

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3055211

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	MERGER
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
COMPANIA VIDRIERA, S.A. DE C.V.	02/05/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	VITRO, S.A.B. DE C.V.
<b>Street Address:</b>	SAN PEDRO GARZA GARCIA
<b>City:</b>	MONTERREY (NUEVO LEON)
<b>State/Country:</b>	MEXICO
<b>PROPERTY NUMBERS Total: 7</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	5637128
Patent Number:	5656051
Patent Number:	5807419
Patent Number:	6070524
Patent Number:	6797746
Patent Number:	5125496
Patent Number:	D451758
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(212)949-9190
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	212-949-9022
<b>Email:</b>	sortiz@lawabel.com
<b>Correspondent Name:</b>	ABELMAN, FRAYNE & SCHWAB
<b>Address Line 1:</b>	666 THIRD AVENUE, 10TH FLOOR
<b>Address Line 4:</b>	NEW YORK, NEW YORK 10017-5621
<b>ATTORNEY DOCKET NUMBER:</b>	5992439
<b>NAME OF SUBMITTER:</b>	JAY S. CINAMON
<b>SIGNATURE:</b>	/Jay S. Cinamon/
<b>DATE SIGNED:</b>	10/07/2014
<b>Total Attachments: 6</b>	
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**PATENT**

**REEL: 033902 FRAME: 0595**

OFFICE OF NOTARY PUBLIC No. 25  
RUPERTO MARTINEZ 1033 PTE. C.P. 64000 MONTERREY, N. L.

OSCAR ELIZONDO ALONSO OSCAR ELIZONDO GARZA  
HEAD NOTARY PUBLIC DEPUTY NOTARY PUBLIC

[Shield of the United Mexican States  
that says:  
NOTARY PUBLIC  
HEAD  
OSCAR ELIZONDO ALONSO  
MONTERREY, Mexico  
FIRST DISTRICT

BOOK 128 (ONE HUNDRED AND TWENTY-EIGHT)..... FOLIO 25540  
PUBLIC INSTRUMENT NUMBER: 6,235 (SIX THOUSAND TWO HUNDRED AND  
THIRTY-FIVE).....

IN THE CITY OF MONTERREY, CAPITAL OF THE STATE OF NUEVO LEON, on  
September 9 (nine) 2013 (two thousand and thirteen), I, OSCAR ELIZONDO ALONSO, Notary  
Public, Head of Notary Public's Office number 25 twenty-five, with my practice in the Notary  
District corresponding to the First Registry District, residing in this Municipality, PUT ON  
RECORD:- That JAVIER ARECHAVALA SANTOS, in representation and as Special  
Delegate of the Company called "VITRO", SOCIEDAD ANÓNIMA BURSÁTIL DE CAPITAL  
VARIABLE (PUBLICLY TRADED COMPANY), which Company is hereinafter referred to as  
the "ACQUIRING COMPANY"; and MÓNICA CHAPA ESPINOSA, in representation and as  
Special Delegate of the companies called "FIC REGIONMONTANO", SOCIEDAD ANÓNIMA  
PROMOTORA DE INVERSIÓN DE CAPITAL VARIABLE (INVESTMENT PROMOTION  
CAPITAL STOCK COMPANY) and "COMPAÑIA VIDRIERA", SOCIEDAD ANÓNIMA DE  
CAPITAL VARIABLE (VARIABLE CAPITAL STOCK CORPORATION), which companies  
hereinafter are referred as the "ACQUIRED COMPANIES" appeared.

The appearing parties declare that they appear before me to formalize the merger by incorporation  
performed by the Company called "VITRO" SOCIEDAD ANÓNIMA BURSÁTIL DE CAPITAL  
VARIABLE, as Acquiring Company of the companies called "FIC REGIONMONTANO",  
SOCIEDAD ANÓNIMA PROMOTORA DE INVERSIÓN DE CAPITAL VARIABLE and  
"COMPAÑIA VIDRIERA", SOCIEDAD ANÓNIMA DE CAPITAL VARIABLE, as  
ACQUIRED COMPANIES.

For the foregoing purpose, the following acts are executed:

I.- Notarization of the minutes of the Extraordinary General Meeting of "VITRO", SOCIEDAD  
ANÓNIMA BURSÁTIL DE CAPITAL VARIABLE where it was agreed to ratify the alteration of  
the indenture of mandatory convertible debentures ("MCDs"), the cancellation of 96,714,286  
shares that are kept in the treasury of the Corporation to back up the issue of MCDs, the reform of  
Clauses Two and Five of its bylaws and its merger as ACQUIRING COMPANY, as well as the  
notarization of the minutes of unanimous Resolutions adopted by the all the Shareholders of the  
Companies called "FIC REGIONMONTANO", SOCIEDAD ANÓNIMA PROMOTORA DE  
INVERSIÓN DE CAPITAL VARIABLE and "COMPAÑIA VIDRIERA", SOCIEDAD  
ANÓNIMA DE CAPITAL VARIABLE, as ACQUIRED COMPANIES.

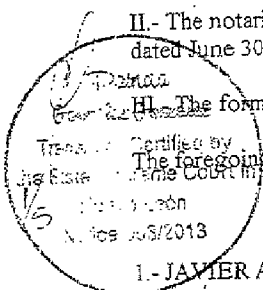
II.- The notarization of the Balance Sheet of the acquiring company and the Acquired Companies  
dated June 30 (thirty), 2013.

III.- The formalization of the merger agreement executed by the aforementioned Companies.

The foregoing is done in compliance with the following:

RECITALS:

I.- JAVIER ARECHAVALA SANTOS, representative of "VITRO", SOCIEDAD ANÓNIMA  
BURSÁTIL DE CAPITAL VARIABLE declares that his principal, on September 5 (five), 2013  
(two thousand and thirteen) held an Extraordinary General Shareholders Meeting, and MÓNICA  
CHAPA ESPINOSA representative of the companies called "FIC REGIONMONTANO",  
SOCIEDAD ANÓNIMA PROMOTORA DE INVERSIÓN DE CAPITAL VARIABLE and  
"COMPAÑIA VIDRIERA", SOCIEDAD ANÓNIMA DE CAPITAL VARIABLE, that on  
September 5 (five), 2013 (two thousand and thirteen) her principals respectively adopted



unanimous resolutions taken by all the shareholders that represent the capital stock of each one of the companies, in which they agreed the following:

- "VITRO", SOCIEDAD ANÓNIMA BURSÁTIL DE CAPITAL VARIABLE,
- a).- To ratify the alteration of the indenture of the mandatory convertible debentures ("MCDs"), done through public instrument No. 5,717, executed before me.
  - b).- To cancel the 96714,286 Series A, Class II registered common shares that are kept in the company treasury to back up the issuance of mandatory convertible debentures of the company and to ratify all the acts done in relation thereto.
  - c).- To reform Clause Two, subject to the fulfillment of a condition precedent, and Clause Five of the bylaws.
  - d).- To merge through incorporation "FIC REGIONMONTANO", SOCIEDAD ANÓNIMA PROMOTORA DE INVERSIÓN DE CAPITAL VARIABLE and "COMPAÑIA VIDRIERA", SOCIEDAD ANÓNIMA DE CAPITAL VARIABLE.
  - e).- The bases for the implementation of the Merger.
  - f).- To appoint Special Delegates to execute the adopted resolutions.

"FIC REGIONMONTANO", SOCIEDAD ANÓNIMA PROMOTORA DE INVERSIÓN DE CAPITAL VARIABLE and "COMPAÑIA VIDRIERA", SOCIEDAD ANÓNIMA DE CAPITAL VARIABLE

- a).- To merge through incorporation, as acquired company, simultaneously with the company called VITRO", SOCIEDAD ANÓNIMA BURSÁTIL DE CAPITAL VARIABLE as acquiring company and "COMPAÑIA VIDRIERA", SOCIEDAD ANÓNIMA DE CAPITAL VARIABLE as acquired company.
  - b).- The basis for the implementation of the Merger.
  - c).- To appoint Special Delegates to execute the adopted resolutions.
- "COMPAÑIA VIDRIERA", SOCIEDAD ANÓNIMA DE CAPITAL VARIABLE
- a).- To merge through incorporation, as acquired company, simultaneously with the company called VITRO", SOCIEDAD ANÓNIMA BURSÁTIL DE CAPITAL VARIABLE as acquiring company and "FIC REGIONMONTANO", SOCIEDAD ANÓNIMA PROMOTORA DE INVERSIÓN DE CAPITAL VARIABLE as acquired company.
  - b).- The bases for the implementation of the Merger.
  - c).- To appoint Special Delegates to execute the adopted resolutions. ....

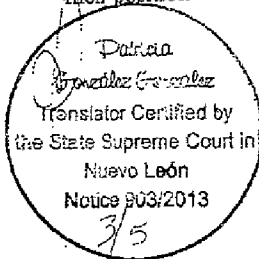
The foregoing is on record in the minutes of: (i) the Extraordinary General Shareholders Meeting of "VITRO", SOCIEDAD ANÓNIMA BURSÁTIL DE CAPITAL VARIABLE", (ii) the resolutions unanimously adopted by all the shareholders of "FIC REGIONMONTANO", SOCIEDAD ANÓNIMA PROMOTORA DE INVERSIÓN DE CAPITAL VARIABLE, and (iii) the resolutions unanimously adopted by all the shareholders of "COMPAÑIA VIDRIERA", SOCIEDAD ANÓNIMA DE CAPITAL VARIABLE, which the undersigning Notary Public attests to having seen and transcribes further on.- 3).- The representative of "VITRO", SOCIEDAD ANÓNIMA BURSÁTIL DE CAPITAL VARIABLE, and the representative of "FIC REGIONMONTANO", SOCIEDAD ANÓNIMA PROMOTORA DE INVERSIÓN DE CAPITAL VARIABLE, and "COMPAÑIA VIDRIERA", SOCIEDAD ANÓNIMA DE CAPITAL VARIABLE, declare that their principals executed the Merger Agreement in which they established the bases for the implementation of the legal act of the Merger.

The document in question shall be transcribed in the body of this Public Instrument.

VITRO, S.A.B. DE C.V.  
EXTRAORDINARY GENERAL SHAREHOLDERS MEETING

September 5, 2013

In San Pedro Garza García, Nuevo Leon, the corporate address of Vitro, S.A.B. de C.V. (hereinafter the "Company"), at 11:00 o'clock on September 5<sup>th</sup> two thousand and thirteen, the people named in the attendance list, which was taken separately and is added the dossier of these minutes as Annex "A" forming an integral part hereof, held a meeting in the auditorium of the offices situated in Avenida Ricardo Margáin Zozaya, No. 400, Colonia Valle del Campestre, all in their position as shareholders or ...



OSCAR ELIZONDO ALONSO      OSCAR ELIZONDO GARZA  
HEAD NOTARY PUBLIC      DEPUTY NOTARY PUBLIC

State of the United Mexican States  
that says:  
NOTARY PUBLIC  
HEAD  
OSCAR ELIZONDO ALONSO  
MONTERREY, Mexico  
FIRST DISTRICT

Accounts receivable from related parties	3,596	Accounts payable to related parties	7,855
Other accounts receivable	1,377	Other accounts payable and provisions	1,025
Inventories	1,513	Derivative financial instruments	26
<b>Total Current Assets</b>	<b>11,198</b>	<b>Total Current Liabilities</b>	<b>10,202</b>
<b>Long-Term Assets</b>		<b>Long-Term Liabilities</b>	
Notes and accounts receivable	5,457	Long-term bank liability	36
Deferred tax	2,259	Accounts payable to related parties	7,089
Other assets	224	<b>Total Long-Term Liabilities</b>	<b>7,125</b>
<b>Total Long-Term Assets</b>	<b>7,940</b>		
		<b>NET EQUITY</b>	
<b>Fixed Assets</b>		Capital Stock	7,582
Land and buildings	371	Other capital accounts	833
Machinery	4,870	Accrued losses	(1,065)
Other	879	Tax year profit	581
<b>Total Fixed Assets</b>	<b>6,120</b>	<b>Total Net Equity</b>	<b>7,931</b>
<b>Total Assets</b>	<b>25,258</b>	<b>Total Liabilities plus Net Equity</b>	<b>25,258</b>

Signature  
Julio César Martínez Gutiérrez  
Special Delegate

### MERGER AGREEMENT

**MERGER AGREEMENT** entered into by and between, as acquiring company, VITRO, S.A.B. DE C.V. (without distinction "Vitro" or the "Company") and, as acquired companies, FIC REGIOMONTANO, S.A.P.I. DE C.V. ("FIC") as well as COMPAÑIA VIDRIERA, S.A. DE C.V. ("COVISA"), in accordance with the following Representations and Clauses:

#### REPRESENTATIONS

1. ... Vitro declares, through its legal representative:

- It is a publicly traded company of Mexican nationality, duly included in compliance with the provisions of the Securities Market Law (Ley del Mercado de Valores) and the General Corporation and Partnership Law (Ley General de Sociedades Mercantiles), with full powers to enter into this agreement through its legal representative.
- The execution of this agreement shall not constitute a breach of any applicable legal provision, any contractual obligation or of any other obligation that is binding thereon.
- It is its wish that FIC and COVISA, as acquired parties, merge by incorporation into Vitro as acquiring company.

Patricia  
García (c) The  
Translator Certified by  
the State Supreme Court in  
Nuevo León  
Notice 803/2013  
45

The Merger and the execution of this agreement was approved by the Extraordinary General Shareholders Meeting of Vitro as well as by Unanimous Resolutions adopted by all the Shareholders of FIC and COVISA, respectively, this September 5<sup>th</sup> 2013.

OFFICE OF NOTARY PUBLIC No. 25  
RUPERTO MARTINEZ 1033 PTE. C.P. 64000 MONTERREY, N. L.

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OSCAR ELIZONDO ALONSO  
MONTERREY, Mexico  
FIRST DISTRICT

close them, g).- To appoint and remove Chief Executive Officers, Executive Officers, General Managers, Managers, Assistant Managers and other employees of the company, establishing their prerogatives, obligations and ordinary and extra remunerations, h).- To grant and revoke general and special powers of attorney, conferring on the attorneys-in-fact the powers they deem fit from among the powers of attorney they have been granted, i).- To accept the resignations of Chief Executive Officers, Executive Officers General Managers, Managers, Assistant Managers and other employees of the company and grant them leave of absence. j).- To delegate one or more powers to one or more Directors, for them to exercise them in the businesses and places he sees fit, k). - To implement the resolutions of the Shareholders' Meetings, l). - To decide what matters should be dealt with in the Shareholders' Meetings and have any items they deem pertinent included in the Agendas of those meetings they did not call, m).- To call Shareholders' Meetings, n).- To draw up Internal Regulations, ñ).- To employ the Company's available funds as well as its contingency and reserve funds for the purposes the law, these Bylaws or the resolutions of the Shareholders' Meetings determine, o).- To set the period, places and terms for the payment of dividends declared by the Shareholders' Meetings, p).- All the rest that the Law, the Shareholders' Meetings or these Bylaws confer thereon.- -I, the Notary Public, attest to having seen the documentation transcribed above. - I ATTEST. -

THIS IS THE FIRST NOTARIAL CERTIFIED COPY: of Public Instrument Number 6,235 (SIX THOUSAND TWO HUNDRED AND THIRTY-FIVE), which in on folios number 25540 to number 25557, of Book 128 (one hundred and twenty-eight), of the open Notary's Register of this my Notary Public's Office.- It consists of (43) pages and is issued as collated and corrected for the use of the acquiring Company "VITRO" SOCIEDAD ANÓNIMA BURSÁTIL DE CAPITAL VARIABLE.

In the City of Monterrey, Capital of the State of Nuevo Leon, on September 9 (nine), 2013 (two thousand and thirteen). - I ATTEST.

(illegible signature)  
OSCAR ELIZONDO ALONSO  
HEAD NOTARY PUBLIC

[Shield of the United Mexican States  
that says:  
NOTARY PUBLIC  
HEAD  
OSCAR ELIZONDO ALONSO  
MONTERREY, Mexico  
FIRST DISTRICT

I, Patricia González González, English - Spanish - English Translator, certified by the State Supreme Court in Nuevo León, Notice No. 903/2013 dated January 31, 2013, do certify that, to the best of my knowledge and belief, the foregoing translated document is a true and correct translation of its original text. The original document consists of (Four) pages.

Monterrey, N.L., Mexico

February 5, 2014

Patricia González González

3/5

SCHEDULE A  
MERGER AGREEMENT

	US Patent No.		
1	5,637,128	COMPANIA VIDRIERA, S.A. DE C.V.	VITRO, S.A.B. DE C.V.
2	5,656,051	COMPANIA VIDRIERA, S.A. DE C.V.	VITRO, S.A.B. DE C.V.
3	5,807,419	COMPANIA VIDRIERA, S.A. DE C.V.	VITRO, S.A.B. DE C.V.
4	6,070,524	COMPANIA VIDRIERA, S.A. DE C.V.	VITRO, S.A.B. DE C.V.
5	6,797,746	COMPANIA VIDRIERA, S.A. DE C.V.	VITRO, S.A.B. DE C.V.
6	5,125,496	COMPANIA VIDRIERA, S.A. DE C.V.	VITRO, S.A.B. DE C.V.
7	D451,758	COMPANIA VIDRIERA, S.A. DE C.V.	VITRO, S.A.B. DE C.V.