# INVENTION INFO

# 7TH INT'L INVENTORS'S DAY (IIDC)
# VIRTUAL CELEBRATION
# JUNE 13, 2014 - HUNGARY

## 1. PORTUGAL: INVENTARIUM – SCIENCE, INC.

## 2. FIRST EVER PATENTED INVENTION IN PORTUGAL

**2.1 TITLE: "PORTUGUESE PATENT No.1**
***"BRICKS, TILES AND CLAY SHACKLES MANUFACTURE MACHINE"***

**PATENT INFO: Portuguese Patent Office Patent No. 01, issued in February 23, 1853.**

**INVENTOR: GERALDO JOSÉ BRAAMCAMP.**

**DESCRIPTION: Accordingly to the most exact and reliable information collected, a plague of "White Ant" destroyed the first 3 Patents on the Portuguese archive; there are no searchable visual records from the Invention or the Patent documentation.**

**This invention was the first ever registered by the Portuguese Patent Office.**
**It reflects the times when Portugal had to populate enormous Territories of the African and Asiatic Portuguese Colonies, creating new machinery to help developing building construction.**

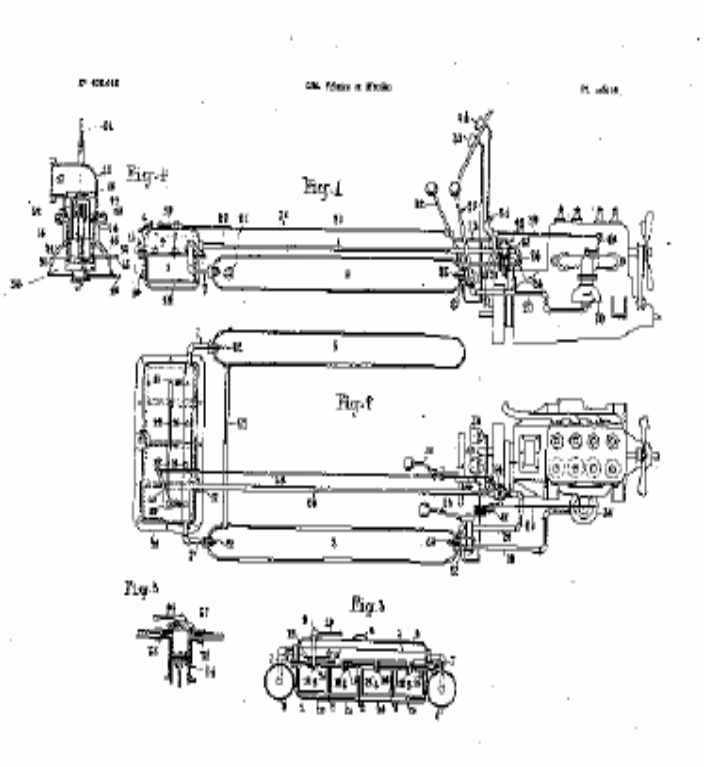
## 3. INVENTORS OF THE 3 TOP PATENTED DOMESTIC INVENTIONS IN THE XX CENTURY

### 3.1 TITLE: *"GERO ADMISSOR - WATER ENGINE"*

**PATENT INFO: No. 17166, issued September 8, 1932**

**INVENTOR: ANTÓNIO JOSÉ RAMOS RIBEIRO**

**Sorry…There are no Available Pictures from the INVENTOR.**



**DESCRIPTION: GERO ADMISSOR allowed the practical use and the industrial application of hydrogen as fuel in all combustion engines. By using gas containers, for storing pressurized gas produced in the GERO ADMISSOR , we see its compression being obtained by the engine itself. Sorry…There are no available images from the test vehicle that circulated for 15 years without any problem.**

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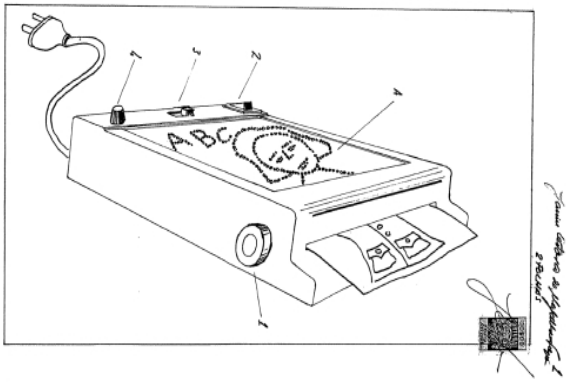



### 3.2 –TITLE: *"ELECTROVISOR - APPARATUS FOR A TOUCH COLLECTION PRINTED IMAGE DESIGN OF LETTERS LARGE OR CONTRASTING PHOTOGRAPHS FOR THE USE OF BLIND"*

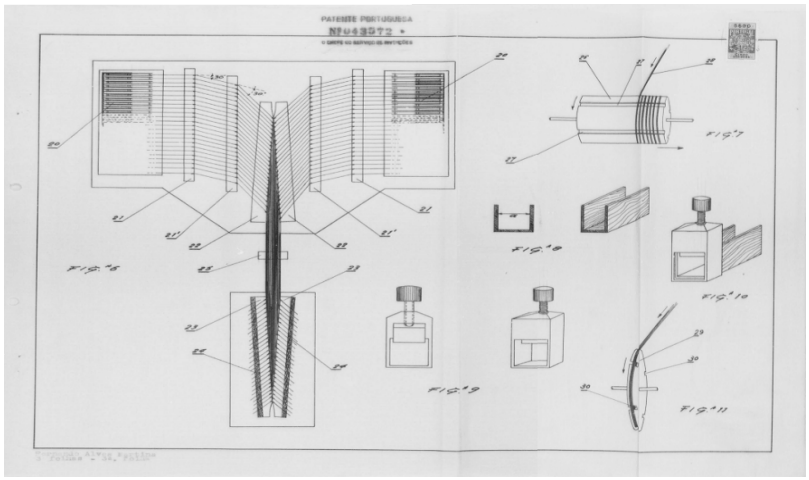
**PATENT INFO: No. PT3002A, issued September May 8, 1981**

**INVENTOR: JAIME OCTAVIO DE MAGALHAES FIL - 1923 – 1992**

**DESCRIPTION: ELECTROVISOR –** Device that read video feed from a high-contrast Video camera, allowing letters on a text, on a book's pages to be translated into a dot matrix that was sensed by the blind's finger via an array of vibrating rods.

## 3.3 - TITLE: "*ENDOSCOPY*"

**PATENT INFO: No. 43572, issued in February 5, 1965**
**INVENTOR: FERNANDO ALVES MARTINS**
**DESCRIPTION: Endoscopy means *looking inside* and typically refers to looking inside the body for medical reasons using an endoscope, an instrument used to examine the interior of a hollow organ or cavity of the body. Unlike most other medical imaging devices, endoscopes are inserted directly into the organ. (Wikypedia revised source)**



**A physician training to use an endoscope**

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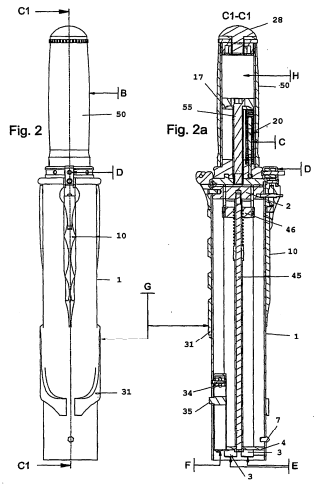
## 4. TOP THREE PORTUGUESE PATENTED INVENTIONS IN THE CENTURY XXI

### 4.1 TITLE: *"BIGGUN – CHILD & ACCIDENT PROOF ROTATING PERCUSSION HANDGUN"*

**PATENT INFO: No. PT103048, issued in November 26, 2004.**
**INVENTOR: Fernando Jorge Maldonado Ferreira Lopes**
**DISCRIPTION: RPH – BIGGUN - The first Less-Than-Lethal (LTL) weapon concept to be demonstrably created in Portugal and in the XXI Century, with the main purposes of saving Human Lives. It brings various defence and safety mechanisms, which combines a high level of defence and effective protection by virtue of its unique characteristics with the advantage of providing greater safety, in order to go some way towards reducing the high firearms accident rate among adults and children. Considered the "World's Safest Weapon".**





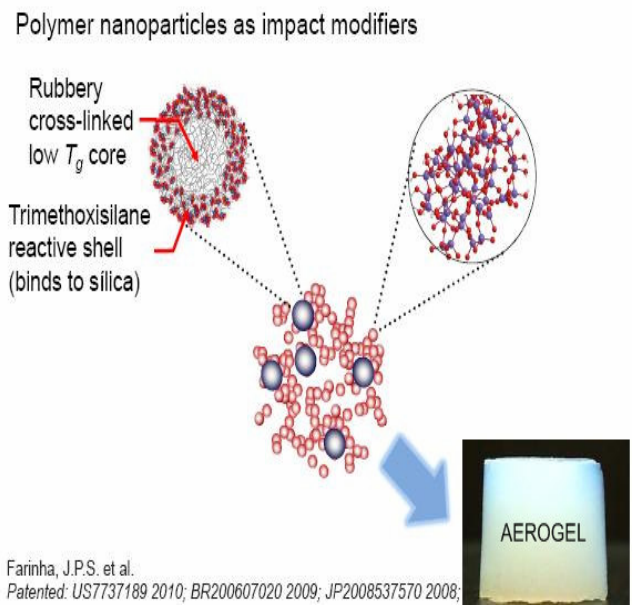
4.2 **TITLE:** ***"PROCESS FOR THE PREPARATION, UNDER SUBCRITICAL CONDITIONS OF MONOLITHIC XEROGELS AND AEROGELS OF SILICA/LATEX HIBRIFS, MODIFIED WITH AKOXYSILANE GROUPS"*** - (SPACE SHUTTLE SHIELDS - AEROGEL )

**PATENT INFO: No. PT2006/000010, issued in April 4, 2006**

**INVENTORS: JOSE MANUEL GASPAR MARTINHO; ILHARCO DE ALMEIDA SANTOS; FARINHA JOSE PAULO SEQUIRA; PEDRO OLIVEIRA MARTINHO and others from Minho University and Instituto Superior Técnico (IST).**




**DESCRIPTION: The process for the preparation xerogels and aerogels of under subcritical conditions. synthesis of these alcogels acid- base catalyst, the polycondensation of a carried out in an organic excess water. A latex polybutyl methacrylate and modified with alkoxysilane synthesized and then mixture either in the first effect its co-hydrolysis with or in the second stage to condensation with the hydrolysed colloidal silica. alcogels are aged, washed,**




**invention relates to a of monolithic silica/latex hybrids In the two-stage in the presence of an hydrolysis and silicon alkoxide are medium containing consisting of polybutyl acrylate, groups, is first incorporated in the stage in order to the silicon alkoxide, effect its co- previously The resulting and dried under subcritical conditions. Resuming, it was found a way to produce a stronger and cheap Aerogel.**

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**4.3– TITLE: "*ESLICARBAZEPINE ACETATE AND METHODS OF USE*"**

**INVENTOR: PATRICIO MANUEL VIEIRA ARAUJO SOARES DA SILVA from BIAL**

**PATENT INFO: PT 2005000006 W, issued in May 05, 2014.**

**DESCRIPTION: New applications of eslicarbazepine and eslicarbazepine acetate in the treatment of intractable conditions, selected from epilepsy, central and peripheric nervous system disorders, affective disorders, schizoaffective disorders, bipolar disorders, attention disorders, anxiety disorders, neurophatic pain and neuropathic pain- related disorders, sensorimotor disorders, vestibular disorders, and nervous function alterations in degenerative and post-ischemic diseases. ###**