

Sadeq Ahmed Qasem
Al-Adan Block 7, Street 17, House 8 [KUWAIT]
E-Mail: sadeq.qasem@hotmail.com
Mobile: (965) 99101332
Date of Birth: 6th of Dec. 1984

Objective:

To obtain a challenging position utilizing my analytical, technical, administrative and communication skills & abilities in your organization with the opportunity for professional growth based on performance.

Experience:

Feb 2012 Sabah AL-Ahmad Center for Giftedness & Creativity– KFAS **Present**
Section Head of Inventions Development

Lead and manage the invention development team; assess and pre-validate the concept given by the inventors; coordinate and monitor the product development process at different stages that includes but not be limited to: designing, developing CAD solutions, planning, estimation, 3D modeling, prototyping, manufacturing, etc.

Jan 2008 / Dec 2011 AL-Sharhan Industries **4 Years Experience**
Products Development & Projects Supervisor

To develop AL-Sharhan existing products and to innovate new products in aerosol, detergents and industrial field. To manage AL-Sharhan presents and future projects from A-Z and making the technical reports for top management according to the performance.

Education:

(A) Jan 2008 Kuwait University KUWAIT
Bachelor degree in Accounting
Graduation Date: 23rd of Jan. 2008

(B) July 2012 Ahlia University BAHRAIN
Master Degree in Business & Administrative
Graduation Date: 12th of July 2012

Skills:

Language/Items	Reading	Writing	Speaking
Arabic	Excellent	Excellent	Excellent
English	Excellent	Very Good	Very Good

- Expert in MS Office Programs & other database software.
- Flowcharts software and establishing process plan using UML.

Personal Experience & Achievements:

(A) Member in Kuwait Science since 1995, Trained in the following Courses:

- Mechanic
- Physics
- Chemistry
- Electronics & Electricity
- Computer

I have more than 20 inventions in different fields & registered patents in USA; also I have the ability to integrate my technical and financial skills in any job I work for.

(B) Honorary Member in Kuwait Society of Engineers.

(C) Member in Initial National Youth Project, which established by H.H. the Amir of Kuwait.

(D) Utility & Design Patent Registration Experience (since 2002)

(E) Holding 3 Utility Patents (2 from USPTO & 1 from GCCPO)

(F) Jury Vice President / Jury Coordinator / Jury Member; for scientific competition, Inventions and Startups business since 2011

International Achievements:

- Gold Medal in Millennium Invention Exhibition [Florida–USA] 2000
- Best inventor award over the middle east [Syria] 2003
- Gold medal in 33rd Geneva invention Exhibition [Switzerland] 2005
- Genius Prize from Hungarian Association of Inventors 2007
- Gold + 2 Silvers + Bronze medals in the International Invention Fair of the Middle East [Kuwait] 2007
- First Place over 7,000 inventor in the middle east by Stars Of Science TV Show and Earned the Title of *ARAB INVENTOR* [Doha – Qatar] 2010
- 2Gold+Silver in 39th Geneva Invention Exhibition-Switzerland 2011
- 4 Gold medals + Best Invention award + Grand Prix Prize in INPEX (invention exhibition in USA) [Pittsburgh – Pennsylvania] 2011
- 2 Gold Medal + Creative Medal + Grand Prix in INOVA (invention exhibition in Croatia) [Zagreb] 2011
- Bronze Medal in Japan Inventions Exhibition Oct. 2012

Personal Achievements:

- Starting my own business in the manufacturing and industrial sector.
- Lead a team of 8 experts in different fields to participate in the international invention fairs.
- Outsourcing for funds in Kuwait private sectors [Sponsors]
- Preparing Short Visibility Study for Factories
- Participating in international conferences with the Kuwaiti Government / Nuclear & Renewable Energy Conference with Ministry of External in Morocco 2011

Training Courses:

1. Analytical Reading of a Company's Financial Statements From Finance Club in Kuwait University & Gulf Invest International Company 30th of Nov. 2007
2. Preparing & Writing Visibility Study from Kuwait Association of Accountants & Auditors 19th of Feb. 2009
3. Preparing & Writing Technical Reports to the Management from Kuwait Industrial Union & KFAS 18th of March 2009
4. Physics, Mechanics, Electrical & Electronics training in Kuwait Science Club
5. Preparing for Project Management Professional Exam 2013

Additional Information:

- TEDx Speaker in Doha 2011 / motivation speech for youth
- Did many seminars about creativity thinking, inventions tips, prototyping process, motivation and small business entrepreneurs:
 - a. George town university – Doha 1
 - b. Kuwait University 7
 - c. Industrial & Technical Collages PAAET 12
 - d. High Schools 33
 - e. Ministries & Gov. Sector 19
- Instructor & Mentor for Product Development Workshop (Feb/March 2015) by the Ministry of Youth

Private Business:

- Establishing a private business for managing commercial projects in GCC region since 2011.
- Managing the financial records for the family retail business since 2013.
- Licensing a product for private investing company in Kuwait by 2014.
- Developing owned patent to be sold for Zigbee Cooperation in USA by March 2015.

Projects Undertaken by Me

1. Waste Water Treatment Unit: This waste water treatment unit was build and installed in 6 months based on the strict regulations stipulated by the Environment Public Authority (K-EPA) of Kuwait under law No. 21 of 1995 as amended by law No. 16 of 1996 regarding environmental requirements and standards in the State of Kuwait. The main aim is to establish a suitable technology and to obtain quotations in and out of Kuwait in order, to build the unit and maintain a comprehensive geo-environmental database of Kuwait along with an enterprise level of Geographic Information System (GIS) for access, update and analysis of the environmental data. Properly managed municipal facilities, such as publicly owned treatment works (POTWs), and wastewater systems, such as separate and combined storm sewer systems, play an important role in protecting community health and local water quality.

2. Inspection & Calibration of LPG Tank: In a world where business margins are shrinking, cost control in transaction of petroleum, LNG, LPG, chemicals and oils is very essential. While storing, transferring, blending or processing, strict consistency in volumetric measures is imperative. Accurate calibration of storage and process vessels is indispensable in maintaining very high standards. A high standard of calibration not only ensures quality products, but also less trouble with customers, govt. department, internal stock taking and accountability. Calibration of tanks is a science of accurately determining the volume in a confined vessel at various stages. Each priced calibrate/inspection of check valve, non-retain valve, relieve valves, thickness of the tank and for the whole pipeline and system for this. Furthermore, to cooperate with the Maintaining Dept., to assign people & to contact a local service supplier in order to implement the whole process of inspection & calibration.

3. Maintenance & Building of new parts of the test pool in the production line: developing and maintain towards the manufacture of 'Aerosol' products. Instead, of buying new section of the damaged parts of the machinery, we build a new frame for the test bath in order to test the leaking in the 'Aerosol' can.

4. Outsource of Packaging & Labeling for new product in Sanitizing & Hygiene.

5. Establishing of New Dept. Assigning its System, Process & Regulation.

6. Establishing & Designing a new 'Online' system in order to monitor & control the process of the Development Dept.

7. Stage Play on Decoration Automation

I have done a project as stage play for the Public Authority for Youth/Sports and the stage play was all about automatic decoration movement. I am happy to say that all my stage

play participations have won the Gold medal in decoration automation.

8. Developing Patents (23) to Pilot products:

i. Automatic Hair Dryer

Description of the Product: The key issue of this invention is the addition of a humidity sensor. This sensor senses the dryness of the hair (especially in areas where user has no sensitive feedback). This sensor activates and deactivates the heater in the hair dryer. In the concept phase the internal processing has been developed that forms the base of the product, adaptive moisture sensing system. Additionally, a form ideation process have been conducted to develop design concepts for both pets and women hair dryers.

ii. Automatic Fire Extinguisher

Description of the Product: The key of this invention is the self-up-righting capability of the extinguishers body. Therefore, it is possible to 'throw' the unit into a fire, where it will upright itself. The nozzle will be activated by the breakage of a heat-activated ampoule (glass-liquid unit). The top-nozzle will randomly dispense the fire suppressant into or onto the fire.

iii. Sub-surface Irrigation System

Description of the Product: The key issue of this invention is to place an irrigation system under a sports-field (grass) or specific crop with a foil added right under the water distributors. Because of the foil the water can't run down and thus it should be easier to reach for the roots. The main reason to feed the plant from below with water, is avoiding heavy evaporation in hot and extreme climates. Important for this invention is a rough estimation of a cost-price per 0.1 hectare (10x10 meters) for installation and the price for maintenance over the years.

iv. Love-making Apparatus

Description of the Product: A love making apparatus for the disabled includes a horizontal support member and a pair of generally horizontal co-planar platforms disposed on the support member with one of the platforms reciprocally moveable with respect to the other along a longitudinal axis. One of the platforms which are stationary includes a foldable backrest while the moveable platform includes a pair of foldable leg supports and a pair of foldable handgrips for providing reciprocal movement. A pair of seatbelts is provided to protect the individuals from falling off to the device. The apparatus also includes a longitudinally extending rod or frame member and two leg members rotatable about the frame member. The two leg members and two rectangular shaped support elements position the platform above a floor.

v. Rotary Tool

Description of the Product: A one or two-piece rotary drill includes a steel shank adapted to fit into a chuck of an electric drill, a drill bit and a frusto conical or frusto spherical file between the shank and the drill bit and all of which are disposed on a common longitudinal axis. The frusto conical or frusto spherical file includes a plurality of crowned teeth about its periphery and wherein each of the teeth have a front cutting side and a back side which includes a plurality of sharp serrations thereon. The composition of the steel tool includes carbon, silicon, molybdenum and chrome. A rotary tool set including a plurality of drill bits and file portions having a plurality of shapes is also disclosed.

vi. Road Sign with LED

Description of the Product: The present invention provides a portable multi-purpose sign and device having a housing with a proximal end and a distal end, a support member positioned on one side of the housing, a collapsible tripod assembly pivotally attached to the proximal end of the housing, a cover having substantially the same shape and configuration as the housing and pivotally attached to the proximal end, and a removable display devices removable mounted on the support member and stored between the housing and the cover in a collapsed configuration. The collapsible tripod assembly further includes a plurality of leg extensions pivotally attached one to another and nestable within one another in a collapsed configuration to house within the housing.

Vii. Surgical Needle Holder

Description of the Product: The present invention relates generally to surgical instruments, and more particularly to a surgical needle holder that provides a driving instrument for a suture needle. A needle holder, also called needle driver, is a surgical instrument similar to a hemostat that is used by doctors and surgeons to hold a suturing needle for closing wounds during suturing and surgical procedures. The parts of a simple needle holder are the jaws, the joint and the handles. Most needle holders also have a clamp mechanism that locks the needle in place, allowing the user to maneuver the needle through various tissues. To maintain a firm grip on the needle, the jaws are often textured and short compared to the handles, thereby increasing the applied force via the lever principle. With the simple needle holder, the handle portion and the jaws portion work together in-plane. One particular problem arises when the surgeon, from an ergonomic standpoint, needs to operate the jaws with his/her hand rotated 90 degrees from the jaw action.

viii. Sandwich Holder & Knife Guide

Description of the Product: The key of this invention is to hold a sandwich to a flat base by means of retractable stainless steel tapes. The base will also provide a pivot for a knife. A removable transparent dome will cover the sandwich during the cutting process and provide a protective knife guard. The pivoting knife will have a slotted pivot to hole to allow the knife to saw through bread in the horizontal position. The device will enable users to cut a sandwich in half while maintaining the ingredients in place. It may include a removable base or flat surface and a pair of upwardly extending parallel walls with an aligned slit in each of the walls for guiding a knife through a sandwich.

ix. Thermal Breathing Bed

Description of the Product: The present invention provides an infant bed having a support frame, an elastically inflatable mattress removably disposed on the support frame, an inflating and heating apparatus operable connected to the elastically inflatable mattress, wherein the inflating and heating apparatus continuously circulates heated air through the elastically inflatable mattress vibrating, expanding, and contracting an upper sleeping surface of the elastically inflatable mattress.

x. Electricity Monitor & Control System - Electricity Infrastructure System (A)

Description of the Product: A system for monitoring and controlling the consumption of electrical energy and for warning a consumer of the status of their use including subsystem that produces three warning levels. The first warning is a visual signal while the second signal is an audio signal. The third signal is an audio signal louder than the second signal to warn a consumer that their supply of power will be interrupted in a given amount of time. The third signal also includes a timer to indicate that the power will be discontinued within a number of minutes. The system also includes an internal electric current restoration unit for reconnecting the supply of power when a preselected period of time has passed or power has been reduced to a preselected level before being interrupted.

xi. Electricity Monitor & Control System - Electricity Monitor Display (B)

Description of the Product: A system for monitoring the energy consumption in a house and cut of the electricity if a pre-set maximum has been reached. This system is connected to a system that warns the user of the impending cut off and allows the user to adjust their energy demand. The system contains two parts, the infrastructure unit, which is oriented on the requirements of the energy supplier. The electricity monitoring display is oriented on the needs of the user. If the system, although being rather restricting, is properly informing and guiding the consumer, it is thought that it would be much speedily accepted. The Infrastructure system is designed such that it starts informing the user in a friendly non-invasive manner (with beeps and a nice-glow), and if necessary becoming more and more persuasive and present (with a loud alarm and flashing lights). Then, the event of a cut-out the user is guided towards the

EMD and when reactivating the system a moment of reflection is required at which point some tips are provided to prevent a cut-off.

xii. Globe Clock

Description of the Description: The largest rotating globe in the world. A light three dimensional construction with an opaque skin Showing land mass, oceans and time zones. When it is dark the globe will show where it is day or night at that moment. When it is dark, one side of the globe will be lit from the inside showing where on earth it is day time at that moment. At the night side, only the cities will be dimly lit to simulate a view of the earth by night. The globe will need power for the rotation and the lighting at night. As the structure is in full sunlight all day and we will need to display an ocean on the glass panels anyway, we will use shimmering solar panels for parts of the ocean. As the sun powers the earth, it will power the Globe.

xiii. Magnetic Sweeper

Description of the Product: A magnetic sweeper includes an upper body portion and a base assembly disposed below the upper body portion and a frame. The body defines a cavity with an open bottom portion. The base assembly includes a non-magnetizable frame and a magnetizable plate supported by the frame and a non-magnetizable collection basket disposed below and offset from the magnetizable plate. A pair of wheels and handle are provided for guiding and propelling the sweeper over a selected area of ground. In addition, the sweeper includes a battery and a solar cell for charging and recharging the battery as well as a pair of coils connected to the battery for generating a magnetic field to thereby magnetize the plate to attract Ferro-metallic debris. Further, a mechanism is provided for dropping the Ferro-metallic material into a collection basket.

xiv. Wheelchair with toilet for use in a confined area with sewage disposal means

Description of the Product: An integral toilet and bidet includes a steel frame including a box shaped section and a generally inverted U-shaped upper frame extending upwardly from the rear portion of the box shaped section. A back is extended across the inverted U-shaped upper frame for supporting the back of a patient. A pair of armrest like members extend forwardly from the inverted U-shaped upper frame. One or more tables are connected to the armrest like members. The wheelchair also includes a toilet, a toilet bowl having a relatively small opening in the bottom portion thereof and a bidet disposed in the box shaped section below the first opening. The bidet includes an upwardly directed nozzle for directing water onto a portion of a patient's body and a plurality of downwardly directed nozzles for flushing the toilet.

xv. Writing Device for Imprinting Braille Characters

Description of the Product: A writing device for imprinting Braille characters on an underlined sheet of paper includes an outer

barrel and a spring biased receptacle stylus together with a spring biased activating member at an opposite end of the barrel. The stylus includes a rear portion and a forward portion of reduced diameter and a point. A forward member is threaded and attached to the barrel and includes a rearward facing shoulder. A first spring is disposed around the forward portion of the stylus, against a shoulder formed by the reduced diameter of the forward portion and the rearward facing shoulder on the forward member. A second spring is disposed at an opposite end of the barrel between a forward facing shoulder on the activating member and a base portion of the barrel for moving the stylus out of said barrel to form a portion of a Braille character.

xvi. Portable Car Cover

Description of the Product: A portable car cover includes a flexible sheet like cover of plastic or fabric and four extendable or foldable legs. Each of the legs is connected to a base member by an adjustment mechanism for positioning the upper ends of the legs to stretch the cover over an automobile. The base members are held in place by the tires of the automobile and the adjustment mechanism angularly off set the legs in a longitudinal and lateral direction.

xvii. Water Supply System

Description of the Product: A water supply system includes a main water tank and a sub-tank of smaller dimensions than the main tank for supplying hot and cold water for household use. The sub-tank is surrounded by a tubular coil of refrigerant in contact with the sub-tank, a layer of insulation and an outer wall for maintaining the insulation in place and protecting the tubular coil and sub-tank from being damaged. A water heater is disposed in or below a lower part of the tank and a three-way switch is provided for selecting heating or refrigeration during different seasons of the year.

xviii. Airbag Equipped Garment & Deployment System

Description of the Product: An airbag equipped garment and deployment system for a motorcycle rider includes an inflatable garment shaped member for encompassing an upper body of a motorcycle rider and a mass of compressed gas. The system includes a first sensor for detecting the separation of the rider from the motorcycle and a second sensor for detecting the tilt of the cycle and deploying the gas when the rider separates from the motorcycle or the tilt exceeds a pre-selected value. A separate sensor senses a collision for deployment of gas in the event of a collision while a separate sensor deactivates the system until the speed of the motorcycle has reached a predetermined speed.

Xix. Electronic Travelling Suitcase

Description of the Product: The electronic traveling suitcase includes a self-weighting feature that displays its weight (including

contents) in pounds or kilograms, as selected by the user, on an LCD screen. Security features include a lock, which can be digitally programmed. Moreover, a programmable electronic traveler's identity and password are provided for additional security. An electric motor powers wheels disposed on the suitcase. The motor is powered by a rechargeable battery. An infrared remote control allows the user to control the suitcase from a distance. A light ribbon is disposed on the exterior periphery of the suitcase and flashes in a unique pattern to allow the user to find the bags among a plurality of bags. A built-in alarm system is provided and triggers when unauthorized personnel handle the suitcase. The device remotely notifies the user when it is being stolen or tampered with. The unit will shock the unauthorized person or thief.

xx. Machine for Drying Field Crops

Description of the Product: This invention relates generally to agricultural operations, and particularly for drying field crops. Field crops of various kinds are commonly dried for convenience in handling and transport, particularly in the case of animal fodder. Such crops are quite heavy when they still contain their normal moisture content from their live state. As a result, it is common to cut such crops, but to leave them in the field for natural drying, and then to gather the dried crops later. While this process is general relatively economical, it may be a false economy, depending upon the environment where the crops are left to dry. In many cases, the residual moisture in the crops provides a suitable environment for various molds and fungi that can ruin the crop and make it unsuitable for either human or animal consumption. In other cases, rain or snow may

impede the drying process to a considerable degree. Moreover, mice and/or other vermin may use the drying field crop for food and/or nesting. It would clearly be better to use some artificial drying process in such circumstances to hasten the drying and gathering process, rather than to leave the crop in the field. Thus, a machine for drying field crops solving the aforementioned problems is desired.

xxi. Combined Set of Interacting Instruments

Description of the Product: A combined set of interacting instruments for constructing and analyzing mathematical figures includes a ruler, an adjustable triangle assembly, a compass and a protractor. The ruler includes an elongated strip of rigid or semi-rigid plastic having a length, width and relatively thin thickness. A pivot point is provided in a general middle portion of the ruler together with three parallel longitudinally extending guide ways along portions of the ruler. One of the guide ways includes a positioning hole for a writing instrument to act as a compass. The triangular assembly includes two moveable elements having first and second ends with the two elements pivotally connected together at one end of each of the elements so they can be disposed in an end to end relationship. The moveable elements also have a guide follower that fits within one of the guide ways in the ruler. A protractor is also made of a thin sheet of plastic material and has a generally flat base portion and actuate upper portion with angular indications between 0 and 180° marked on the base and upper portions. The protractor also includes a pair of guide followers for positioning within a second of said longitudinally extending guide ways.

Xxii: Mr. Abdullah Al Yateem - Environmental Cement

Description of the product: Cement composition is made from a heat activated chemical salt selected from the group consisting of magnesium oxide, potassium oxide, sodium oxide, and calcium oxide and mixtures thereof. This activated salt is the mixed with hydraulic cement in an amount of 2½ to 3½ parts activated salt to one part hydraulic cement and the resulting mixture of hydraulic cement and activated salt is mixed with water and aggregate. In addition, industrial waste may be added to the mix in minor amounts of 5 to 30 percent.

Xxiii: Mr. Fahd Al Azemi - Bee House

Description of the product: A Bee House for housing a plurality of bee hives includes a generally rectangular frame and four upwardly extending opaque fixed walls fixed to the frame and a gable roof having a generally triangular cross-section. The roof has a peak and a pair of eaves or outer edges below its peak and defines a longitudinally extending opening between a pair of roof panels at or along the peak. The Bee House also includes a plurality of shelves for holding three bee hives on each shelf and an air-conditioner for maintaining the Bee House at a temperature of between about 25 degree Celsius and 35 degree Celsius.