

Inventors club

We, the inventors club's members, promise to follow the rules of the club.

We will work at the best of our ability to make the Inventors Club a Successful entity.

The Inventors club will at its best develop and produce every idea the members bring to the club.

Every member will express his/her ideas in writing or in graphic form

I Michael A Castile will take the ideas and transfer them in to reality by developing the ideas into Drawings and prototypes, then patenting

And manufacturing.

Parents are welcome to participate, we need the support of all to make our kids dreams a reality: Doctors, Engineers, Teachers, scientists, Presidents, etc.

The profits of the Inventions will pay for all the Members College, will

Help the member's family in time of needs and will help to develop our neighborhood into a place of respect and pride.

This project called "INVENTORS CLUB" is our project, let's be proud of

Being a part of it, the base idea is to create a Gateway to Success.

"KNOWLEDGE IS POWER"

"PSALMS 34"

DESIGNS PLUS

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Hello, my name is Michael Angelo Castile, Mechanical Designer/Inventor

My 35 years plus experience includes working for the following companies:

Magnesium-Elektron / Madison, Ill.

TURNELL CORP. / ST.LOUIS, MO.

PEABODY ENERGY / ST.LOIS, MO.

WILLIAMS CRUSCHER / ST.LOUIS, MO.

NATOLI ENGINEERING / ST.CHARLES, MO.

ZOLTEK CORPORATION /ST.LOUIS MO. /ABILENE TX.

MITEK INDUSTRIES / EARTH CITY, MO.

DAVID HOUWARD DESIGNS / ST. LOUIS, MO.

PASCO CORPORATION / FENTON,MO

DURBIN DURCO ST.LOUIS, MO.

MISSOURI / UNION PACIFIC RAILROAD / ST.LOUIS, MO.

I can design absolutely everything, from a simple pen to whatever your imagination desire.

I can take any challenge, if I commit I will deliver.

If your company or individual is in need of a new invention

Or modification of an existing one I will design it for you

If you have an idea / invention and have not idea of how to develop it, I will design it thru drawings and built a working prototype for you or your company.

It's not limits, just let me know your needs and I will make your individual or company dreams come true.

The man who has confidence in himself gains the confidence of others.

Michaelangelo Castile
GENERAL DESIGNER / INVENTOR

MICHAEL A. CASTILE
9118 Gedde Av. St. Louis Mo. 63134
(314) 688-3190 designsplusdesigns@yahoo.com

Summary of Experience:

Mechanical Designer/CAD Operator with more than 20 years experience. Solid foundation in product design using multiple software programs including AutoCAD 2D & 3D, as well as Inventor. Has successfully led multiple design projects in variant industries from start up to completion.

Bilingual Spanish / English

A Plus Residential, Inc.

Freelancer Designer / Inventor 04/2012 to present

Magnesium-Electron/ Madison, IL

Designer/ CAD Operator – 02/2008 TO 03/2012

Design, re-design, and update of foundry equipment of a multi-million dollar facility for a new magnesium production plant using AutoCAD 2D & 3D.

Design chain conveyors for hot ovens and new equipment for lab using AutoCAD 2D & 3D

Structural steel detailing, piping and associated systems on 2D & 3D

Plant process flows diagrams using Inventor 2008/2013, AutoCAD 2008/2012, and AutoCAD Lite 2008/2012

Conduct safety trainings

Turnell Corp/ St. Louis, MO

Manager/ CAD Department – 09/2006 to 01/2008

Supervise the CAD Department

Work on design of multi-million dollar cement plant using AutoCAD 2D & 3D

Structural steel detailing using AutoCAD 2D & 3D also Inventor 2008/2013

Peabody Energy (Contract Project under Turnell Corp) / St. Louis, MO

Consultant – 10/2006 to 11/2006

Steel details checker

Williams Crusher/ St. Louis, MO

Project Designer/ CAD Operator – 09/2004 to 03/2006

Designed new and redesigned existing equipment for various industries using AutoCAD 2006 3D and Inventor 3D

Also responsible for correspondence (both verbal and written) with Spanish speaking customers

Natoli Engineering Co/ St. Charles, MO

Engineering Manager – 10/2003 to 02/2004

Supervised and managed the engineering department

Designs using Solidworks CAD system

Zoltek Corporation/ St. Louis, MO/ Abilene, TX

Technical Engineer/ CAD Operator – 04/1997 to 09/2003

Designed new and redesigned existing equipment for the manufacturing and production of carbon fabric using AutoCAD 2D & 3D

Mitek Industries/ Earth City, MO

Designer/ CAD Operator – 02/1996 to 03/1997

Designed Ergo-Dynamics products and improved existing products using AutoCAD 2D & 3D

Translated operating manuals from Spanish to English ensuring complete and accurate information

Processed projects via Symix software for inventory control and bill of materials

David Howard/ St. Louis, MO

New Products Designer/ Inventor – 03/1993 to 12/1995

Designed prototypes of gasoline powered engines that improved gas mileage and controlled pollution to meet national standards, using AutoCAD

Pasco Corporation/ Fenton, MO

Technical Engineer/ CAD Operator – 04/1987 to 01/1993

Designed customer material handling equipments including palletizers, pallet dispensers, and conveyors

Custom designed systems

Steel detailing using AutoCAD

Missouri Pacific Railroad/ St. Louis, MO

Draftsman/ CAD Operator – 02/1980 to 10/1986

Designed box cars break systems

Worked on development of new cabooses

Developed a system to project the discard of coal box cars (winter)

Education:

AutoCAD List Programming, Intergraph

St. Louis Community College- St. Louis, MO

Mechanical Design/ Manufacturing Process

St. Louis Technical College- St. Louis, MO

Certified Programmable logic controller

Texas State Technical College- Abilene, TX

Drafting Software:

AutoCAD (2D & 3D), AutoCAD Lite, Inventor (2D & 3D)