10038, Tel (212) 781 7200, Fax (212) 781-7278, as my (our) attorney with full powers of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Full name of First or Sole Inventor Chuang-Chuan CHEN	Citizenship Taiwanese
Residence Address - Street 11F-2, No. 43, Chai-I Street	Post Office Address - Street 11F-2, No. 43, Chai-I Street
City (Zip) Taichung City	City (Zip) Taichung City
State or Country Taiwan, R.O.C.	State or Country Taiwan, R.O.C.
Date ✓ September 6, 2004	Signature Chuang-Chuan Chen

☐ See second page for additional joint inventors

Applicant of Patentee: Chuang-Chuan CHEN

Docket #: 14834 B (930906001)

Serial or Patent Number: Not Yet Assigned

Examiner: Unknown

Filed or Issued: Simultaneously Herewith

Art Unit: Not Yet Assigned

For: SHOES WITH SIDE PANEL FOR CONNECTION OUTSOLE

VERIFIED STATEMENT (DECLARATION) BY AN INDEPENDENT INVENTOR

CLAIMING SMALL ENTITY STATUS UNDER 37 CFR 1.9 (F) AND 1.27 (B)

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9 (c) for purposes of paying reduced fees under section 4I(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled _____

By _____
Inventor(s)

described in:

- ☐ _____ filed _____
- ☐ The specification filed herewith.
- ☐ Patent application serial number _____ filed _____
- ☐ PCT International patent application number _____ filed _____
- ☐ Patent number _____ issued _____

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license any rights in the invention to any person who could not be classified as an independent inventor under 37 CFR 1.9 (c) if that person had made the invention. Or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern or organization to which I have assigned, granted, conveyed or licensed or am under an obligation under contract or law to assign, grant, convey or license any rights in the invention is listed below:

- ☐ No such person, concern or organization.
- ☐ Persons, concerns or organizations listed below. Note: Separate verified statements are required from each named person, concern or organization having right to the invention averring to their status as small entities (37 CFR 1.27)

Full Name: _____

Address: _____

- ☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

Full Name: _____

Address: _____

- ☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

- ☐ See attached sheet for additional person(s), concern(s) or organization(s).

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate (37 CFR 1.28 (b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine, or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which the verified statement is directed.

	Inventor 1	Inventor 2	Inventor 3
Name	Chuang-Chuan CHEN		
Signature	<i>Chuang-Chuan CHEN</i>		
Date	September 6, 2004		

0135W

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant Chuang Chuan CHEN

Serial No Not Yet Assigned

Filed Simultaneously Herewith

For SHOES WITH SIDE PANEL FOR CONNECTION OUTSOLE

Commissioner of Patents and Trademarks
Washington, DC 20231

POWER OF ATTORNEY

Sir

The undersigned, owner of the entire right, title and interest in ,
to and under the patent application of the United States described
above, hereby revokes all former Power of Attorney and appoints

No 20,149 Charles F Baxley, Esquire Registration
Hart, Baxley Daniels & Holton
90 John Street - 3rd Floor
New York, New York 10038
Tel (212) 791-7200
Fax (212) 791-7276

Charles E Baxley, Attorney, with full power
of substitution and revocation, to transact all business in the Patent
and Trademark Office and elsewhere in connection therewith

Chuang Chuan Chen

Place Taken, R O C

Date: September 6, 2004

*

REPÚBLICA DE COLOMBIA - MINISTERIO DE INDUSTRIA Y COMERCIO

SUPERINTENDENCIA Y COMERCIO

Radicación: 65007448 40024000

Folios: 25

Fecha (AMB): 2005-09-06 15:49:06

Trámite : 001 04VENTES D 1 RECISTRO/ 111 PRESENTAC

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

MIT : 690176089-2

RECIBO OFICIAL DE CAJA 05 67,950
FECHA SEPTIEMBRE 6 DE 2005

C E N S A M I E N T O

DEPOSITANTE	TIPO PASO	BANCO	CUENTA	Nº PASO	FECHA PAGO	VR PAGO
BAN SOLUCIONES LEGALES	CONSIGNACION	BANCO POPULAR	050-00110-6	32108707	06/09/2005	384 000 00

C O N C E P T O

CANT	DEBITISTAS	CONCEPTO	TOTAL CONCEPTO
50005-01 01	SOLICITUD	02 INVOCAION DE UNA PRIORIDAD EN EL	124,000 00
TOTAL :			124,000 00

SON CIENTO VEINTICUATRO MIL PESOS

RESPONSABLE : 

RECIBO DE CAJA APLICADO AL EXPEDIENTE No _____

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO
Radica: 05009423 00000000 Folios: 26
Fecha (SMB): 2005-09-06 15:45:06
Tramite : 003 CONTENEDOR 1 REGISTRADO 481 CRESENTINO

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

NIT : 003174039-2

RECIBO OFICIAL DE CAJA : 05 - 67,949
FECHA : SEPTIEMBRE 6 DE 2005

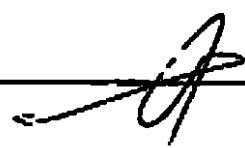
CONSIGNACION

DEPOSITANTE	TIPO PAGO	BANCO	CUENTA	No. PAGO	FECHA PGO	Gr. PAGO
BAN SOLUCIONES LEGALES	CONSIGNACION	BANCO POPULAR	650-00110-4	32103767	06/09/2005	384,000.00

CONCEPTO

CANT. REGISTRADO	CONCEPTO	TOTAL CONCEPTO
1 50005-01-01 SOLICITUDES	5 TRAMITES DE SOL. DE MODELO DE UTI	260,000.00
	TOTAL :	260,000.00

SMB: CIENTOSESENTA MIL PESOS

RESPONSABLE : 

RECIBO DE CAJA APLICADO AL EXPEDIENTE No. _____



27

SECRETARÍA Y OFICINA

Patente: 03003448 00000000

Folios: 26

Fecha (MM/AA): 2015-07-06 15:43:05

Trámite: 001 PATENTES 9 1 REGISTRAR 401 PRESENTAR

REQUISITOS NECESARIOS PARA PRESENTACIÓN Y AGILIZACIÓN DEL TRAMITE

	USUARIO	RADIADOR
PATENTE DE INVENCION		
MODELO DE UTILIDAD	()	()
Indicación de que se solicita la concesión de un patente.	()	()
Datos de identificación del solicitante o de la persona que se 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 o 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 solicita el registro de un Esquema de trazado	()	()
- Datos de identificación del solicitante o de la persona que presenta la solicitud	()	()
Representación grafica del esquema de trazado	()	()
Comprobante de pago de las tasas establecidas	()	()
COMPLETA ()	INCOMPLETA ()	()

Firma Responsable:

Fecha

Industria y Comercio
JURISDICCION

Folio 28

2020
 Bogotá DC

Doctor(a)
 ALVARO RAMIREZ BONILLA
 Apoderado(a)

REFERENCIA	Radicación No	05 - 89438
	Trámite	003
	Evento	001
	Actuación	416
	Oficio No	1055
	Folios	001

Teniendo en cuenta que la solicitud de privilegio de patente de modelo de utilidad que se tramita bajo el expediente indicado en la referencia reúne los requisitos de forma establecidos en los artículos 26 y 27 de la Decisión 486 de la Comisión de la Comunidad Andina y en las demás disposiciones vigentes sobre la materia se envía el extracto de la solicitud a la Oficina de Comunicaciones para efecto de su publicación en la Gaceta de Propiedad Industrial conforme lo establece el artículo 40 de la misma Decisión en concordancia con el artículo 85 de la misma decisión

Siendo manifestación expresa del interesado la solicitud no será publicada antes de los seis (6) meses contados a partir de la fecha de presentación de la solicitud por lo tanto la publicación en este caso se hará a partir del 06 de marzo de 2006

Cumplase

Dado en Bogotá DC a los

04 OCT 2005

ALIX CARMENZA CÉSPEDES DE VERGEL
 Jefe de la División de Nuevas Creaciones

Al contestar favor. Indicar el número de radicación consignado en el sticker

Señalando Contador de Radicación y Fecha
 Contador de Radicación y Fecha
 Señalando Contador de Radicación y Fecha
 Fecha de Radicación y Fecha de Radicación
 Señalando Contador de Radicación y Fecha
 Señalando Contador de Radicación y Fecha

DIVISION DE NUEVAS CREACIONES

RADICACIÓN EXPEDIENTE No 05-089438

EL EXTRACTO DE LA PRESENTE SOLICITUD DE MODELO DE UTILIDAD

NUMERO FUE PUBLICADO EN LA GACETA DE PROPIEDAD INDUSTRIAL No

562 DE FECHA 31 DE MARZO DE 2006 EL TERMINO HABIL SEÑALADO

POR LA LEY EXPIRA EL 18 DE MAYO DE 2006

NOTA. Dentro del plazo de los tres (3) meses siguientes a partir de la fecha de publicación en la gaceta de Propiedad Industrial deberá solicitar y cancelar el examen de patentabilidad so pena de que la solicitud caiga en abandono de acuerdo con lo establecido en el Artículo 44 y en concordancia con el artículo 85 de la Decisión 486/2000.

SE PRESENTARON OPOSICIONES POR PARTE DE TERCEROS

SI **__X__**

NO **__**