Happy 100th Birthday, Walter!!

Henry Steuber
1828 b Germany -1904
Cabinet maker & undertaker

Charlotte Caple Steuber
1836 b England - 1892
Lived in Le Roy, NY

Henry Millard
1805 -1870
Cabinet maker and machinist

Nancy Brown Millard
1815 - ?
Lived in LeRoy, NY

Daniel Donald McVean
1810 - 1875
Farmer

Catherine Campbell McVean
1824 - 1903
Lived in LeRoy, NY

Hugh D. MacColl
1816 - 1886
Farmer

Jane Ann Wooster MacColl
1825 - 1905
Lived in Caledonia, NY

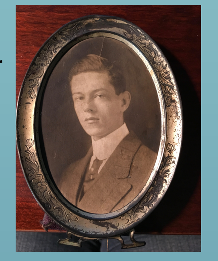
Frederick Augustus Steuber
1855 - 1937
Jeweler in LeRoy, NY

Amanda Millard Steuber
1847-1936
from LeRoy, NY

James Daniel McVean
1846 - 1928
Farmer in LeRoy, NY

Katharine MacColl MacVean
1854 - 1941
Lived in LeRoy, NY

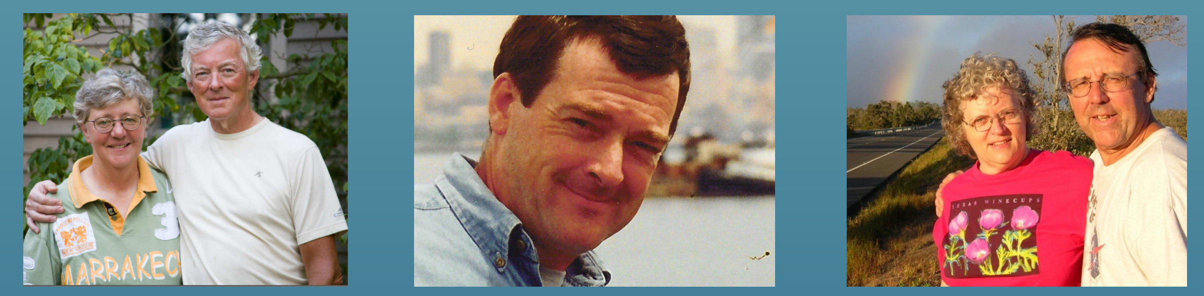
Frederick Walter Steuber
1891 - 1956
Engineer and contractor
From Le Roy, NY

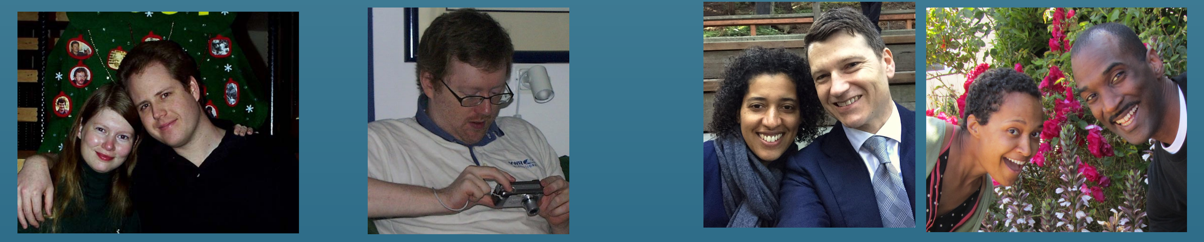


Helen C. MacVean Steuber
1889 - 1988
From Le Roy, NY

Frederick Walter Steuber
1916 -
Research chemist
Lived in Springfield, PA

Eileen Patton Steuber
1919 - 2015
Lived in Springfield, PA



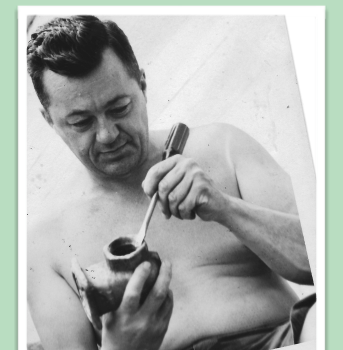


New since 1916

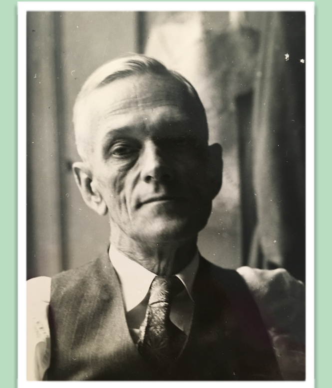
Transistors	LEDs
Antibiotics	Washing machines
Vaccines	Rockets
Computers	The internet
TV, radio, phones	Nuclear power/bombs
Passenger planes	DNA knowledge
Synthetic fibers	Digitalization of info

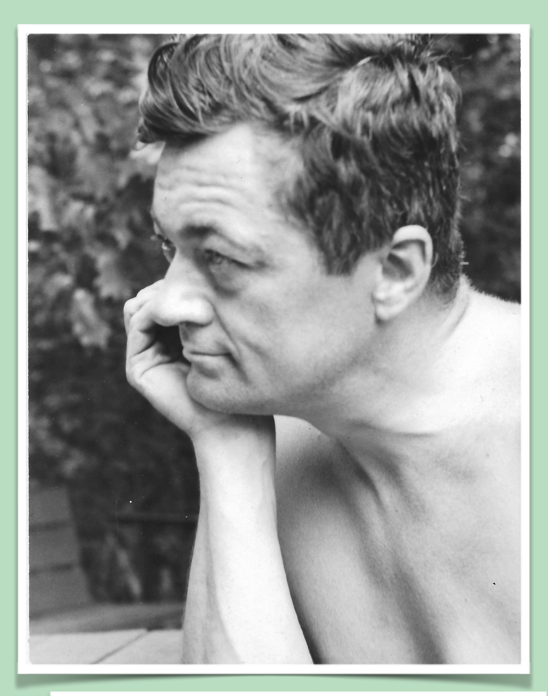
Great events and changes

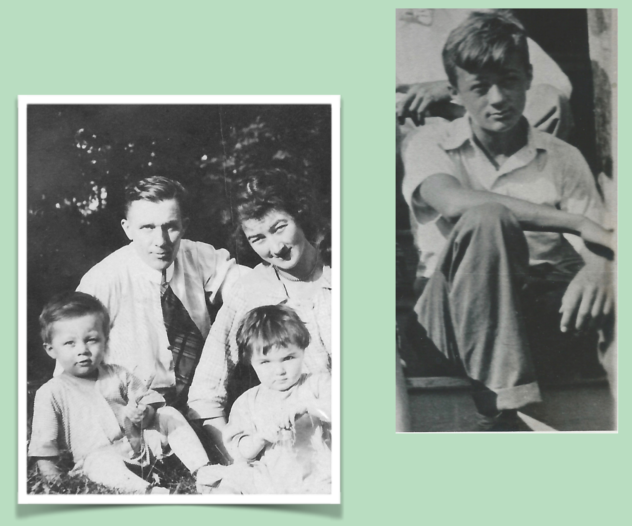
World War I	Influenza epidemic
World War II	Great Depression
Korean War	Vietnam War
Women's rights	Civil Rights movement
Globalization	1.7 to 7.4 billion people
Social Security	McCarthy era
9/11 attack	Multiple assassinations

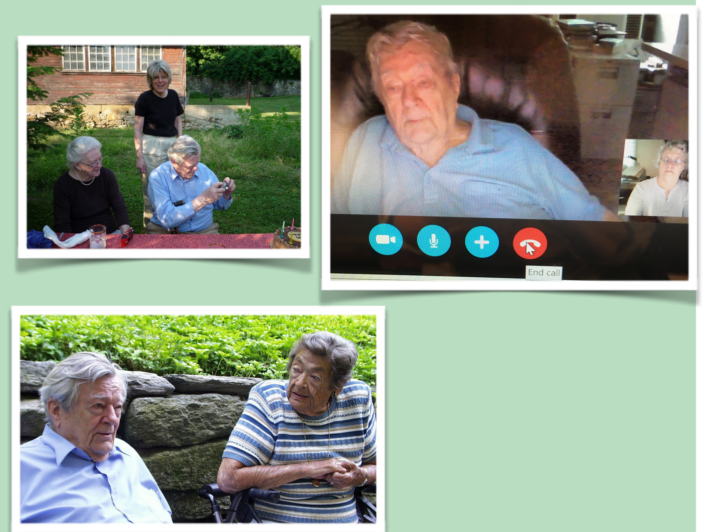


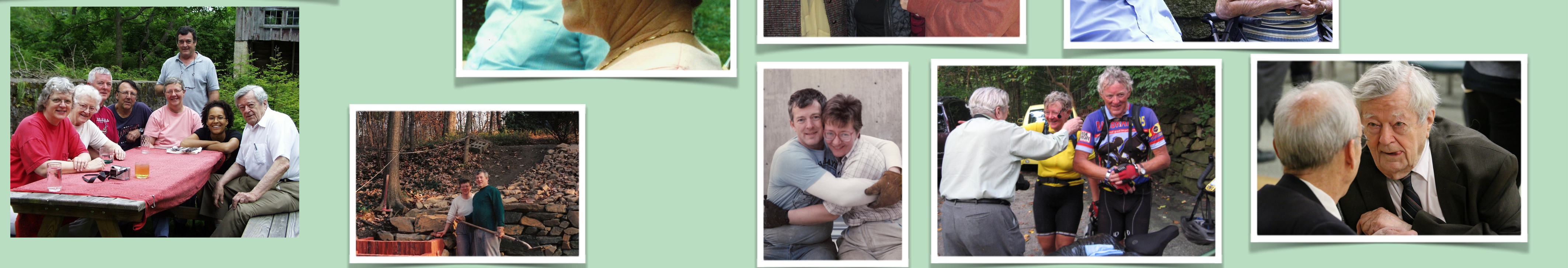
1949 6th Wedding Anniversary







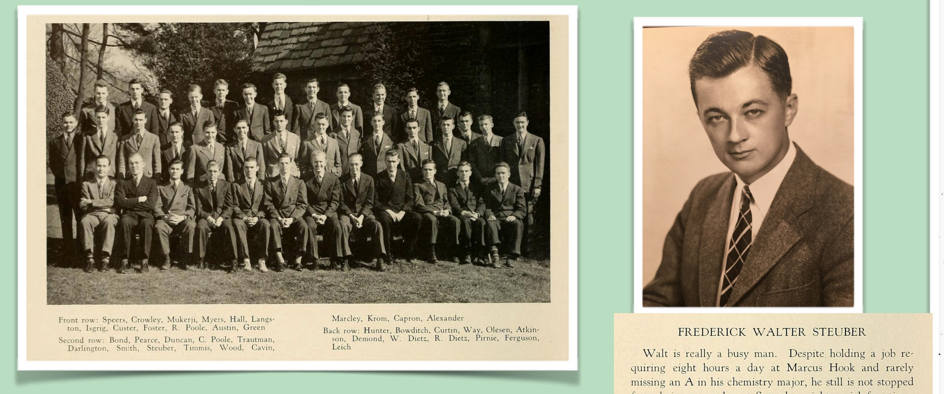




Born in Pittsburgh

1916 | 1926 | 1936 | 1946 | 1956 | 1966 | 1976 | 1986 | 1996 | 2006 | 2016

Attended Swarthmore College 1937 to 1941; fraternity brothers



1945 - Made DDT at home

A Little Study in American Ingenuity and Enterprise

Recent illustration (Number 2, New Series) of the way a bureaucrat's mind works, occurred in Pennsylvania. In two towns there it was discovered that someone was producing the "wonder insecticide," DDT, by gallons and selling it through hardware stores. Elsewhere in the country it was available only to the armed forces or related enterprises.

As reported by Time (magazine), the Pennsylvania DDT came from the cellars of a Swarthmore chemist. The chemist, employed by a nationally known corporation, had figured out—on his own—a formula for DDT that required no priority materials, and he was making the stuff up in his spare time. It is, he asserted, very simple: a mixture of chloral hydrate (the knock-out stuff known as "Mickey Finn"), monochlorbenzine and concentrated sulphuric acid will do the trick. Of course, it is not precise to call it "DDT"—which stands for dichloro-diphenyl-trichloroethane—but the results are identical, and that is what counts.

When the War Production Board found out about what the Swarthmore man had done with his own brains, time, money, energy and nonpriority materials, it pompously ruled that he—or anyone else making such mixtures from nonpriority materials—could sell the result only for "military or experimental purposes." Just as though W.P.B. had any authority whatsoever in such a situation.

Naturally—or perhaps unnaturally—W.P.B. has since discovered that there is actually nothing it can do about the matter. Consequently, it has announced that "regular manufacturers" will be allowed to sell limited amounts of regular DDT to common people, and that small makers—producing less than 1,000 pounds a week—can sell to anyone.

The citizenry should be overcome with gratitude for such bureaucratic magnanimity. However, it is more probable that it will want to thank that Swarthmore chemist, Walter Steuber, for his plain American ingenuity.

1947-1950
Got Ph.D at U of Illinois
then began at DuPont

limard; 15May51; AF0-5382.

STEUBER, WALTER.
Use of the scintillation spectrometer in t[he] investigation of nuclear energy levels. [Thesis—University of Illinois] Ann Arbor, University Microfilms, 1950. Microfilm copy of typewritten ms. Pos[i]tive. ([University Microfilms] Publica[tion] no. 2227) © Walter Steuber; 30Mar51; A56654.

2,441,170
HYDROCARBON CONVERSION BY CONTACT WITH ACTIVE CATALYST AND INERT SOLID HEAT CARRYING MATERIAL
Frank William Rose and Frederick Walter Steuber, Swarthmore, Pa., assignors to Houdry Process Corporation, Wilmington, Del., a corporation of Delaware
Application June 14, 1945, Serial No. 599,344
18 Claims. (Cl. 196—52)

DU PONT
E. I. du Pont de Nemours & Company
Wilmington, Delaware 19898
Textile Fibers Department

Tyvek

United States Patent Office

a share. The award was made in further recognition of your contribution to the definition of the "Lycra" spandex fiber venture.

3,242,120
SELF-SUPPORTING GEL SHAPED STRUCTURES
Walter Steuber, Springfield, Pa., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del., a corporation of Delaware
No Drawing. Filed Mar. 22, 1960, Ser. No. 16,645
3 Claims. (Cl. 260—29.6)

2,935,372
PROCESS OF PRODUCING SHAPED BODIES BY COMBINING REACTIVE INTERMEDIATES, AT LEAST ONE OF WHICH INTERMEDIATES IS IN THE VAPOR PHASE
Walter Steuber, Media, Pa., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del., a corporation of Delaware
Application February 21, 1955, Serial No. 489,684
14 Claims. (Cl. 18—54)

3,044,990
SEGMENTED POLYMER CONTAINING N-ALKYLATED URETHANE GROUPS
Walter Steuber, Springfield, Pa., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del., a corporation of Delaware
No Drawing. Filed Nov. 18, 1958, Ser. No. 774,583
14 Claims. (Cl. 260—77.5)

3,421,181
SPINNERET PLATE
Walter Steuber, Springfield, Pa., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del., a corporation of Delaware
Filed June 24, 1966, Ser. No. 560,275
4 Claims

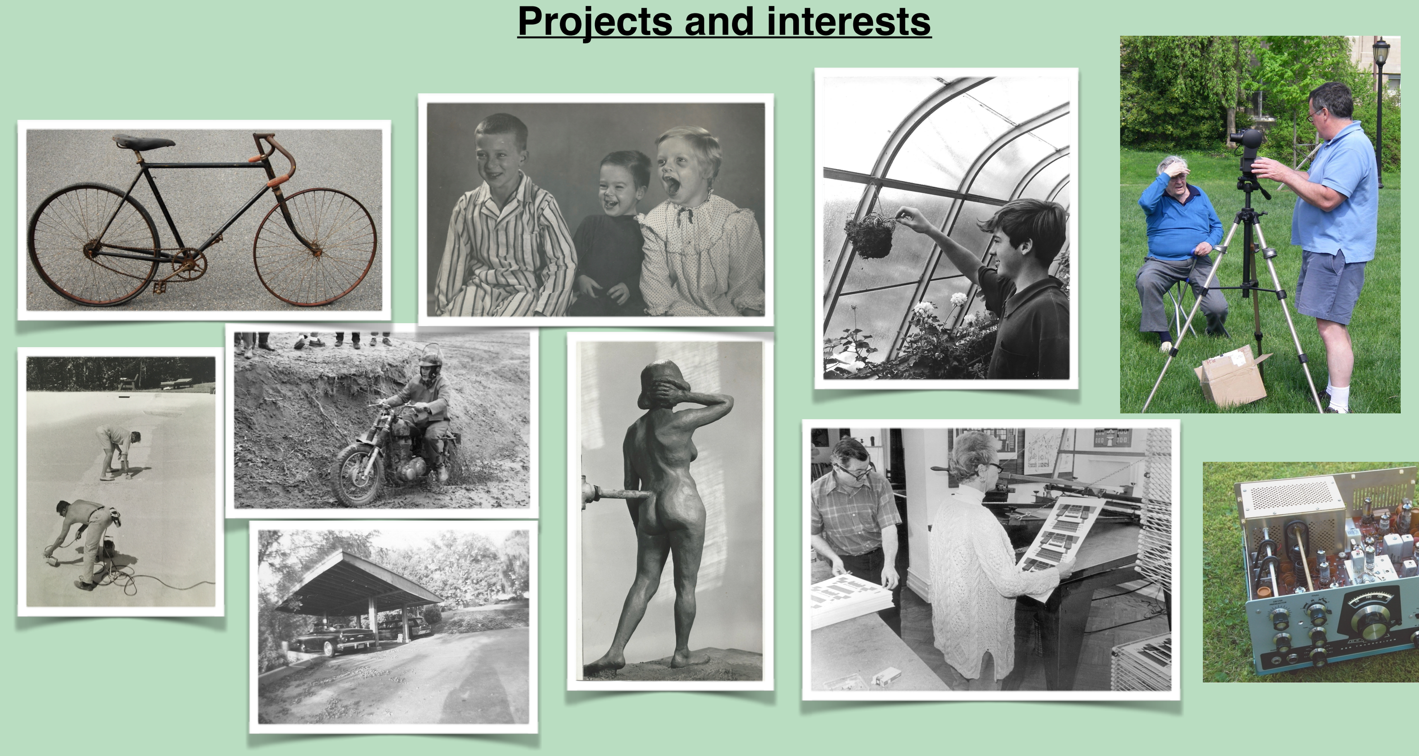
2,813,775
PROCESS FOR FORMING FILMS AND FILAMENTS DIRECTLY FROM POLYMER INTERMEDIATES
Walter Steuber, Media, Pa., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del., a corporation of Delaware
Application February 21, 1955, Serial No. 489,583
20 Claims. (Cl. 18—54)

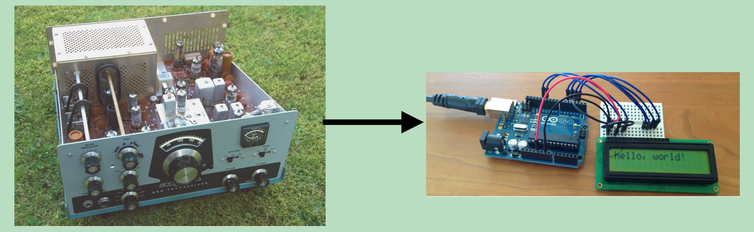
2,929,804
ELASTIC FILAMENTS OF LINEAR SEGMENTED POLYMERS
Walter Steuber, Media, Pa., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application January 31, 1955 Serial No. 485,293
12 Claims. (Cl. 260—77.5)

INDUSTRIAL AND ENGINEERING CHEMISTRY
ANALYTICAL EDITION

1974 Retires from DuPont

Projects and interests





Electronics (to this day! LEDs, Arduino)	
Bicycles	Assembling his first car
Photography	Sculpture
Greenhouse	Creating a tree-mover
Silk screening	Off-road motorcycling
Computers	Photoshop, Visual Basic
Removing garage then building carport	