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Señores

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

DIVISIÓN DE NUEVAS CREACIONES

E. _____ S. _____

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 07-062885- -00002-0000

Fecha: 2007-09-25 16:31:37 Dep. 2020 NUECREACION
Tra. 11 PATENTEIYII Eve: 379 FASENACIONALI
Act. 444 RESPUESTAREQUE Folios: 17

Expediente No. 07-062.885

**Solicitud de Patente de Invención titulada: "METODO Y SISTEMA PARA
PRODUCIR PRODUCTOS DE TISU MOLDEADOS Y PRENSADOS EN HUMEDO"**

Solicitante: KIMBERLY-CLARK WORLDWIDE, INC.

**RESPUESTA AL OFICIO No. 10991 NOTIFICADO POR
FIJACION EN LISTA No. 323, DE FECHA 7 DE SEPTIEMBRE DE 2007
(EXAMEN DE FORMA)**

J. IAN RAISBECK, mayor de edad y vecino de Bogotá, identificado tal como aparece al pie de mi firma, en mi carácter de apoderado de la sociedad en referencia, me permito dar respuesta al auto proferido por ese Despacho, dentro del término legal previsto en el artículo 39 de la Decisión 486, en los siguientes términos:

1. En respuesta a la primera observación del Examinador, me permito aportar junto al presente memorial los dibujos correspondientes a la solicitud de patente en referencia.

741

2. En respuesta a la segunda observación del Examinador, me permito aclarar al despacho que la presente solicitud entra en Fase Nacional: Capítulo I y no Capítulo II como inicialmente se presentó. Por lo tanto una copia de los anexos no será presentada ya que no fue solicitado el Examen Preliminar Internacional.

Atentamente,



J. IAN RAISBECK
CC. No. 79.376.996 de Bogotá
T.P. 135.799 CSJ

Anexo: Dibujos
Documento de Cesión

102

1 / 3

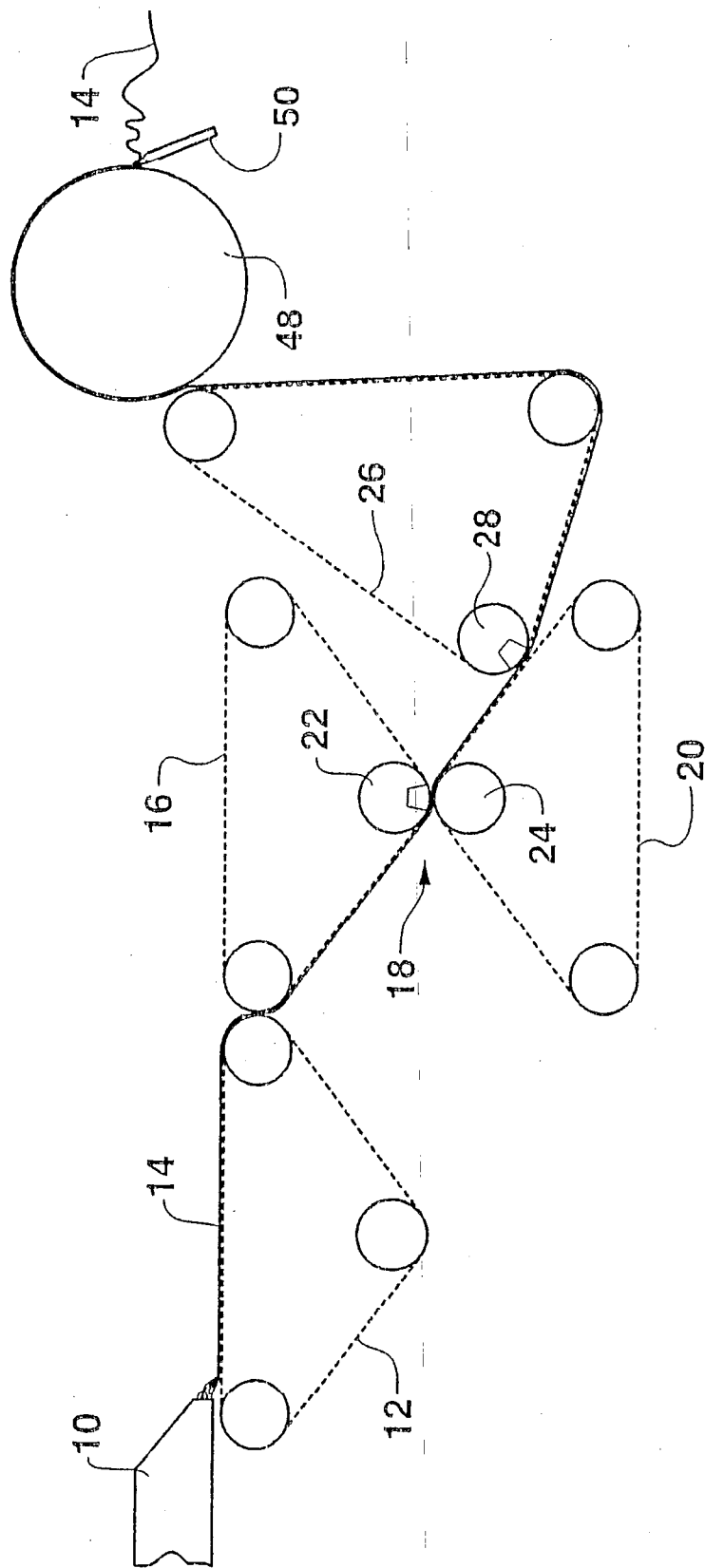


FIG. 1

103

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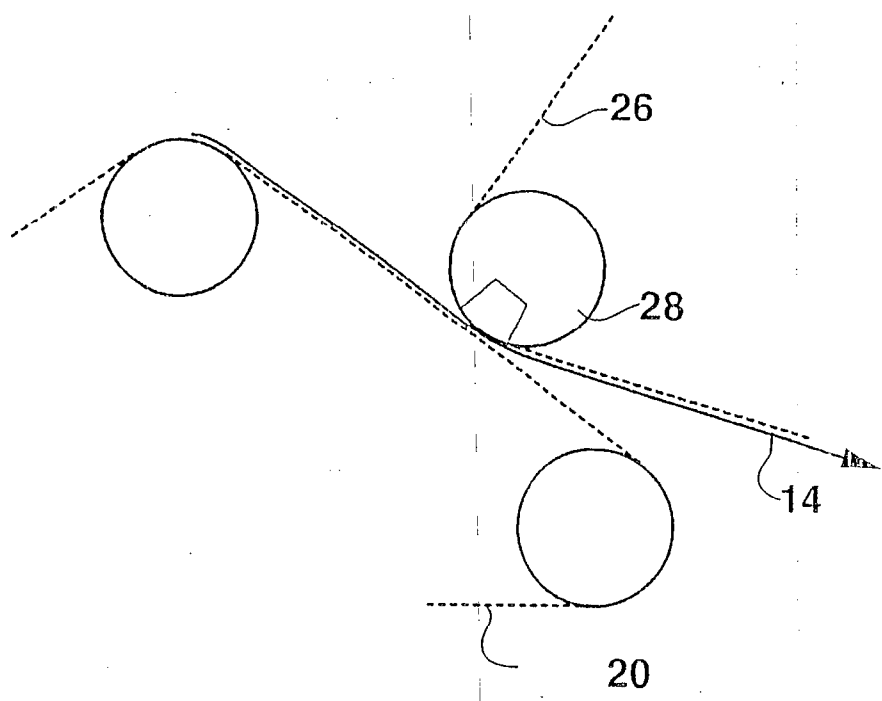


FIG. 2

Tasa de Fluido Intervalos Test-T

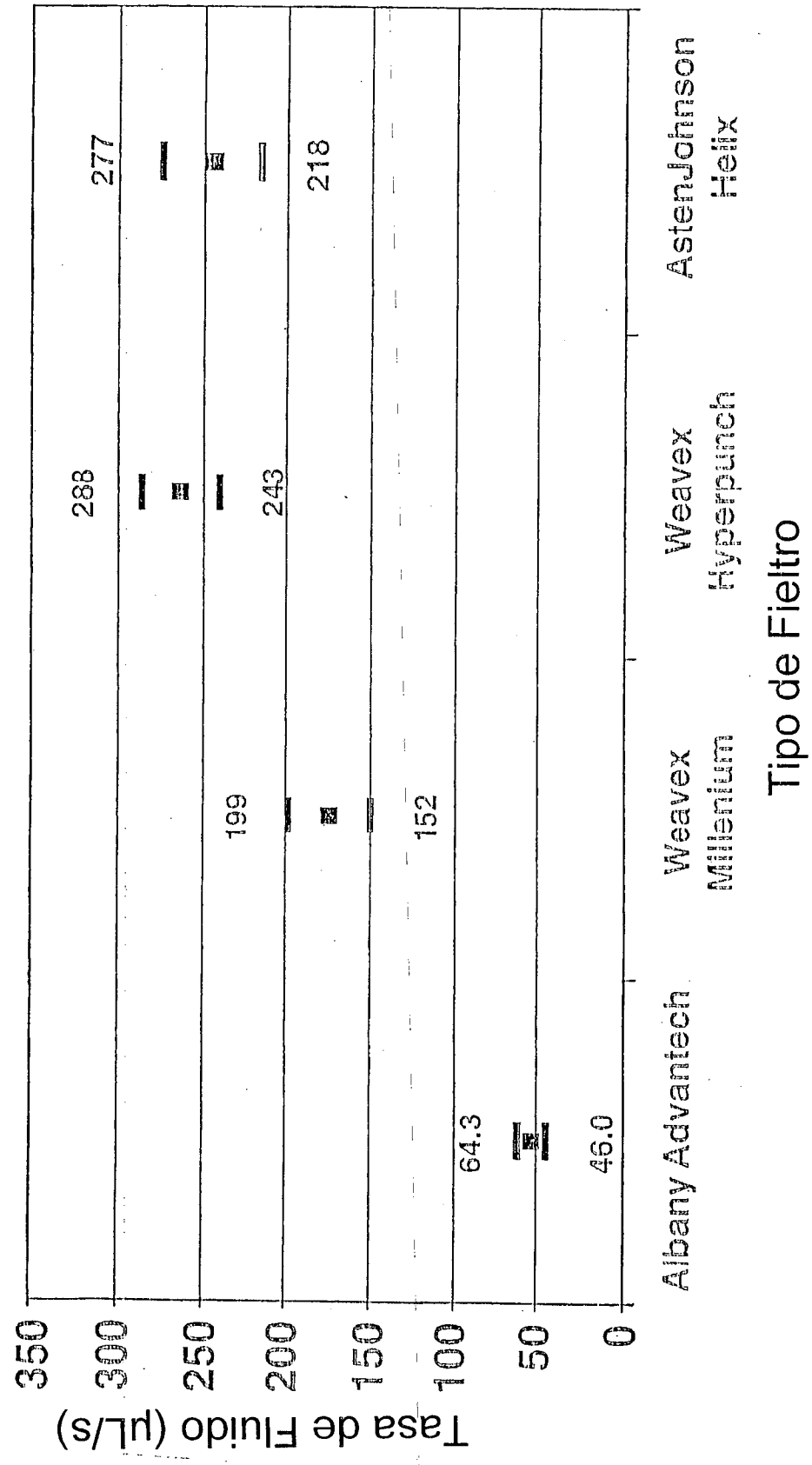


FIG. 3

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PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY
(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference 20115	FOR FURTHER ACTION	See item 4 below
International application No. PCT/US2005/033793	International filing date (<i>day/month/year</i>) 21 September 2005 (21.09.2005)	Priority date (<i>day/month/year</i>) 21 December 2004 (21.12.2004)
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237		
Applicant KIMBERLY-CLARK WORLDWIDE, INC.		

1. This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 *bis*.1(a).
2. This REPORT consists of a total of 6 sheets, including this cover sheet.

In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.

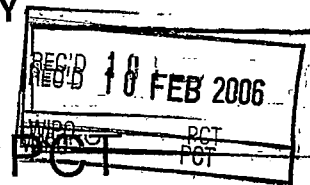
3. This report contains indications relating to the following items:

☒ Box No. I	Basis of the report
☐ Box No. II	Priority
☐ Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
☐ Box No. IV	Lack of unity of invention
☒ Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
☐ Box No. VI	Certain documents cited
☐ Box No. VII	Certain defects in the international application
☒ Box No. VIII	Certain observations on the international application
4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis .2).

	Date of issuance of this report 26 June 2007 (26.06.2007)
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. +41 22 338 82 70	Authorized officer Philippe Becamel e-mail: pt12.pct@wipo.int

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY



106
*

To:

see form PCT/ISA/220

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1)

Date of mailing
(day/month/year) see form PCT/ISA/210 (second sheet)

Applicant's or agent's file reference
see form PCT/ISA/220

FOR FURTHER ACTION
See paragraph 2 below

International application No.
PCT/US2005/033793

International filing date (day/month/year)
21.09.2005

Priority date (day/month/year)
21.12.2004

International Patent Classification (IPC) or both national classification and IPC
D21F11/14

Applicant
KIMBERLY-CLARK WORLDWIDE, INC.

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☒ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA"). However, this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of three months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA:



European Patent Office
D-80298 Munich
Tel. +49 89 2399 - 0 Tx: 523656 epmu d
Fax: +49 89 2399 - 4465

Authorized Officer

Karlsson, L
Telephone No. +49 89 2399-8424



**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/US2005/033793

107
80

Box No. I Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
 - ☐ This opinion has been established on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
 - a. type of material:
 - ☐ a sequence listing
 - ☐ table(s) related to the sequence listing
 - b. format of material:
 - ☐ in written format
 - ☐ in computer readable form
 - c. time of filing/furnishing:
 - ☐ contained in the international application as filed.
 - ☐ filed together with the international application in computer readable form.
 - ☐ furnished subsequently to this Authority for the purposes of search.
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/US2005/033793

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A

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes: Claims	1-19
	No: Claims	
Inventive step (IS)	Yes: Claims	1-19
	No: Claims	
Industrial applicability (IA)	Yes: Claims	1-19
	No: Claims	

2. Citations and explanations

see separate sheet

Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

see separate sheet

Re Item V.

1.1 Reference is made to the following documents:

- D1 : EP 0 625 610 A (KIMBERLY-CLARK CORPORATION; KIMBERLY-CLARK WORLDWIDE, INC) 23 November 1994 (1994-11-23)
- D2 : US 6 423 186 B1 (TROKHAN PAUL DENNIS ET AL) 23 July 2002 (2002-07-23)
- D3 : EP 0 400 843 A (VALMET-AHLSTROM INC) 5 December 1990 (1990-12-05)
- D4 : US 6 193 839 B1 (AMPULSKI ROBERT STANLEY ET AL) 27 February 2001 (2001-02-27)
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- D7 : US 4 482 429 A (KLOWAK ET AL) 13 November 1984 (1984-11-13)
- D8 : US 5 178 732 A (STEINER ET AL) 12 January 1993 (1993-01-12)

1.2 The present invention refers to a method for producing a tissue product wherein the aqueous solution firstly is dewatered on a forming fabric to a consistency of at least 30%, whereafter the dewatered web is transferred to a transfer felt having a intake rate of less than 150 uL/s. Subsequently the web is transported to a fabric and finally it is passed on to a drying drum and the creping operation.

1.3 D1:EP-A-0 625 610 and D2:US-A-6 423 186 pertain also to a method of making tissue products, wherein the web is transferred from the forming wire to drying drum and creping operation via at least one transfer felt. These documents disclose, however, not a transfer belt having a low porosity which enables a low intake of liquid. Thus, the subject-matter of the amended claims 1 and 14 seem to meet the requirements of Article 33.2 PCT. Furthermore, since this process also leads to improved bulk properties of the tissue products it is also considered to involve an inventive step with regard to the available prior art (Art.33.3 PCT).

1.4 The dependent claim refers to specific embodiments of the invention and are thus also considered to meet the requirements of Articles 33.2 and 33.3 PCT.

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING
AUTHORITY (SEPARATE SHEET)**

International application No.

PCT/US2005/033793

Re Item VIII.

2.1 It appears as the defined testmethod for measuring the intake rate has not been clearly enough defined in the description (see pages 16-18; Art.6 PCT). It is thus suggested to also introduce the essential features of claims 3 and 8 into claims 1 and 14.

2.2 From the description it becomes clear that the press nip also belongs to the inventive idea (see claim 14) and as essential features also should be comprised in claim 1 (Art.6 PCT).

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

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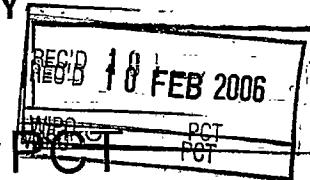
- | | |
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PATENT COOPERATION TREATY

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Fax: +49 89 2399 - 4465

Authorized Officer

Karlsson, L
Telephone No. +49 89 2399-8424



**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/US2005/033793

113
107

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International application No.
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REPUBLICA DE COLOMBIA
SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

Folio 117

2020
Bogotá D.C.,

Doctor(a)
RAISBECK J. IAN
Apoderado(a) y/o Representante de
KIMBERLY CLARK WORLDWIDE, INC.

REFERENCIA	Radicación No.	07 62885
	Solicitud internacional	PCT/US2005/033793
	Fecha inicio fase nacional	21/07/2007
	Trámite	11
	Evento	379
	Actuación	416
	Oficio No.	5122
	Folios	1

Teniendo en cuenta que la solicitud de privilegio de patente que se tramita bajo el expediente indicado en la referencia, reúne los requisitos de forma establecidos en la Decisión 486 de la Comisión de la Comunidad Andina, el Tratado de Cooperación en Materia de Patentes (PCT), el Reglamento y la Circular Única de la Superintendencia de Industria y Comercio, se envía el extracto de la solicitud a la Oficina de Comunicaciones para efecto de su publicación en la Gaceta de Propiedad Industrial.

Cúmplase
Dado en Bogotá DC,

19 DIC 2007

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

adpa10