

PEDIGREE for Carmine Cifaldi 9-23-2007

2007- Sept 23, 2007. Conceive a “**Living Book Concept**”, (**NOT** the Bible). Publish a Book. The **DAY after printing**, (or week(s), month(s), or even years after printing, find new additional material. SEE “**LIVING BOOK**” on Website www.cifaldi.org See also Note # 33

2007- June. Accumulate material for book ©1978 **Introduction to the Ideal Educational System** “**TWO TEACHERS IN EVERY CLASSROOM**”(TTEC), to be published in **NOVEMBER 2007**.

2007- May 1, Published a highly comprehensive document about the Manufacture of Black and White Television Picture Tubes (CRT's), in **Wikibooks**, which is located at:
http://en.wikibooks.org/wiki/Television_Manufacture_and_Repair OR at **GOOGLE** : **Television Manufacture and Repair** OR WWW.carminecifaldi.com or see via Yahoo, www.cifaldi.org See also: **Google, cifaldi,carmine**

2003 – **Hybrid Autos**, (not the author's), being sold in **California** in **2000**, being sold, increasingly in the U.S.[and back-ordered **2004**]. In **2007** such represents the wave of the future. **Its time has come**. See **1963** T.E.C. **herein**.

2002 – April 16, 2002 Issued **Patent # 6,372,978 B1**. Patent Granted **43 Claims HS2 Solar Heater** (with extended BTU storage capability), via super-dense material in **fluid repository**, which also precluded **freezing problems**; also with super-efficient sun-collection capabilities . **Info available ... GOOGLE ... & ... ASK us.com ..** (See... **cifaldi,carmine**)

2000 – Oct 5, -- Solved code in **Hebrew Bible** **Info available**

2000 – Conceived, designed an automobile **Child Restraint Seat System** with unique characteristics, far superior to anything on the market today **NOT** Patented. **Info available....**

2000 – Conceived, designed, built, successfully tested in **1956**, **ION BEAM WELDER**, circa **1956, .. 1965**, for use in a vacuum or Outer Space. Notified **NASA**, as perfect for **NASA's Space Station** construction/modulization, then currently being done, see **1965** herein. Unknown if used ! ? !
Info available....

1998 – August 1, authored a **(6)** page document on **Swift-Water Rescue** techniques for **shore-based rescuers**, **boat-equipped rescuers**, with particular emphasis on the **proper use** of **Helicopter** in rescue modes. Sent copies to **210**

Mayors, living on or bordering large bodies of water, throughout the United States. See document on www.cifaldi.org Info available

NOTE: Received positive response from Eight (8) different Mayors. (3) weeks later, the City of **New York** practiced some of those techniques on Long Island Sound. Matter of public record (newspapers).. Info available

1997 – Dec 30, Received Patent # 5,703,636 for the **High Resolution Optical Communication System**--[Full motion, in Real-time, Video Telephone], (**HIROCS**); [**2,000 Line System**], { **DECADES** ahead of the Japanese HDTV}.

This was based on my Television background and my **1950s** era foray into High Definition Movie Camera Filming of a **Laparoscopic Gall-Bladder Removal**. See Patent Office complete disclosure at (**cifaldi, carmine**) in **GOOGLE** , (U.S.), as well as **ASK us.com** www.carminecifaldi.com

1996 May 14, Filed for Patent on (**Video Telephone**), **High Resolution Optical Communication System (HIROCS)**, as per drawing of 5-3-1996. See **1st** hand-drawing on Website www.cifaldi.org

1991 Experimented with Fiber Optic Cable to transmit **Ultra-high definition, Color VIDEO Telephony**, with the accompanying Audio, including **high-speed transmission of Data**. It also included a Security system, for local/State/Federal implementation. as well as meter reading. See **1997 - Dec 30** and **1956 “designed and built ”** herein.

1985 Oct 3 Received Law Degree from **Blackstone School of Law**, Dallas, Texas. Received credit for **122** Units, representing completion of **3,660** hours of study. See Picture and other relevant data on www.cifaldi.org

1983 Appointed **Chairman of Passaic County, N.J. Energy Commission**. Served for (**6**) months, then resigned. I notified the **Carter Administration** (& every Presidents’ administrations thereafter), of what I would do to ease, if not solve the Energy problems facing the U.S. See official calling card on www.cifaldi.org {**Still valid Information available Sept 2007**}

1983 – Personal energy-advisor to State Senator of N.J./ **Paterson, N.J. Mayor Frank X. Graves**; **State Assemblyman Ozzie Pelecchia**; **Passaic County Freeholder Director Edward O’Byrne**. As such, represented the State of N.J. in Washington D.C., for Federal funds for Passaic County, with Assemblyman Pelecchia. Ultimately got **NONE**. Matter of Public Record. Info available

1980 – **Built Electronic devices**, from parts, with **plug/unplug capabilities**, much like Dell Computer start-up. Unplug one bad part of (6), replace with a spare, return to office and repair broken part, when time permitted.

1978 – March 11, offered to set up a T. V. Tube Manufacturing Plant and Cabinet-manufacturing operation. **I also** promoted **Intra-School T.V. hook-up**, linking all schools in the **Dominican Republic**, (just like **Paterson School District** did under my advisement), in **1999**).

Never came to fruition because my contact, a leading candidate for the Presidency, was assassinated. Later, Educational part of Document suggested a modern, unique, effective, highly Technological Educational System, **The Ideal Educational System ©1978 “Two Teachers in Every Classroom**. See Book of **Nov. 2007** of that name.

1978 – Started a **3,360-hour** course in Law, and was awarded a **Law Degree** by **Blackstone School of Law, Texas**, See **1985 Oct 3, herein** Picture of Diploma, & other relevant data on www.cifaldi.org

1976 – Received Six (**6**) **month** comprehensive course, in **Analytical Accounting**, with a private tutor (**CPA**), from a New York Accounting firm.

1975 – Took Computer Programming course (**6**) week, **95 hour** duration] with **RCA**, 11th St., Manhattan, N.Y.C. – Received degree. **More info**

1967 – Invented, designed, built (on the roof of a box-fabricating factory) in Paterson, New Jersey , an **Hybrid Solar Heating Unit**, Hot water/Hot air, using the Sun and Wind as energy sources. Achieved **180-degree** air being introduced inside the building, outside temperature, (**0**)-degrees Fahrenheit, **25 M.P.H.** wind speed, bright sunny day. **Patent # 6373978 B1**, modified later (**April 2002**) using hot water, super- efficient collection system, coupled with enhanced heat-storage capability. See **GOOGLE & ASK us.COM**

1966 – Experimented with radioactive materials, (**Radium D** – half life **1,500** years) in conjunction with work related to **Atomic Energy Commission** in (**Washington D.C.**). **Info available**

1965 – Built and sold T.V. tubes used in RCA, Sylvania, GE, Sony, Sharp, Sony, Olympic Radio, T.V. Sets, {See Book: **The Ideal Educational System, Two Teachers in Every Classroom**, Nov. 2007. **Info available**

1965 – Conceived, designed, built a **Ray-Gun** (Electron-Beam precursor to Ion-Beam welder), for my son’s school science project. See **2000** herein – Electronic **ION Beam Welder**. Picture on www.cifaldi.org **Info available**

1965 – Built, sold **3-gun color tubes**, by-passing **Japanese Patent for Trinitron**. Ultimately, manufactured **Trinitron** in the U.S., for Sony, via **Olympic Radio, Long Island City**. **Info available**

1964 – Designed, built, sold **Bombarders, (Low-frequency Microwave Units)** for **heavy-metal heat treatment**. Shipped **(5), 50\60-cycle units** to **Italy and France**, as well as other U.S. Corporations. **Info available**

1964 – Invented, designed/built/used, equipment to fabricate **Metal Picture Tubes** (glass to metal seals), successfully, mitigating the difference of expansion ratios. Manufactured, **implosion-proof radar tubes**, **30 inch round-metal, laminated, with special phosphor (P1)**, under special contract with **Fairchild/Dumont**, for the **U.S. Navy**. **Info available**

1964 – Designed/built, **20-Kilocycle**, (now **Kilohertz**) prototype, with **2,000-Watt output, Ultrasonic Drilling-Machine**, [could drill **square** holes, as well as other normally-unachievable hole types], for **Sheffield Corp.**, Division of **Bendix Aviation**, in **Ohio**. **Info available**

1963 – Designed, (**not patented**), Hybrid Energy Car (**T.E.C. – Total Energy Car**), which utilized batteries, along with a **small gasoline engine**; Photo-voltaic solar-cells mounted on roof and hood, **regenerative braking**, wind-operated battery recharging, compressed-air assist, reduced wind-resistance-shaped, automobile.

NOTE: Appeared on T.V. for **(1) hour**, broadcast Nationwide. Similar vehicles being offered for sale in **California** for the year **2000, Washington, D.C. (2001 and Florida 2003)**. Such are much like **T.E.C** indicated herein, but currently still **NOT** using Photo-voltaic Solar Cells, Wind-operated battery recharging and Compressed-air Assist, as envisioned in the T.E.C. **Info available ...**

NOTE cont'd: When interrogated by a panel of experts (of different disciplines), how to take my vehicle cross-country, I told them that the local Electric companies, in each state, **would ... set up poles with recharging battery capability**. It would be activated by special, credit cards, **and would be (a whole lot cheaper to set up and maintain than gas stations)**. **ITS TIME HAS COME (circa 2003)!**

This document, **absolutely** predicts this occurrence by 2010, as more and more Hybrid Cars, (Battery & Gasoline) are built/ purchased, **(FUELED BY**

EVER HIGHER AND HIGHER OIL/GAS PRICES)! NOTE: (FUELED ...interesting CHOICE of words) !

Submitted diagrams and other information to the **(3)** U.S. major Car companies, but was derided for teaching aero-dynamic shape of vehicle **WAS important**. The **NIH (Not invented here)** syndrome, was alive and well. Their view (at that time) was **“With cars possessing 200 to 300 H.P. engines, it is ridiculous to consider lowering wind resistance“!** As at the 1990’s, **ITS TIME HAD COME!**

1962 – Did consultant work, (pioneering), for **Perkin & Elmer , State of Connecticut**, on manufacture of **gaseous lasers**. **Info available**

1961 – Built several different types of **Special Purpose Cathode Ray Tubes** including Oscilloscope Tubes, Stock-market (Electrostatic Deflection Stock Market quotation-devices CRT’s, for **Bunker Ramos – Connecticut**. **Info available**

1960 – Attended **William Paterson College** for approximately **2 ½** years, earning some **42** credits, did not finish, earned **NO degree**. **Info Available ...**

1959 – Designed, developed and used equipment, to apply **Epoxy Resins**. through heated vacuum-ovens for **Electronic Transformer Incorporated**, Totowa Ave., Paterson, N.J. Also used many different types of epoxies for glass-to-glass use, as well as **optical epoxy** (see through). Expert in other **Epoxies** for glass to metal seals, as well as metal-to-metal seals. **Info available**

1958 – Invented, (not patented), a **Solarcell-operated device**, (**activated** by a **flash- light**), capable of killing sound in a T.V. set for bed-ridden son. (Forerunner of **“remote control”** today – forerunner **#2**). See forerunner **#1** herein **1955** **Info available**

1957 – Set-up **(6)** Television Tube Manufacturing Plants in the **U.S.** and **(1)** in **Canada**, since... and see **1952**. (Refused lucrative Russian offer to do same, Cold War Time). See article, **“TELEVISION AND REPAIR”**, http://en.wikibooks.org/wiki/Television_Manufacture_and_Repair

1957 – Designed, built **(6)-position high-vacuum**, aluminizing machine with exceptional characteristics, (also known as **“Sputtering”**). **Info available ...**

1956 –Built my own T.V. Tube Test Set from parts, which tested Picture Tubes, which measured and displayed all voltages being utilized. Measured amount of gas in CRT. Supplied means to **de-focus** the electron beam and **disable “sweep” circuits**, thereby projecting a picture of the Cathode coating. It

displayed a round, lighted spot, [about the size of a Silver Dollar], appearing on T.V. screen. It was “read”/interpreted, (much like a Doctor reads “X-Rays”). THIS, was the **Precursor to Electron-ray Gun Technology**. See 1965 herein. Also see Picture on www.cifaldi.org

This enabled anyone, skilled in the art, to “read” the presentation, (in conjunction with gas reading). This would help to determine the life expectancy of each tube, with 99 % accuracy. (Led to conception, successful testing, of **Electronic Beam Welding**). See 1965 & 2000 herein, precursor to Electron-Beam, Ion-Beam Technology. **Info available.....**

1956 Built my own “Square--wave “ Generator. Built my Oscilloscope, also used my own personally hand-made **Oscilloscope C.R.T.**, therein. Used many times in repairing hundreds of T.V. sets.

1956 **Designed and built** a special-purpose CRT, with **P-1 Phosphor**, (**greenish tint**), which was capable of displaying a **2,000-line** picture , (**U H D**), **Ultra High Definition**. The CRT was used, to be photographed from, and to be used in conjunction with, a High-speed, High Resolution, Film Camera. The resolution of this CRT was **(4)** times more superior, to the **HDTV**, (1,080 lines), as promoted by the Japanese in 1996 some..... 40 years later. **Info available ...**

1955 – Took a 4-year **Engineering Math course** , with a personal tutor, a **Professor**, who was teaching at **Farleigh Dickinson College, N.J.** which was completed, in **(1)** year at **(3) ... (4)** hour days/week, **(NOT including 20 hours of homework per week)** . **Info available ...**

1955 – **Invented/fabricated**, a “**Rube Goldberg**” device, for **bed-ridden** woman to turn on/off T.V. set and change channels, without any assistance from her family. **T.V. sets** at that time featured “**rotary dialed on/off switches**” and “**barrel tuners**”, (which were also activated/employed, in circular fashion.) (Forerunner #1 of “**remote control**” today. See Remote Control fore-runner # 2, 1958. **Info available**

1954 – Invented, designed and had built & operated, **Glass Lathe**, with compressed-air head. Became adept at several types of glasswork. **Info available ...**

1954 – Became adept at repairing Glass Hi-vacuum pumps, **NOT** expert, but comfortable with, Glass-blowing techniques. **Info available**

1954 – Experimented with Electricity-producing Solar-cells and low-wattage relays. See 1958, 1963.

1954 – Designed/built, used a high-capacity **(4)** bed, see-through De-ionizer/

Demineralizer.Designed, built, used, rock, sand, **activated-charcoal** filters for associated water purification equipment. **Info available ...**

1954 Received **1st** patent (patent # [unknown], (approximately **1954**) **Electron Gun Technology**, with a **100%** reliability factor. (Patent assigned to President of Company, I worked for). Designed, developed, built, many improvements for manufacturing T.V. Tubes– acknowledged leader in T.V. Tube manufacture.

1953 – Hired as **Chief Engineer** by Claremont Tube, **5815 57th Drive, Maspeth, L.I., N.Y., (without College Engineering Degree)**, and then Plant Manager for a new facility, in **Long Island City, N. Y.** **Info available**

1952 – Through **1957** set-up **(6)** T.V. tube manufacturing plants in the **U.S.** and also **(1)** in **Canada**, as consulting Engineer. This included design, installation, construction of equipment, electric power lines, gas lines, water lines, drains, siting of manufacturing equipment and training of all initial workers, for all operations, in manufacturing. **Info available**

1951– Became Foreman in **Eureka T.V. Tube**, on **5th Avenue, Hawthorne, N.J.** Did pioneering work on **Hi-Vacuum Mercury-diffusion pumps**, using **Liquid Nitrogen**, (high-vacuum usage). Also worked with water-jacketed, glass–construction, **3-Stage**, Oil-Diffusion Glass-Pumps. Became expert in high-vacuum technology. **Info available**

1950- Took a **10** book, correspondence course , (**6** mos.), generally taught to the U.S. Navy personnel, regarding **basic Electricity** and then **Electronics**. It started with the structure of the Atom, then into magnetism, electricity, followed by the rudiments of Electronics, eventually progressing into full-fledged electronics. Repaired hundreds of television sets.

1948 – Secured a job in T.V. Tube plant, (**Teletube Manufacturing Company**), manufacturing picture tubes, on Marshall Street, **Paterson, N.J.**, for approx. **1-1/2** years. **Info available**

1945-1947 – Joined U.S. Merchant Marines for approximately **2** years (making **1st** trip to France, {approx **45** days} in **1946**, while a Senior in High school). Returned and was graduated with my class. Exempt from all final exams (need **90** or better marks, on report cards, for **ALL** periods, in senior year). Served as business adviser for yearbook.

Served as **Wiper or Fireman**, on **(3)** different ships:

1. (**Moore McCormack Liberty** Ship, (brought grain to **Le Havre, France**);

2. Adrian Victory which transported **600** horses to **Gdynia, Poland** , (thru the **Kiel Canal**, into the **Baltic Sea**);

3. Ernie Pyle, C- 4 Troop-ship, brought German Prisoners of War **FROM** the U.S., back to **Bremerhaven, Germany** and then returned with **3,000+** American G I's, to **New York City**, (to a **Tumultuous Welcome.**).

1945 – Invented a Basketball play (“**Allez-ooop**”), which ultimately, was adopted by the Pros and later Colleges, (albeit, **without their knowledge of my discovery**).
Info available

1945 – Won boxing Light Heavyweight (**175 lb**) Championship, Novice Class, in the “**Diamond Gloves**”, in **New Jersey**, (like “**Golden Gloves in New York**”). See Picture on www.cifaldi.org

1944 - Quit Central High School for **(1)** year. Subsequently, I resumed my education and was graduated from **St. Mary's High School, Paterson, New Jersey**, at **18** yrs of age, in **1946** – tested and found to have an I.Q. of **153**, at age **17**. See graduation picture on www.cifaldi.org

1941 --Attended Central High, **Paterson, N.J.** for **(2)** years, no remarkable grades, except Science – Received a mark of “**100**” on my report card, (in Science), one marking period, other Grades, **merely passing**.

1940 – Designed and used/played, for many years, a unique football play, I named the “**5-Man Out Pass** “ (precursor of the “**Shotgun**” today).
See www.cifaldi.org **Info available**

1939- Built a **Crystal Radio**, then a **Super Heterodyne** (SUPER HET), at **11** years old .

1933-1940 **Primary education:** Attended School #19, **Paterson, N.J.** till **6th** grade; old School #5, for the **7th** grade; new School #5 for the **8th** grade – tested and found to have an **I.Q. of 121** at age **13**, (without my knowledge), see **1944** herein. **Grades, less than remarkable.** **Matter of Public Record.**

For more information about the Author, SEE **cifaldi,carmine** in **GOOGLE**.
ALSO : WWW.cifaldi.org via **Yahoo** or WWW.Carminecifaldi.com via **Google**, for Author's Website.

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