

Noli IP Newsletter

NOLI IP SOLUTIONS, PC

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December 2015 Edition

Interesting Facts on Colombian Inventions

By Mariana Noli and Luciana Noli

There are a few reasons why we decided to dedicate the December edition of our NOLI IP Solutions PC's Newsletter to the beautiful country of Colombia.

Cartagena, Colombia. Third, Mariana feel in love with the city of Cartagena and its people which triggered her curiosity about this country and its people's

Some of you may already know that there are several famous inventions by Colombian nationals, such as the Arcadio, Hakim valve, Pacemakers, Lasik, the Artificial Engine Control System Olivo-cerebellar, Colombian solar vehicle, green valves for cars, unbreakable earphones, a cell phone charger that runs on sunlight, water reuse system; however, we hope you enjoy this listing of inventions created by Colombians who, with their creativity, talent and knowledge, improved people's lives and made our world a better place.

First, our esteemed colleague Ms. Monica Hernandez, who joined us last August, is a Colombian native. Second, early this month the XIX ASIPI (Asociacion Interamericana de la Propiedad Intelectual) Congress took place in

contribution to humanity.

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ASIPI Congress in Cartagena, CO

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Ms. Mariana Noli recently had the privilege to represent Noli IP Solutions, PC at the work sessions of ASIPI (Inter-American Association of Intellectual Property) which were held at Cartagena's Convention Center on November 31-December 3, 2015 in Cartagena, Colombia.



Ms. Noli is part of ASIPI's Law Firm Management Committee meeting. For more information on the work of this organization, please check this link: <http://www.asipicartagena2015.com/en>

Control System Olivo-cerebellar, Colombian solar vehicle, green valves for cars, unbreakable earphones, a cell phone charger that runs on sunlight, water reuse system; however, we hope you enjoy this listing of inventions created by Colombians who, with their creativity, talent and knowledge, improved people's lives and made our world a better place.

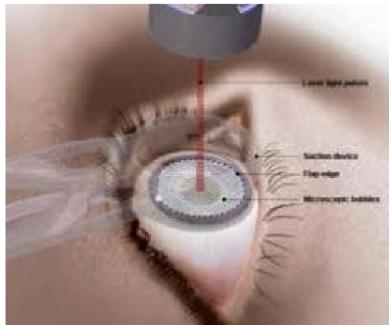


Designed to aid in the cleaning process of landmines in the country without jeopardizing the life of a person, the "**Arcadio**" is a robot developed at the Javeriana University to detect explosive devices underground and off. It is managed by a human being through a laptop from a distance and has intelligent computerized arm.

Respected barranquillero, Dr. Salomon Hakim, invented an attached to a valve, hence the name **Hakim valve**, used to

drain the extra fluid in patients with hydrocephalus catheter which is considered the best invention created in Colombia and recognized worldwide.

Although theory already existed at the time, the first transvenous **Pacemaker** was created in 1958 by the Colombian Jorge Reynolds. This electronics engineer converted these devices from a giant apparatus that the patient had to carry out of their body to small devices of the size of a matchbox used by over 48 million people worldwide.



Foundation of what is now known as **LASIK or refractive surgery**, the distinguished Dr. José Ignacio Barraquer developed in 1963 a surgical instrument designed to cut a tiny layer of the cornea as well as a device capable of freezing tissue in the same order to manipulate it to achieve different refractive levels.

Another famous contribution by one of the most brilliant scientists in the field of neuroscience in Colombia and in the world, Bogota doctor Rodolfo Llinás, is the **artificial engine control system olivo-cerebellar**.



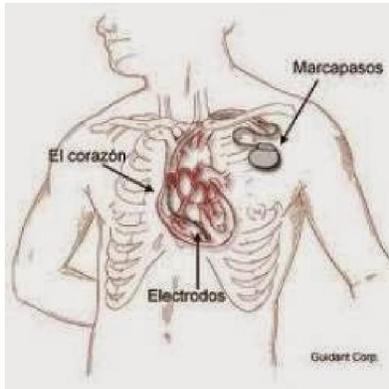
Led by Gilberto Osorio Gómez, Professor of the Department of Product Design Engineering at the EAFIT University, in Medellin, in 2013 a group of Antioquian students created "**Primavera**" (Spring), the first prototype of a 100% **Colombian Solar Vehicle**, which has more than 1,600 solar cells, can travel at an average speed of 100 kilometers per hour and, thanks to its aerodynamic design, saves up to 70% energy.

A company from Bogota, Marclais has been exporting **Green Valves for Cars**, which save between 10% and 15% fuel and reduces gas emissions to Latin American countries such as Chile and Bolivia since 2012.

A group of Electronic Engineering students from the National University, Manizales campus, designed a **Cell Phone Charger that Runs on Sunlight** which works thanks to a solar cell panel, generating the energy needed to charge any mobile device.

Unbreakable earphones for children is the result of the work conducted by Juan David Galindo, an industrial designer at the ICESI

University in Cali, who in 2013 arrived in the State of Florida in the United States as an intern at Marblue, an American company.



Colombian designer Alberto Vázquez created a simple **Water Reuse System**, reusing water from the shower after bathing. The device, which consists of four concave parts, has the capacity to collect 90% of the water used in the shower, which represents between 30 and 40 liters of the precious liquid. Once in the device, the water can be reused for watering plants or filling up the toilet tank.

Entrepreneurship in Colombia: Land of Opportunities for Start-Ups and Inventions

By Monica Hernandez

Colombia has become an attractive land for entrepreneurs. Its growing political stability, decrease in violence, young working population and overall positive economic trend situate Colombia as one of the world's great emerging economies with interests prospects. The world Economic Forum has catalogued Colombia as one of the most entrepreneurial countries in the world, occupying number 4th on the list.

In the beginning of the 1990s, the Colombian government's policy focus shifted toward helping small- and medium-size businesses, which were



viewed as the nucleo of economic development for the country, implementing the so called "*política de*

desarrollo empresarial" (entrepreneurship development policy) to describe its new industrial policy.

Today, this policy has evolved into one that concentrates governmental efforts not on protecting businesses and industries, but rather on eliminating barriers for entrepreneurship development and on driving competition.

The Colombian government has

for solving trademark matters. The average time for a trademark application to be issued or not by an examiner took around 9 months, today the same process takes 5.6 months, even though, the number of applications increased. These statistical facts have a significant importance, Colombia has become an ideal venue for startups businesses.

It is for this reason that Noli IP Solutions PC is very excited to publicly share with you our co-joint venture with the Colombian law firm MY BRAND www.mybrandlegal.com to educate and assist companies and start-up businesses in Colombia to grow and successfully enter the US market. Our passion for start-ups is evidenced by our founder's active participation in many

conferences and workshops with new businesses, particularly foreign companies interested in investing in the U.S., such as Start-Up Chile, San Diego Start-Up Week, 500 Mexico Start-ups, among others.

For more information in connection with this new initiative, please e-mail Ms. Monica Hernandez at monica@noli-ipsolutions.com.

INPI 2015 WORKSHOP ON TRADEMARK RENEWALS

At NOLI IP Solutions, PC, we deeply believe in the constant improvement of ourselves, both as professional legal practitioners as well as human beings. We take pride in the initiative of our members to participate in continuous legal education workshops. In this opportunity, we want to congratulate Ms. Luciana Noli for successfully completing the seminar on "Trademark Renewals" offered by INPI. Congratulations Lucy!!!



On behalf of our NOLI IP Solutions, PC family, we thank you for all support throughout the 2015 year and we hope to continue to work with you in the next year and for many years to come.

Happy Holidays and Prosperous 2016 Year to all of you and your families!