

PEDIGREE for **Carmine Cifaldi** 8-18-2007

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**

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

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** re 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. **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 Tube manufacturing background, and my **1950** era foray into High Definition Movie Camera Filming of a **Laparoscopic Gall-Bladder Removal**.

See picture and Newspaper article, dated **Sept 22, 1997**, in my Website at: WWW.carminecifaldi.com , in which “ **I PREDICTED** that everyone would be using my invention in ...TEN YEARS “ **!!! I WAS HALF RIGHT, ANYHOW!**

More information IS contained in other **NOTES** hereto, and in **NOTE 32**, of NOTES. Also see (**cifaldi,carmine**) in **ASK us.com** AND in **GOOGLE (U.S.)**.

1996 May 14, 1996 Filed for Patent on **Video Telephone**

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

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. **Still valid, Info available**

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 State of N.J. 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, the Educational part of Document suggested a modern, unique, effective, highly Technological Educational System, entitled, “**Two Teachers in Every Classroom**”, ©Copyright in **1978**

1978 – Started a **740-hour** course in Law, and was awarded a Law Degree by **Blackstone School of Law, Texas, October 10, 1985**. **More Info**

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 [Six (**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, in conjunction with, a super-efficient collection system, coupling that 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, etc.** T.V. sets. **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**. **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, (30) inch round-metal, laminated, **implosion-proof radar tubes**, with special phosphor (P1), , for the ..U.S. Navy, ... under special contract, with **Fairchild/Dumont**. **Info available**

1964 – Designed, built, **20-Kilocycle**, (now **Kilohertz**) prototype **Ultrasonic Drilling-Machine** , [could **drill square holes**, as well as other normally-unachievable hole types], with **2,000-Watt output**, 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: When interrogated by a panel of experts on that show,(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. Battery-charging, would be accomplished by activating special, credit cards, (**or credit cards, today**), which would be a whole lot cheaper to set up and maintain than gas stations). **ITS TIME HAS COME ! Hey 2009: HANG IN THERE, IT'S COMING!**

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 **N I H** syndrome, (**Not invented here**), was alive and well. Their view, (at that time), mockingly. Unfortunately, I lost the rejection file, [from all three big car companies, in moving my offices]! **BASICALLY:**

“With cars possessing 200 to 300 H.P. engines, it is **RIDICULOUS** to consider lowering wind resistance“! [Circa 1990's], **NOW THEY BRAG ABOUT IT! I GUESS, ITS TIME HAD finally COME!** I wonder where all those

genius's have gone, who laughed at my submission ? To date , **8-18-2007**, I have **NOT** received one apology ! DITTO, FOR MIXED-ENERGY CARS !

1962 – Did consultant work, (pioneering), for **Perkin & Elmer (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**

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”**, in Wikibooks. **Info available**

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 syndrome, like a Doctor reads “X-Rays”).

THIS, was the **Precursor to Electron-ray Gun Technology**. See **1965** herein. 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 photograph from, and to be used in conjunction with, an High-speed, High Resolution, Film Camera. This was superior to the **HDTV**, as promoted by the Japanese in 1996...**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) . **Info available ...**

1955 – **Invented/fabricated**, a mechanical 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 , operated and had built, **Glass Lathe**, with compressed-air head. Became adept at Lathe and several other types of glasswork, needed in the manufacture of CRT's, such as sealing the Electron Gun, into the neck of the CRT, and repairing damaged, Glass manifolds AND Glass-diffusion pumps. **Info available ...**

1954 – Became adept at repairing Glass Hi-vacuum pumps, **NOT** expert, but comfortable with, AND performing Glass-blowing repairs/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 water purification. **Info available ...**

1953 – 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**, [Claremont Tube Inc.], 5815 57th Drive, **Maspeth, L.I., N.Y.**, (without **College Engineering Degree**), and then as Plant Manager for a new facility, in Long Island City, for the same company.
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, Co.**, on 5th Avenue, **Hawthorne, N.J.** Did pioneering work on, **Hi-Vacuum Mercury-diffusion pumps**, using **Liquid Nitrogen**. 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**, starting with the structure of the Atom, into magnetism, electricity and then the rudiments of Electronics progressing to full-fledged electronics.

1949 – 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. Also repaired hundreds of television sets. **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:

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

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

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

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).

1944 - Quit Central High School for (**1**) year. Subsequently, I resumed my education at, 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**.

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**”). **Info avail....**

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

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, and for complete pedigree .

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