

Inventions, Innovations, and Events of the Twentieth Century

Year	Item	Inventor	Country	Saturation Rate	Comments	
1900	Paperclip	Johann Vaaler	Norwegian	100	Can you imagine an office without them?	
	Tractor	Benjamin Holt	U.S.		Early tractors were often steam, then came gasoline and diesel models that were more reliable	
	Alpha and beta particle radiation	Pierre Curie	France		This built on Roentgen's (1895) discovery of x-rays	
	Gamma particle radiation	Paul Ulrich Villard	France		Gamma radiation added further to completing the spectrum of radioactivity	
	Rausch & Lang electric car	Rausch and Lang	New York, U.S.		Electric cars (1,575) outnumber gasoline models, but fewer than 1,681 steam-powered cars on the road	
	Industrial Research Laboratory	Charles P. Steinmetz	General Electric, U.S.		In Schenectady, NY, a pioneer in x-ray equipment, lighting, and the development of radio technology	
	Galveston, Texas hurricane				6,000 drown in major hurricane, but Americans build increasingly along shoreline areas.	
	Freud's <i>Interpretation of Dreams</i>	Sigmund Freud (1856-1939)	Austria		Freud creates psychoanalysis with publication of his book, sets stage for 20th century psychology	
1901	Safety razor	King Camp Gillette	U.S.	96	As a result, beards became less popular for a while	
	Synthetic rubber	Bayer, DuPont	Germany, U.S.	88	Bayer in 1910, DuPont's Neoprene in 1931 cost \$1.05 a pound; E. Asia natural rubber: \$.05 a pound	
	Transatlantic cable signal	Giuliani Marconi	Italy		Cornwall, U.K. to Newfoundland, electronic code message anticipates transatlantic telephones	
	Victrola	RCA	U.S.		Emile Berliner's Nipper dog; RCA used a wax disk for Victor records at 78 rpm, built on Edison's original.	
	Crayons	Edwin Binney	Easton, Pa., U.S.		Crayola Corporation sets the stage for educating generations of children in color drawing skills	
	Death of Queen Victoria				Queen Victoria, House of Saxe Coburg-Gotha (1818-1901), symbolized much of the 19th century	
	Theodore Roosevelt becomes President	Assassination of Theodore McKinley	U.S.		Anarchist Leon Czolgosz assassinates Theodore McKinley, bringing T. Roosevelt to the Presidency	
1902	Teamaker	Frank Clarke	U.K.	3?	There will always be an England	
	Vacuum cleaner	Hubert Cecil Booth	U.K.		With everything being sucked up, some houses are designed with central vacuum cleaners.	
	Teddy bear	Theodore Roosevelt?	U.S.		Few names have stayed as long as this, even though TR loved to shoot them most of the time.	
	Enrico Caruso's first recording				Thomas Edison's gramophone takes on a new dimension with the first gramophone recordings	
	Edison Electric Company established				Thomas Edison's new company hopes to use direct current until Nicolas Tesla's AC proves superior.	
	Ford Motor Company established				Henry Ford wants to build cars for the common man, anticipates 1913 assembly line technology.	
1903	Gasoline powered airplane flight	Orville and Wilbur Wright	U.S.		At Kill Devil Hills, N.C., their plane flew less than 1 mile at an average of 6.8 miles per hour.	
	Harley-Davidson motorcycle	William Harley and Arthur and Walter Davidson	Milwaukee, Wisc., U.S.		Motorcycles used in WWI and WWII, become more popular in the 1950's	
	Electrocardiograph	Willem Einthoven	Netherlands		Major advance to analyze circulatory system	
	Publication of <i>The Souls of Black Folk</i>	W.E.B. DuBois	U.S.		W.E.B. DuBois' publication increases awareness of racial inequality, lays foundation for NAACP, activism	
1904	Thermos bottle	Rheinhold Burger	Germany	50?	Great for tea, coffee, and cocoa, basically useless with the bottled/canned soda crowd	
	Hamburger		St. Louis, Missouri Expo	100	Inspired by chopped cooked meat from Hamburg, Germany, it is the dominant U.S. fast food product	
	New York City subway opens				Still one of the world's largest, its stations reflect the architectural technology of the early 20th century.	
	Russo-Japanese war		Japan, Russia		Japan wins fight with Russia over Far East, gradually occupies Korean peninsula, basis for later WW II.	
1905	Portable electric vacuum cleaner	Chapman & Skinner	U.S.		Next step to central vacuum cleaners in houses, slowed only by smaller portable units in recent years	
	Gyrocompass	Elmer A. Sperry	U.S.		Gyrocompass technology becomes critical to aviation and ship navigation.	
	Mutiny on Battleship <i>Potemkin</i>				After Russian defeats in Russo-Japanese war, pressure to reform anticipates October 1917 revolution	
	Einstein's special theory of relativity				Albert Einstein (1879-1955) lays foundations for new physics, nuclear fission, and planetary exploration	
1906	Teddy bear	Morris Michtom	Russian/German/U.S.	65	Commercial models of teddy bears hit the market, anticipating market hype of later years	
	San Francisco earthquake				Three day fire leaves 500 dead as a reminder to the geologic fragility of communities, with more to come	
	Amundsen fixes north magnetic pole				Norwegian explorer Roald Amundsen fixes north magnetic pole, anticipating Peary-Hensen trip of 1909.	
1907	Electric Washing Machine	Alva J. Fisher	U.S.	90	Major advance over mechanical ones, many of which became plant and flower pots on farms for a while	
	Portable electric vacuum cleaner	W.H. Hoover	U.S.	95	Improving on earlier designs, Hoover competes with Miele and other brands globally	
	Washing Powder	Henkel & Company	Dusseldorf, Germany	100	This came before liquid soap, and was critical to the success of electric washing machines.	
	Bakelite	Leo Baekeland, Herbet A. Faber, Daniel J. O'Conor	Belgium/U.S.	99	Phenol and formaldehyde made hardened resin, basis for billiard balls, fiberglass	
	Triode vacuum tube	Lee De Forest	U.S.		Allowed radio loudspeakers to replace earphones, permitted reliable transcontinental telephone in 1915	
	Picasso's <i>Les demoiselles d'Avignon</i>	Pablo Picasso (1880-1973)	Spain		Picasso's painting involves African themes, fosters cubism, and later 20th century artistic developments	
1908	Paper cur/Dixie cup	Hugh Moore, Lawrence Luellan	U.S.	99	A sanitary innovation to be sure, later rivaled by styrofoam cups that had greater insulation quality	
	Ford Model T car	Henry Ford	U.S.		1908-1927, Ford applied assembly line manufacturing in 1913, reduced costs dramatically	
1909	Brassiere		American Vogue Magazine		Likely descendant of 19th century bustier	
	Exploration Team reaches North Pole				Robert E. Peary and Matthew Henson build on exploration efforts of Roald Amundsen of Norway (1906)	
	W.E.B. Dubois establishes NAACP				Following his 1903 book <i>The Souls of Black Folk</i> , Dubois looks to activism to combat racism in America	
1910	Neon lighting	Georges Claude	Paris, France	Motor Show	100	Citroen once used it on an Eiffel Tower sign.
	Symbolic logic	Alfred North Whitehead, Bertrand Russell	U.K.		Modern mathematics would never have gone far without it	
	Japanese forces occupy Korea				After Russian defeat in 1904-1905, Japan occupies Korean peninsula, setting stage for WWII	
1911	Formica	Leo Baekeland, Herbet A. Faber, Daniel J. O'Conor	U.S.		Major innovation in kitchen design, as faux bois and other styles evolved from early soda fountain marble	
	Computing Tabulating	Herman Hollerith	U.S.		First developed for use in 1890 U.S. census, Hollerith founded CTR to expand commercially	
	Air conditioning	Willis Carrier	U.S.		For many years too expensive for widespread use; greater household adoption after WWII	
	Standard Oil Company Case		U.S.		Major application of the Sherman Antitrust Act of 1890, invoked once again against Microsoft in 1997.	
	Amundsen reaches South Pole				Norwegian explorer Roald Amundsen reaches the South Pole, following Peary/Hensen's North Pole trip	
	Sun Yat Sen becomes China President				Overthrow of Manchu dynasty marks step in Chinese government, basis for civil war in the 1930's.	
	Triangle Shirtwaist Fire in New York				145 workers die in unsafe building, creating groundswell for protective labor legislation, rise of unions	
	Irving Berlin's Alexander's Ragtime Band	Irving Berlin	U.S.		Ragtime sets the stage for jazz of the 1920's; Noble, Sissle, and Blake produce memorable ragtime music	
1912	Titanic sinks		White Star Line, U.K.		Titanic sinks off Newfoundland on April maiden voyage, 1,500 perish	

	AM radio	Edwin H. Armstrong	U.S.		Armstrong's regenerative circuit build on Lee de Forest's triode tube, and Fleming's vacuum tube (U.K.)
	Isotope	Frederick Soddy	U.K.		Soddy was the first to conceive of isotopes; Francis Ashton proved them by spectrography in 1919
d	Balkan wars				Balkan wars symbolize collapse of Ottoman empire, lay foundation for World War I (1914-1918)
a	1913	Crossword Puzzle	Arthur Wynne	2/21/13, New York World	Good mental gymnastics, but early versions in Latin and Greek are no longer available.
		Electric compressor refrigerator	The Domelse	U.S.	Electric refrigeration first arose for storage and transporting meat products from Chicago.
c		Assembly line manufacturing	Henry Ford	Ford Motor Co., U.S.	Ford coupled mass assembly of the Model-T, workers paid \$5.00 a day, cost dropped from \$750 to \$290
a		Brillo pad	Milton B. Loeb	U.S.	Developed for cleaning aluminum cookware, then applied more broadly
a		Stainless steel	Harry Brearley, Brown Firth Research Laboratories	Sheffield, England	100 Great for tableware and pots, even more brilliant for boats, though nothing can resist ultimate corrosion.
c		Oil refining	William M. Burton, Eugene Houdry	U.S., France	Thermal-cracking(Burton), catalytic-cracking(Houdry) in late 1920s, lead additive in 1920s, fueled auto age
c		X-ray tube	William D. Coolidge	U.S.	Built on German Wilhelm Roentgen's 1895 discovery of x-rays. Coolidge's invention was used in medicine.
d		16th and 17th amendments passed			16th amendment establishes income tax; 17th establishes direct election of senators.
d		U.S. Federal Reserve Bank created			Following bank panics of recent years, Congress authorizes creation of a new central bank.
		Stravinsky's <i>The Rite of Spring</i>	Igor Stravinsky	Russia	Stravinsky's <i>Rite of Spring</i> spurs impressionism in music, building on developments in painting.
		<i>Nude Descending a Staircase</i>	Marcel Duchamp	France	Duchamp's painting moves cubism closer to ever more abstraction
a	1914	Zipper	Gideon Sundback	Sweden/U.S.	100 Name coined by B.G. Work of B.F. Goodrich in 1923
d		World War I begins			August 1914 assassination of Archduke Francis Ferdinand, setting off World War I, 10 million fatalities.
a		Motorized armored tank	Sir Ernest Swinton	U.K.	Tank warfare emerged in WWI, but evolved in WWII with advances in motors, mounts, and armor
a		Brassiere(2)	Mary Phelps Jacob, Caresse Crosby	U.S.	90 Although it sounds French, the French call them <i>soutien gorge</i> .
a		Traffic light		Cleveland, Ohio	98 A good idea that later inspired even more traffic cops on the scene to slow down things even more.
c		Panama Canal opens		France, U.S.	First F.DeLesseps, then by U.S., completed in 1914, \$352 million, 61 Mlbs dynamite, 232.4 Mcubic yards
d		Passage of Clayton Act			Forbidding interlocking directorates, Clayton Act seeks to shore up the Sherman Act of 1890.
d		James Joyce publishes <i>The Dubliners</i>			James Joyce (1882-1941) sets the stage as one of the 20th centuries great writers.
a	1915	Motor scooter		New York City	Had to wait until after the Second World War for Italian Vespa to become popular
a		Lipstick	Maurice Levy	U.S.	Before then, women were probably more expressive
c		Pyrex glass	Owens Corning Glass Company	Ithaca, NY, U.S.	Heat and shock resistant glass, kitchenware, microwave cooking(1970s), and glass storage technology
d		Germans sink the <i>Lusitania</i>			German u-boat sinks the <i>Lusitania</i> , sets stage for U.S. intervention supporting U.K. and France
d		D.W. Griffith's <i>Birth of a Nation</i>			D.W. Griffith(1875-1948) makes <i>Birth Of A Nation</i> , sympathetic to the Ku Klux Klan, furor ensues
c	1916	Margaret Sanger's Birth Control Clinic	Margaret Sanger	U.S.	First birth control clinic that developed abortion for adverse pregnancy
d		Easter Rebellion in Ireland			British troops put down Irish rebellion, setting stage for Irish independence, conflict in Northern Ireland
d		Matisse paints <i>The Piano Lesson</i>			Henri Matisse (1869-1954) creates some of the most colorful works of 20th century art.
b	1917	Enigma encryption machine		Netherlands, Germany	Critical step in the development of artificial intelligence, British agents foil Nazi German Enigma machines.
d		U.S. enters WWI			Woodrow Wilson persuades Congress to enter the war against Germany
d		Balfour Declaration			England's Lord Balfour sets declaration of a homeland for the Jewish people, foundation for Israel(1948)
d		Russian revolution begins			Collapse of Tsar Nicholas II's regime leads to initial Menshevik, then Bolshevik revolution in October, 1917
c	1918	End of World War I			Nov. 11, 1918 armistice at Compiegne, France anticipated Treaty of Versailles in 1919, presaged WWII
d		Outbreak of Russian civil war			Russian civil war erupts between Bolshevik Reds and Menshevik Whites. U.S. support for Whites fails.
d		Great influenza epidemic			Influenza outbreak begins, killing by 1920 almost 20 million people worldwide. Last plague before AIDS.
d		Spengler's <i>The Decline of the West</i>			Oswald Spengler (1880-1936) paints a gloomy portrait of the West, reflecting the destruction of WWI.
a	1919	Rawplug/molly	John J. Rawlings	U.K., British Museum	60 How it became known as a "molly" is anyone's guess
a		Tea bag	Joseph Krieger	San Francisco	95 Tetley didn't begin selling them in the U.K. until after WWII
a		Food mixer	Herbert Johnson	Troy, New York	Offshoot of baker's mixer in 1908, Hamilton Beach in 1910, Hobart in 1917, Kitchen Aid in 1920s
d		Third International directs Communism			Russian Comintern shapes the future of Communism in Russia and abroad for decades to come.
		Assassination of Roxa Luxemburg			German Communist Rosa Luxemburg's assassination reflects deep social tensions in Weimar Germany
a	1920	Hair dryer	Chester Beach		85 Beach's first model made in 1905, joined by Fred Osius and L.H. Hamilton.
c		Commercial Radio Broadcast	Westinghouse Station KDKA	Pittsburgh, PA, U.S.	99 Reginal Fessenden's Christmas broadcast (1906) of music, poem, talk, in Brant Rock, Mass, KDKA began
d		League of Nations 1st meeting			League of Nations holds 1st meeting in Geneva, seeks to implement charter and Wilson's 14 points.
a	1921	Motorway/Freeway/Autobahn		Germany	S. Avus Autobahn in Berlin in 1909 as test track, opened 9/10/21 (9.5 km), then Third Reich, then Italy, U.S.
a		Band Aid	Earle E. Dickson	Johnson & Johnson, U.S.	99 "Band-Aid" so named by W. Johnson Kenyon, super of the company's textile mill
a		Jubilee clip	Commander Lumley-Robinson	Co., Gillingham, Kent, U.K.	99 Known in most of the world as adjustable hose clamp rings
d		Arrest of Sacco and Vanzetti			Italian anarchists Nicola Sacco and Bartolomeo Vanzetti convicted of murder, executed in 1927.
c	1922	Stock ticker	Thomas Alva Edison	U.S.	Central to stock tracking, newspaper summaries, and electronic bulletin boards today.
d		Fordney-McCumber tariff			A dangerous move to protectionism, anticipates Smoot-Hawley tariff of 1931, and the Great Depression
d		Mussolini forms Fascist government	Benito Mussolini (1883-1945)		Mussolini's black shirts march on Rome, form fascist government, later join Hitler's Nazi Germany to 1943
d		T.S. Eliot publishes <i>The Waste Land</i>			American poet T.S. Eliot(1888-1965) publishes a major and brooding meditation on the 20th century.
d		James Joyce's <i>Ulysses</i> published	James Joyce	Ireland	Joyce's work, a major 20th century work, provokes initial censorship, later broad celebration
a	1923	Popsicle	Frank Epperson	Oakland, California	99 Known in the U.K. as an "ice lolly"
c		Refrigerator		U.S.	First developed for railroad freight, GM and DuPont developed Frigidaires by 1937, first using freon.
d		Failed beer hall 'putsch' in Germany			Adolf Hitler fails to topple Weimar German government, in prison he writes anti-semitic <i>Mein Kampf</i> .
d		Gershwin composes <i>Rhapsody in Blue</i>			George Gershwin(1898-1937) sets tone for 20th century Broadway music with his compositions.
d		Teapot Dome scandal in U.S.			Albert B. Fall, Harry Sinclair, Edward Doheny go to prison for manipulating naval oil reserve contracts
d		Ku Klux Klan violence in U.S.			Anti-black sentiment in U.S. south leads to Klan violence, vigilante hangings and intimidation of Blacks.
d		Bessie Smith's first recording			Bessie Smith(1894-1937) defines the blues music art form for America in the 20th century.
a	1924	Paper tissues		Wisconsin, U.S.	100 First called "celluwipes", Kimberly-Clark gradually switched to "Kleenex", others with "handwipes"
b		Electro-mechanical tabulating	Thomas J. Watson	IBM, U.S.	Competed with mechanical tabulators, then gave way to all electric machines

		Leaded gasoline	Ethyl Corporation	GM,Esso, U.S.		Ignorant of health hazards, leaded gasoline first promised smoother engine combustion
d		Vladimir Lenin dies in Russia				Vladimir Lenin(1870-1924), first Soviet dictator, dies in Moscow, struggle ensues, with Stalin victor (1928)
a	1925	Cotton swabs	Leo Gerstenzang	Poland/U.S.	100	Known to most in the U.S. as "Q-tips"
a		Frozen food	Dr. Archibald Huntsman	fax, Nova Scotia,Canada	95	Clarence Birdseye(1924)in Gloucester,Mass.
		Quantum mechanics	Werner Heisenberg, Erin Schrodinger	Germany		The foundation for practical advances in nuclear technology
d		Scopes trial in Tennessee				John T. Scopes teaches evolution,put on trial, defended by Clarence Darrow, sentence put aside.
d		Gertrude Ederle swims EnglishChannel				Gertrude Ederle becomes first woman to swim the English Channel, lionized in the U.S. and abroad.
a	1926	Pop-up toaster	Charles Strite	Stillwater, Minnesota	99	Known in the U.S. simply as a "toaster"
		Liquid fuel rocket	Robert Goddard	U.S.		Goddard's advances were later surpassed by the Germans under Werner von Braun in the 1930's.
a		Aerosol	Erik Rothheim	Norway	99	L.D. Goodhue(U.S.) produced "bug bombs" for the U.S. in 1942 against insects
a		Steam iron		Eldec Co., New York	80	1952 Hoover automatic.
c		Electron scanner, picture tube	Philo T. Farnsworth	U.S.		Critical precursors to development of television technology
d		Hemingway's <i>The Sun Also Rises</i>				Hemingway's first major novel sets the tone for a form of modern American fiction.
d		U.S. marines occupy Nicaragua				U.S. marines put down revolt in Nicaragua, govern country from 1926 to 1933, stirring opposition
a	1927	Electric Chainsaw	Emil Lerp	mar, Thuringia,Germany	20	1929 Stihl gas engine model eventually became standard.
c		Transatlantic telephone call		U.S.		Two-way radio system used, it first cost \$75, 3 times average weekly earnings of production worker
c		Sound based motion pictures	Al Jolson, in <i>the Jazz Singer</i> , Warner Brothers	Hollywood,U.S.		Al Jolson's voice in <i>The Jazz Singer</i> changed feature-length movies on a path to expanding prosperity.
d		Lindbergh flies solo across Atlantic				Charles Lindberg(1902-1974) makes 33 hour solo flight from New York to Paris, becomes instant celebrity
a	1928	Sliced bread	Otto Frederick Rohwedder	New York, U.S.	99	First began in 1912, first commercially produced for Continental Bakery in NYC
c		Penicillin	Alexander Fleming	Scotland, U.K.		Mold spores from staphylococcus bacteria created the first vaccine against major infections
c		Cervical Cancer Test	George Papanicolaou			Pap smear did much to detect early cancer in women
d		Kellogg-Briand Peace Pact				Kellogg-Briand Peace Pact signed by 65 country representatives, repudiated by Hitler in 1939
d		Stalin begins collectivization in Russia				Joseph Stalin (1879-1953) begins brutal collectivization in Russia, some 15 million perish in Gulags.
a	1929	Electric razor	Jacob Schick	New York	35	Braun(1930s,Germany),Philips(1930s, NL); Remington Duchess in 1940, Philips Ladyshave(1950).
b		Electronic Totaliser				Initial demand arose from racetrack betting parlors to define odds, but critical to evolution of computers
d		Car radio	ham Lear, Elmer Wavering, "Motorola" Galbin Co.	U.S.		Only a.m. in the early versions, and even then there were not that many stations.
d		Trotsky expelled from Russia				Leon Trotsky(1879-1940), a founder of the Russian revolution,is tracked down,killed in Mexico in 1940
d		October 1929 Stock Market collapse				U.S. 10/24/29 stock market crash results in loss of \$26 billion, Great Depression ensues, ends in 1941.
a	1930	Le Corbusier's Villa Savoye	Le Corbusier	France		Le Corbusier's Villa Savoye, in Poissy, France, is a classic in the international style
c		Scotchtape	Richard G. Drew	3M,Racine,Wisconsin	99	9/8/30, first roll of Scitchtape produced, based on Drew's 1929 research
c		Cyclotron Accelerator	Ernest O. Lawrence	U.S.		Sandia Nat Lab in New Mexico accelerator analyzes nuclear reactions,aid in cancer therapy,plastics
d		Naval Disarmament Treaty				Major powers sign naval disarmament treaty limiting warshiptonnage, abrogated by 1935-1936.
a	1931	Scrabble	Alred Mosher Butts	Rhinebeck, New York	75	First called Criss-Cross, changed to Lexico(1946), then Selchow & Righter began "Scrabble" in 1948
d		Spanish Republic declared				Overthrow of King Alphonso XIII sets stage for Spanish civil war in 1936, and rise of Franco's fascists.
d		Japanese forces occupy Manchuria				Japanese forces occupy Manchuria, spurring Chinese civil war, background for WWII,Pearl Harbor
a	1932	Architect's lamp	George Carwardine	U.K.	60	Called "Anglepoise"or"Luxo" lamp in U.K.
		Neutron	James Chadwick	U.K.		Neutrons became crucial to the development of nuclear bomb technology
a		Soap opera		U.S.		First began as washing powder sponsored radio dramas.
a		Mars bar	Forrest E. Mars	ackettstown,NJ,U.S./U.K.	85	Also the producer of M&M's. Basic ingredients: cocoa, milk, sugar, and vegetable fats.
a		Coat shirt	Cecil Gee	U.K.	85	Before these came along, you had to pull a shirt over your head.
d		F.D. Roosevelt elected U.S.Pres.				FDR's defeats Herbert Hoover in 1932;unemployment rate at 25% in March, 1933
d		WWI veterans stage D.C. protest				Denying promised bonus, Douglas McArthur puts down protest march by WWI veterans.
d		Amelia Earhart flies solo transatlantic				Amerlia Earhart(1898-1937) sets first of many records; lost over Howland Island in Pacific in 1937
d		Lindbergh baby kidnapped, dies				Charles Lindbergh's son kidnapped and dies in New Jersey, Bruno Hauptman accused,executed '36
a	1933	Polythene	R.O. Gibson	ICI, U.K.	95	Took offer after DuPont Chemist Silas Tupper invented plastic kitchen ware
		FM radio	EdwinH. Armstrong	U.S.		FM radio became popular in the U.S. only after WW II, first in homes, then in cars.
		FDR assumes office, begins New Deal				Unemployment rate of 25% precipitates New Deal and Keynesian style fiscal deficit interventionism
c		Radar		U.K.		Radio Detection and Ranging,U.K. air defense in 1940, later weather tracking, air-traffic control,astronomy
d		Reichstag helps Hitler				Berlin Reichstag fire creates crisis,Hindenberg calls Hitler to form government,Hitler sets up Nazi regime.
d		Germany,Japan withdraw from League				Withdrawal from League of Nations begins gradual process of dissolution of international body in 1930s.
d		U.S. recognizes U.S.S.R.				U.S. extends diplomatic recognition to U.S.S.R.; Stalin continues to consolidate through collectives/purges.
a	1934	Tampons	Dr. Earle Haas, Dr. Gertrude Tenderich	Tampax, Co, U.S.	95	Early Church criticisms said it destroyed evidence of virginity, encouraged masturbation
d		Hitler purges the SA				Hitler purges last Ernst Roehm's SA, sets stage for persecution of Jews and other minorities in Germany
d		Hitler becomes Fuhrer				Hitler scraps rival elements of German constitution, sets up Nazi dictatorship, stage for WWII.
d		Nazis assassinate Austrian leader				Austrian Chancellor Dollfuss assassinated by Nazis, setting stage for Anschluss of 1938 with Germany
a	1935	Fluorescent lighting	General Electric,Cincinnati,Ohio		90	Without it, Star Wars could not have been made
		Sulfa anti-bacterial drugs	Gerhard Domagk	Germany		The basis of modern anti-biotic drugs
		Richter scale	Charles F. Richter	U.S.		
		Radar	Sir Robert Watson-Watt	U.K.		Watson-Watt's innovation helped England to maintain the edge in the air war with Germany in 1940
a		Monopoly game	Elizabeth Phillips(Virginia), Charles Darrow	Germantown,Pa.	90	Parker Brothers began production in 1934, marketing in 1935
a		Parking meter	Carlton Magee	Oklahoma City,7/16/35	99	Pay and Display(U.K.), Horodateur(France) are likely to replace stand-alone meters.
a		Catseyes Road Stud	Percy Shaw	Yorkshire, U.K.	100	Automatic reflectors on highway roadbeds and barriers, require no maintenance
c		Public Opinion Polling	Elmo Roper, George Gallup	Conn.,N.J.		Critical step in marketing, public relations, and in shaping political elections
d		Saarland plebiscite votes for Germany				Plebiscite in Saarland results in union of Saar with Germany, adding to Germany's coal reserves.

d		Germany repudiates Versailles Treaty				Germany repudiates 1919 Treaty of Versailles, setting stage for re-armament, end of any reparations.	
d		Italy invades Ethiopia				Italian Fascist forces invade Ethiopia over Ogaden WalWal incident; Haile Selassie flees to U.K.	
		OASDI Social Security introduced		U.S.		Pioneered in Wilhemine Germany, U.S. implements a system that is later costly and difficult to reform	
a	1936	Falling Water house, Bear Run, Pa.	Frank Lloyd Wright	U.S.		Wright provides his interpretation of an international style house that becomes a classic	
c		Suntan lotion	Coco Chanel	Paris, France	Motor Show	100	L'Oréal came out with Ambre Solaire in 1936; replaced blood system of George Hamilton in 1960's
		Hoover/Boulder Dam			Colorado, U.S.		1,244 feet long, 660 ft. wide, 45 feet thick, 3,250,000 cubic yards, 96 workers died
		Jet engine	Frank Whittle		U.K.		Whittle's invention was first applied by the Germans with the Heinkel HE 178 in 1939.
d		Double rotor helicopter	Heinrich Focke		Germany		Double rotor helicopter technology becomes important later, with little application in WWII.
d		German troops occupy the Rhineland					Lack of opposition to German re-occupation of Rhineland emboldens Hitler's war plans for the future.
d		Spanish civil war begins					Francisco Franco's (1892-1975) fascists invade Spain, bring down Republic in 1939 with Nazi support.
d		George V dies, Edward VIII abdicates					George V dies; Edward VIII abdicates to marry Wallis Warfield Simpson; George VI is crowned king.
a	1937	Gen. Theory of Emp., Int., & Money	John Maynard Keynes		U.K.		Keynes provides a theoretical justification for activist fiscal policy, downgraded only during the 1980s.
a		Supermarket cart	Sylvan Goldman	6/4/37, Oklahoma City, Ok		100	Increasingly universal, only Smarte Carte in U.S. charges for their use in airports
a		Instant coffee			Nestlé, Switzerland	99	Marketed first in 1938 as "Nescafé", method first suggested by Brazilian Institute of Coffee (1930)
c		Jet engine	Frank Whittle		U.K.	90	Tested in Germany in 1939, U.K. in 1941, Messerschmidt ME-262 in 1944, U.K. commercial aviation in 1952
d		Pablo Picasso creates Guernica					Pablo Picasso (1881-1973) paints evocative portrait of Spanish village bombed by fascists
d		Japan invades China					Japan invades China from Manchuria, rape of Nanking, bombs in Shanghai, Chinese civil war vacillates.
d		Amelia Earharts disappears in Pacific					U.S. pilot Amelia Earhart disappears with Fred Noonan near Howland Island in ill-fated trip.
a	1938	Teflon	Roy Plunkett	Dupont, Jackson, N.J.		95	Jack Rebok opened gas cylinder of freon (tetrafluoroethylene) and found greasy white powder.
		Xerography	Chester Carlson		U.S.		Carlson's invention would take several years to reach commercial viability
a		Nuclear fission	Otto Hahn, Fritz Strassmann		Germany		This discovery caused Albert Einstein to encourage the U.S. to develop its own.
d		Ballpoint pen	Ladislao José Biro	Budapest, Hungary		100	Biro fled Nazis in 1940, sold to U.K. H.G. Marten, then Marcel Bich bought in 1958, then made Bic pens.
d		Germany occupies Austria					Germany unites Austria with Germany, Neville Chamberlain meets Hitler to declare "Peace in Our Time"
a	1939	Nylon stockings	Dr. Wallace Carothers	Dupont, Seaford, Del.		95	First developed in 1934, sold first in 1940, produced at DuPont N.J. plant.
d		Germany annexes Sudetenland					Hitler annexes Czech Bohemia and Moravia into the German Reich; Czechs protest to no avail.
c		Single rotor helicopter	Igor Sikorsky		U.S.		First developed as military transport; civilian versions developed for short hauls, medical evacuations
c		Fax machine					First developed for government security, Japanese firms miniaturized and commercialized in 1980s
c		Television broadcast	Vladimir Zworykin, RCA		New York, U.S.		First broadcast by FDR at 1939 New York World's Fair, U.S. households now have 2.3+ TVs
c		Color and Sound feature movies			U.S.		Pioneered by Sergei Eisenstein's <i>Ivan the Terrible</i> (1935), <i>The Wizard of Oz</i> influenced future trends.
d		Russo-German Non-Aggression Pact					Molotov and von Ribbentrop sign August 22, 1939 non-aggression pact, sealing the fate of Poland
c		Hitler invades Poland					September 1, 1939, Hitler invades Poland, starting World War II; over 25,000,000 dead
d		Russo-Finnish war					Stalin invades Finland, is held to a stalemate, emboldening Hitler to consider invasion of Russia by 1941.
d	1940	Volkswagen Beetle developed	Ferdinand Porsche		Germany		Hitler's call for a "people's car" interrupted by war; postwar models become globally popular
d		Hitler invades the west					Hard to innovate when being bombed or invaded, British radar held off the Luftwaffe, though not U-boats
d		Lindbergh defends isolationism					1927 Transatlantic aviation hero Charles Lindbergh defends isolationism against Nazi expansionism
d		Churchill becomes U.K. Prime Minister					U.K. government formed under Churchill; Luftwaffe bombs England but does not invade.
d		Stalin annexes Baltic States					Stalin annexes Estonia, Latvia, and Lithuania, renews attack on Finland, who loses 1/5 territory in 1940
d		End of French Third Republic			France		French Third Republic falls with German invasion in June 1940.
d	1941	Hitler invades Russia					Hitler committed Napoleon's folly, set the stage for his own defeat, and wreaked vengeance on his victims
d		U.S. Lend-Lease Pact with England					U.S. Lend-Lease Pact with England, provides used destroyers and transport ships against Germany.
d		Japanese bomb Pearl Harbor					Japanese bomb Pearl Harbor December 7, 1941; U.S. declares war on Japan, then Germany
d		Japanese move toward Philippines					Japanese move forces toward Philippines against residual U.S. army forces under Douglas MacArthur
a	1942	T-shirt	U.S. Navy		U.S.	100	What was the world like before them, and before printed t-shirts?
d		Nuclear reactor	Enrico Fermi		U.S.		Fermi's development of a nuclear reactor as part of the "Manhattan project" was crucial to war efforts
d		Battle of El Alamein					Field Marshal Montgomery brings English victory over Rommel's Afrika Korps, setting stage for their defeat.
d		UN Washington Declaration					Nations sign UN declaration in Washington, foundation to replace League of Nations.
d		U.S. interns Japanese-Americans					U.S. sets up detention camps for Japanese-Americans following declaration of war on Japan.
d		Philippines fall to Japanese					MacArthur flees Philippines for Australia as Japanese forces defeat remaining U.S. at Corregidor; Bataan.
c		Xerox copier	Chester Carlson		Bell Labs, U.S.		First patented in 1935, "dry writing" first commercialized by Haloid Xerox in 1960
a		Soft toilet paper			St. Andrews paper, London	100	Scott Paper followed up in 1955, and others made up the difference
d		Japanese defeat at Midway					U.S. carrier force sinks 4 Japanese carriers for loss of 1 U.S. carrier, puts Japan thereafter on defensive.
c		Controlled Nuclear Fission	Manhattan Project		Chicago, Illinois		1942 first test of first atomic fission, 7/16/45 bomb, then 9/6/45 Hiroshima and 9/9/45 Nagasaki bombing
c		Chemotherapy					Vincristine, vinblastine, and other drugs reduce cancers and have raised survival rates significantly.
d		Operation Torch in North Africa					U.S. forces land in Morocco and Algeria to begin offensive against Rommel, German forces in North Africa.
b	1943	electro-mechanical computer	Howard Aiken		IBM, Harvard U.		Called the Automatic Sequence Controlled Calculator, it was the first electronic programmable computer
c		Teflon	Dupont Corporation		U.S.		Dupont's invention would later become useful in developing bullet-proof vests, cooking utensils, et al.
c		Two-Way "Walkie Talkie" Radio	Motorola Corporation		U.S. Army, U.S.		First used in South Pacific, precursor of cellular telephone technology in the 1980s
d		Aqualung	Jacques-Yves Cousteau, Emile Gagnan		France		Developed first for naval frogmen forces, later for civilian and commercial use
d		U.S. imposes wage-price controls					Wage-price controls, and rationing imposed to facilitate U.S. military build-up
d		U.S. forces expand on Japanese					U.S. forces occupy more islands in Pacific, consider direct invasion of Japan, which MacArthur opposes.
c	1944	V-2 Rocket bomb	Werner Von Braun		Germany		Developed by Robert Goddard in the 1920s, Germans make liquid-fueled rockets, 12 tons each, 1,000 mph
d		Ball point pen	Lazlo Biro		Argentina		Can't believe we ever got along without this.
d		Normandy invasion					June 6, 1944 allies lead invasion forces that defeat German defenders, beginning of end of 3rd Reich
d		Bretton Woods Conference					Bretton Woods, N.H. conference creates the IMF and World Bank, sets postwar currency standards

d		Dumbarton Oaks Conference			Washington, D.C. Dumbarton Oaks conference declaration favoring creation of United Nations.
d		Failed Assassination on Hitler			July 1944 failed assassination attempt on Hitler leads to more fanatical war efforts, extermination camps
c	1945	Microwave Oven	Percy L. Spencer	Raytheon, U.S.	Raytheon pioneered microwave transmitters, Japanese companies made them kitchen appliances
c		Baby Care Book Guidance	Dr. Benjamin Spock	U.S.	<i>Common Sense Book of Baby and Child Care</i> created more child-centered view of child care.
d		Yalta conference			Churchill, Stalin, and Roosevelt agree to plan to defeat Germany; DeGaulle angered at French lesser role.
d		Potsdam conference			Roosevelt dies 4/12/1945; Stalin, Churchill, Truman agree on partitioning of Germany by allied forces
d		Hitler commits suicide, ending war			Adolf Hitler commits suicide on April 30, 1945; successor Karl Doenitz signs peace on 5/7/45
d		Holocaust revealed			Though known of before, allies discover extent of Nazi holocaust in which 6,000,000 Jews perished.
d		Nuclear bombs on Hiroshima,Nagasaki			August 6 and August 9 nuclear bombs cause 40,000+ deaths; Japan sues for peace on Sept. 2
a	1946	Bikini	Jacques Heim	France/U.S.	70 WWII order to conserve fabric in women's swimwear, Luis Réard creates two-piece bikini bathing suit
d		First UN General Assembly in London			First General Assembly meeting on Jan. 10, later dissolution of League of Nations in April.
d		Nuremberg war crimes trial in Germany			Telford Taylor presides over trial of Nazis; Goering commits suicide; Hess in Spandau prison for 20 years.
b		ENIAC electronic digital computer	Herbert Mauchly, J. Presper Eckert	U.Pennsylvania	The first mainframe programmable computer, no memory, 30 tons, 17,468 vacuum tubes, 400 mults/sec
a		Motor scooter (2)	Piaggio Vespa	Italy	10 In the U.K., a "mod", as opposed to a bike, or "rocker"
a		Espresso machine	Achille Gaggia	Italy	15 Home models likely to raise ownership rates significantly.
a		Credit card		Flatbush N.Bank,NY	85 First card was "Charg-It", then American Express in 1958, then BOFA 1959 becoming Visa in 1976-77
d		Churchill's 'iron curtain' speech			In Fulton, Missouri, ousted Prime Minister Winston Churchill declares that Russia has created a cold war.
d		U.S. occupation of Japan			Douglas MacArthur leads occupation of Japan, limits imperial authority, creates western-style constitution
a	1947	Polaroid camera	Edwin H. Land	Cambridge, Mass.	40 Founded in 1937, followed by Polaroid sunglasses, 1943 instant camera, 1963 first color version
d		Holograph	Dennis Gabor	U.K.	Holography has slowly made its way in commercial products, mostly as a novelty.
a		Electric guitar	Adolph Rickenbacher	U.S.	99 Lloyd Lear pioneer, first direct amplification model by Paul Bigsby (1947), Leo Fender (1948).
b		Electronic transistor	Jam Shockley, Walter Brattain, and John Bardeen	Bell Labs, U.S.	100 Displaced the need for vacuum tube relay technology, increased speed and reliability by 1000%
a		Aluminum foil		Reynolds Aluminum, U.S.	98 "Tin foil" still the popular term, after the first material used.
a		False eyelashes	David and Eric Aylott	U.S.	30 First developed Eylure, then they created false fingernails.
a		Microwave oven	John Randall and H.A.H. Boot; Percy Spencer	U.K., U.S.	60 1946 Raytheon patented cooking version.
c		Offshore Drilling	Kerr-McGee	U.S.	European North Sea oil and gas development in 1960s
c		Suburban housing development	Abraham Levitt	U.S.	Levitt develops Long Island's Levittown to respond to pent-up housing demand after WWII.
d		Cold War containment policy			George F. Kennan writes article as "X" in <i>Foreign Affairs</i> , outlining policy of containment of Soviet Union
d		India becomes independent			Mahatma Gandhi leads independence movement in India
a	1948	TV talk show	Dave Garroway	NBC, New York	99 Followed by Edward R. Murrow, Jack Paar, Johnny Carson, Phil Donahue, ad infinitum
d		Berlin airlift			Russian Berlin blockade defeated by air lift of supplies to Berlin population; Stalin concedes
a		McDonalds	Richard & Maurice McDonald	San Bernardino, California	Trademark name bought by Ray Kroc, who began business in 1955
a		Fake fur	George Borg	Borg Warner, Wisconsin	40 Later DuPont developed Orlon, which can now be reproduced in any pattern
c		Long Playing Record	RCA	U.S.	33 rpm vinyl records introduced; high fidelity and stereo developed in 1950s
d		Communist regimes in E. Europe			Communist regimes established in Eastern Europe: Poland, E. Germany, Czechoslovakia, Bulgaria, et.al.
d		Assassination of Mahatma Gandhi			Gandhi assassinated in India, replaced by Jawaharlal Nehru; start of third world neutrality movement
d		Burma and Ceylon become independent			England grants independence to two more colonies.
d		State of Israel established.			State of Israel established as homeland for exiled Jews; series of Middle East wars ensue
d		Two-State Korea established			Withdrawal of Japanese forces after WWII leads to two Koreas, based on postwar occupation forces.
d		Indonesia becomes independent			Dutch grant political independence to Indonesia.
d		Alger Hiss convicted			State Department official Alger Hiss convicted on spying for the Soviets, sentenced to life in prison.
a	1949	Latex paint		Glidden Paints, U.S.	70 "Spred Satin", first soybean-oil extract became lecithin, in margarine, rubber, sweets, and pharmaceuticals
a		Training shoes/sneakers	Adolf and Rudolf Dassler	Germany	96 Adi developed Nike, and Rudi developed Puma, with New Balance (U.S.) and others soon after
a		Hairspray		KiQuinet Co., U.S.	85 First used shellac, highly flammable, then replaced by synthetic PVP
d		Mao Tse Tung victory in China			Mao defeats forces of Chiang Kai Shek, who retreat to Taiwan, and sets up Marxist regime in Beijing.
a		Cease fire in Palestine		Israel, Egypt, Jordan	Cease fire ends war against Israel, thousands of Palestinians go into exile in Gaza strip, West Bank
a	1950	Domestic rubber gloves		J.AllenRubberCo., U.K.	85 Thomas Hancock (U.K. 19thC), pioneered hard rubber gloves, Playtex became a major producer in U.S.
d		Outbreak of Korean war			North Korean forces invade south on 12/25/50; U.S. rushes in reserves and pushes to north.
a	1951	Milk carton	Ruben Rausing	Sweden	99 Tetra Pak in 1952, expanded later to other liquid foodstuffs from soup to wine.
d		Oral contraceptive	Dr. Min Church Change, John Rock, Carl Djerassi	U.S.	The "pill" did not yet bring on the sexual revolution; the 1960s took care of that.
d		McCarthy hearings		U.S.	Wisconsin Senator Joseph McCarthy begins extensive hearings against alleged Communists in U.S.
c		Execution of Rosenbergs	U.S. government	U.S.	Julius and Ethel Rosenberg convicted of spying for USSR, condemned to death, and executed.
c	1952	Hydrogen bomb		U.S.	Nov. 1, 1952, "Mike" Enewetok Atoll explosion in the Marshall Islands, 10.4 Mtons, 700 times Hiroshima
d		Death of George VI		U.K.	With death of British King George VI, Elizabeth II becomes Queen of England
c	1953	Discovery of Double Helix DNA	Francis Crick, Maurice Wilkins, Rosalind Franklin	U.S., U.K.	Discovery of DNA structure leads to genetic engineering, sheep cloning in 1997, mapping human genome.
d		Measles vaccine	John F. Enders, Thomas Peebles	U.S.	Measles vaccinations have made dramatic reductions in the incidence of this disease
d		Death of Stalin		USSR	Stalin's death lays foundation for eventual thaw and collapse of Soviet Union.
d		East Berlin revolt fails		USSR, E. Germany	Russian military puts down E. Berlin revolt against Communist regime
d		Hillary & Torgay at Mt. Everest summit	Edmund Hillary and Tenzing Norgay	New Zealand, Nepal	The first known human ascent to the top of Mt. Everest in Nepal
d		Korean armistice		N., S. Korea, U.S.	Armistice between North and South Korea; no peace treaty signed; tensions continue over the years
c		Overthrow of Mossadegh regime		CIA, U.S., Iran	U.S. CIA sponsors overthrow of regime of Mohamed Mossadegh of Iran, brings Shah of Iran to power.
c	1954	Solar cells		Bell Labs, U.S.	Solar energy equals 200,000 times world electric capacity; solar cells tap rising fraction as costs decline
d		French defeat at Dien Bien Phu	French military forces	France	French defeat by Viet Minh under Ho Chi Minh leads to withdrawal, replacement by U.S. efforts in South
d		Brown v. Board of Topeka desegregation	U.S. Supreme Court	U.S.	Supreme Court overturns 1896 Plessy v. Ferguson separate but equal segregation in education policy

	Nuclear submarine <i>Nautilus</i> launched	U.S. navy	U.S.		Cold War accelerates development of nuclear technology for weapons, navy, electricity generation	
	West Germany joins NATO	NATO, Konrad Adenauer	Europe		German sovereignty coincides with evolving economic "miracle" under Adenauer, later Ludwig Erhard	
	Salk vaccination program begins	Jonas Salk	U.S.		The Salk vaccination program makes major inroads in reducing polio rates in the U.S.	
a	1955	SEATO created	U.S., et.al.		Eight-nation mutual defense pact created as counterweight to mainland China, North Korea	
	Roll-on deodorant		Mum, U.K.	99	"Ban Roll-On" first product, followed by Old Spice, and a myriad others	
a		Radio carbon dating	Willard F. Libby, et.al.	U.S.	Radio carbon dating became an important advance in adding precision to fossil measurement	
a		McDonalds(2)	Ray Kroc	Des Plaines, Illinois	99	Followed by every other kind of fast food, then home delivery service: Burger King, ad infinitum
a		Fish sticks	Clarence Birdseye	Birdseye Foods, U.K.	50	A wild success in the U.K., only a sample of frozen, and later microwave, products to come
a		Disposable syringe		Becton Dickinson,U.S.	99	It hasn't stopped re-use among drug addicts, contributing to the spread of AIDS
c		Magnetic tape recording	Ampex Corporation	U.S.	Crucial development in audio and video technology, first made as 8mm size.	
	Fiber optics	Narinder Kapany	U.K.		Fiber optics would later become critical to the spread of digital computer technology and the internet	
c		Polio vaccine	Jonas Salk	U.S.	Major breakthrough in defeating polio, the disease that afflicted Franklin D. Roosevelt	
	Rosa Parks bus protest	Rosa Parks	U.S.		Rosa Parks refuses to change seat on bus because she is Black, spurs civil rights demonstrations	
	<i>Cat on a Hot Tin Roof</i>	Tennessee Williams	U.S.		Tennessee Williams' play wins a Pulitzer prize	
a	1956	The pill	Dr. Gregory Pincus	Planned Parenthood,U.S.	65	First developed in 1950, then marketed commercially in 1960, approved by Japan only in 1999
a		Velcro	George de Mestral	Switzerland	85	Name combined from velours and crochet, now found in clothing, travel luggage of all sorts
a		Disposable diapers		Procter&Gamble,U.S.	90	First marketed in Dallas, Texas, known as Pampers in U.S., "disposable nappies" in U.K.
a		Superglue	Dr. Vernon Kriebel	Hartford, Conn.,U.S.	65	Loctite was first brand, followed by numerous others.
c		Interstate Highway System begun		U.S. Govt.,U.S.	100	First developed for military purposes, now has 46,000 miles of total 158,000 national highway system
c		Transatlantic submarine cable		AT&T, U.S.		TAT-1, improved service via wrapped copper-zinc cable, replaced by fiber optic cable after 1970
c		Padded automobile dashboards	Ford Motor Company	U.S.		Early safety device, largely unpopular with public
c		Oral polio vaccine	Albert Savin	U.S.		Refinement of Salk's discovery
	Suez Crisis precipitates war	Egypt	France, U.K., Israel, U.S.		Egyptian nationalization of Suez canal leads to Anglo-French-Israeli invasion, U.S. intervenes to stop.	
	Hungarian revolt fails		USSR		Hungarian uprising against Russian-backed regime fails, many go into exile as hardliners retain power	
	Bergman produces <i>The Seventh Seal</i>	Ingmar Bergman	Sweden		Ingmar Bergman produces a series of brooding and lyrical films through parable and reality	
c	1957	"This Land is Your Land" song	Woody Guthrie	U.S.	Woody Guthrie's song symbolizes civil rights equality, later kept popular by Pete Seeger	
	Sputnik geostationary satellite		Soviet Union		183 lb. satellite launched 10/14/57, sets stage for Cold War space race, telecommunications revolution.	
	Superconductivity	Bardeen, Cooper, Scheiffer	U.S.		At this stage just a concept, but which would translate into later experiments	
	Interferon	Alick Isaacs, Jean Lindemann	U.K., Switzerland		Interferon becomes a major tool in treating infectious disease	
	"100 Flowers Bloom Campaign"	Mao Tse Tung	China		China seeks to stimulate rural production as basis for Chinese economic development	
	Common Market Treaty of Rome	Jean Monnet, et.al.	Europe		Common Market creates customs union, lays foundation for European Community, Euro.	
	Independence of Ghana	Kwame Nkrumah	Ghana, U.K.		Ghana's independence from U.K.; wave of independence declarations over the next 4 years in Africa	
a	1958	National Guard in Little Rock, Arkansas	Orville Faubus, Dwight Eisenhower	U.S.	President Eisenhower authorizes National Guard to protect school desegregation in Little Rock, Arkansas	
a		Cling wrap	Dr. Jacques Brandenberger	Zurich, Switzerland	95	Started in 1908, called Cellophane, first in Paris in 1912, improved by DuPont, then called Saran Wrap
a		Pizza delivery	Raphael Esposito - Tom Monaghan	Naples, Italy	90	Pizza margherita(1889) first by R.Esposito, then to U.S. after WWII, then Pizza Hut, etc.
c		Heart Pacemaker implant			Major advance in stabilizing heart functions and warding off attacks.	
	"Great Leap Forward"	Mao Tse Tung	China		Mao transforms 100 Flowers campaign into rural industrialization model that eventually falters.	
	DeGaulle inaugurates 5th Republic	Charles DeGaulle	France		Charles DeGaulle creates new constitution with strong presidential model system	
a	1959	Car set belt	Nils Bohlin	Volvo, Goteborg,Sweden	100	First put on Volvo P544 in 1959, now standard.
a		Lycra		DuPont,U.S.	90	First in girdles, then in swimwear(1965), sportwear(1970s)
b		Integrated circuit	Jack Kilby and Robert Noyce	Texas Inst.,Fairchild,U.S.	100	Placing transistors in sequence on silicon boards greatly increased speed, lowered costs
c		Robotic manufacturing		U.S.	First developed in the U.S., then applied widely in Japan to achieve cost savings, quality improvements	
c		Rotary piston engine	Felix Wankel	Germany		Wankel's design tried out by Mazda, then abandoned.
	Castro ousts Batista in Cuba	Fidel Castro	Cuba		Fidel Castro's 1953 guerilla campaign defeats Batista, sets decades of dictatorship in Cuba	
	Opening of the St. Lawrence Seaway		U.S., Canada		Seaway lock system opens up midwest region to trans-atlantic seaborne commerce	
a	1960	Zinjanthropus discovered	Mary Leakey	Tanzania		At 1,950,000 years, Zinjanthropus represented an important link in human evolution
c		Plastic garbage bag		ICI, U.K.	99	Developed in 1933, film in 1954, then to supermarkets. Now an environmental water and land hazard
	Laser	Theodore H. Maiman	U.S.		Critical to fiber optics, lasers weld cars, quid smart bombs, trim concrete, scan groceries, do cataract surgery.	
	Capture of Adolf Eichmann	Israeli intelligence forces	Israel		Nazi holocaust leader Adolf Eichmann captured in Argentina, tried in Israel, executed in 1962	
	U-2 spyplane shot down by Soviets		USSR, U.S.		U.S. spy pilot Gary Francis Powers captured by Russians, Cold War deepens, freed later on exchange	
c	1961	Sharpeville massacre		South Africa		Police kill 12 anti-apartheid protesters in Sharpeville, South Africa precipitating ANC guerilla war.
	Selectric electronic typewriter		IBM, U.S.		Interchangeable font ball typewriter, critical to computer font development	
	U.S. Peace Corps established	John F. Kennedy, Sargent Shriver	U.S.		Peace Corps created as part of U.S. expanded participation in global policy, anticommunist initiatives	
	Yuri Gagarin orbits earth	Yuri Gagarin	USSR		Soviet cosmonaut Yuri Gagarin is the first to make a spacecraft circumnavigation of earth.	
	Bay of Pigs invasion	Cuban exiles, U.S. CIA	U.S.		JF Kennedy authorizes CIA sponsored ill-fated Bay of Pigs invasion in Cuba, relations decline	
	Erection of Berlin Wall	Nikita Khrushchev, Erik Honeker, et.al.	USSR		Khrushchev builds Berlin Wall to separate East Europe from West, accelerating Cold War tensions	
a	1962	Patrice Lumumba assassinated	CIA, Belgian forces	U.S., Belgium		Leftist premier Patrice Lumumba is assassinated, precipitating further civil war in the Congo
b		Beverage ring pull top		Alcoa		Canned beer first sold in 1950s; pull tops in 1962, replaced by snap tops in 1970s
a		Solid state electronic computer		IBM, U.S.		First programmable, memory storage transistor programmable computer
	Silicone implants	Earl Warrick and R.R. McGregor	Dow Corning, U.S.	20	First patented in 1947, then Dow Corning improved in 1951, first implant in 1962, lawsuits in 1980.	
	Algerian independence	Charles DeGaulle	France		After prolonged civil war, 1954-1962, France's President succeeds in transition to Algerian independence	
	Cuban missile crisis	Nikita Khrushchev; JF Kennedy	USSR, U.S.		Khrushchev's authorization of missiles to Cuba precipitates near outbreak of war with U.S. in October.	
a	1963	Nelson Mandela arrested		South Africa		Nelson Mandela arrested, sentenced to prison in Robbin Island, eventually freed.
	Hover mower	Karl Dahliman	Sweden,U.K.	5	First no-wheel mower, 1963 Flymo became Hovercraft for English Channel.	

	Quasars	Marten Schmidt	U.S.		Quasars represented a major advance in our understanding of energy in space
b	Gemini Guidance Computer		IBM, U.S.		Using integrated circuits, this computer was critical in the Gemini space program of the 1960s
c	Audiocassette tape		U.S.		First developed as 8 inch, then smaller cassette versions, crucial to early digital personal computers
	Assassination of J.F.Kennedy	Lee Harvey Oswald	U.S.		Oswald assassination of JFK followed by assassination by Jack Ruby, later political violence in U.S.
	Ngo Dinh Diem assassinated	CIA	U.S.		U.S. sponsors assassination of Ngo Dinh Diem to create stronger anti-communist regime in S.Vietnam
a	1964 Moog synthesizer	Robert Moog	U.S.	60	With Herbert Deutch, in 1964, first model in 1964, basis for <i>Switched on Bach</i> in 1968
c	High Speed "Bullet" train	Japan Railways	Japan		First models achieved 130 mph, later ones exceed 190 mph, France inaugurates TGV soon after
c	Cigarettes labeled hazardous		U.S.		U.S. Surgeon General declares cigarette smoking a health hazard, setting stage for later lawsuits
	Cheney, Goodman, Schwerner deaths		U.S.		Death of 3 civil rights workers highlights growing violence as U.S. civil rights movement makes inroads
	The Beatles on <i>The Ed Sullivan Show</i>	Ed Sullivan, The Beatles	U.S.		1960s rock takes new direction with rising popularity of The Beatles from Liverpool, England
	Gulf of Tonkin Resolution	U.S. Congress	U.S.		U.S. Congress passes resolution authorizing use of force to counter "attacks" on U.S. navy in S. Vietnam
	Homo Habilis	Louis Leakey	Tanzania		New discovery dates human fossils at 2.4 million years
a	1965 Miniskirt	André Courrèges	Paris, France	40	Skirt lengths have correlated well with the stock market over time
b	Black box navigation recorder		U.S.	100	Critical step in improving flight safety, "black" boxes sit in bright orange boxes to aid post-crash retrieval
a	Maclaren baby buggy	Owen Maclaren	ICI,U.K.	95	Origin of "rugged rubber baby buggy bumpers", as used in aircraft wheel design as well
	Medicaid, Medicare adopted		U.S.		Lyndon Johnson persuades Congress to adopt Medicaid&Medicare, foundation for later budget crises
	Civil rights march on Selma, Alabama	Martin Luther King, Jr., et.al.	U.S.		Martin Luther King symbolizes non-violent civil rights leadership through expanded protests
	Assassination of Malcolm X	Malcolm (Little) X	U.S.		Malcolm X, symbol of militant Black nationalism, is assassinated in Apollo Theater, Harlem, New York
	Racial riot in Watts, California		U.S.		Racial tensions result in riot in Los Angeles; others follow later in Detroit, Newark, and elsewhere
	UDI in Rhodesia	Ian D.Smith, et.al.	Southern Rhodesia		White separatists declare independence from U.K. rather than cede power to Black African majority
	Coup d'état in Congo	Joseph D. Mobutu	U.S.,Belgium,Congo		Western forces aid coup by Joseph Mobutu, who ends civil war, renames Congo Zaire, builds corruption
c	1966 Medicare begins	Lyndon Johnson	U.S.		Medical insurance for the elderly begins, which with Medicaid, adds to later spiraling medical costs
	Artificial heart implant	Dr. Michael DeBakey	U.S.		DeBakey makes successful artificial heart implant in Houston, Texas
c	1967 Heart Transplant Operation	Dr. Christiaan N. Barnard	South Africa		Pioneering work that is now widespread throughout the world
	Quarks	Jerome Friedman, Henry Kendall, Richard Taylor	U.S.		Quarks (from James Joyce) represent a building block in particle physics
	Cultural Revolution in China	Mao Tse Tung	China		Mao seeks to re-energize Chinese Communist revolution by purge of intellectuals.
	Mid-East Six Day War	Egypt, Syria, Jordan, Israel	Middle East		Six-Day war results in Israeli occupation of Sinai, Golan Heights, West Bank.
	Biafran independence declaration	Ojukwu	Nigeria		Biafran secessionist movement results in Nigerian civil war, lasts 32 months.
a	1968 Workmate	Ron Hickman	Lotus Cars, U.K.	25	Minibench, 1968, Black and Decker began Workmate in 1972.
	Prudhoe Bay oil discovery	Arco,BP	Valdez,Alaska		Last major discovery before energy crisis of 1970s, basis of 1989 Exxon Valdez 240,000 barrel oil spill.
	Assassination of Martin Luther King, Jr.	James Earl Ray	U.S.		Assassination of King brings rising frustration with non-violent approach to civil rights movement in U.S.
	Assassination of BobbyKennedy	Sirhan Sirhan	U.S.		Assassination of Bobby Kennedy anticipates shift in political power and Nixon is elected in November.
	North Korea captures <i>Pueblo</i>	North Korea, U.S.	North Korea, U.S.		North Korea seizes U.S. warshipPueblo on grounds of spying, holds 83 prisoners
	Russian tanks in Prague	Leonid Brezhnev	USSR		Brezhnev uses military to put down liberalizing regime of Alexander Dubcek, keeping hardliners in power
	Tet offensive	Ho Chi Minh, Ngo Giap	Vietnam		Vietcong offensive compares to Dien Bien Phu in terms of demoralizing U.S. & S.Vietnam resistance
c	1969 Manned flight to the moon		U.S.		Culminating a decade of exploration, July 20 moonwalk by Neil Armstrong is "one giant step for mankind"
	Antitrust lawsuits on IBM, AT&T		U.S.		Suit against IBM later dropped as IBM falters; AT&T suit leads to consent decree divestiture in 1984
	Ted Kennedy at Chappaquiddick	Ted Kennedy	U.S.		Mass.Senator Ted Kennedy abandons Mary Jo Kopechne, who drowns at Chappaquiddick, Mass.
a	1970 Disposable lighter		Dupont, France	25	Dupont creates the Cricket, sells to Gillette(1970), competes with Bic (1984),
c	Fiber-Optic Cable		Owens-Corning,U.S.	95	90% of U.S. Long distance traffic, installed capacity = 350 round trips to the moon =84,000,000 miles
	LCD (Liquid Crystal Display)	Hoffmann-La Roche	Switzerland		LCD technology would later surpass LED technology as far cheaper to produce
	Creation of EPA		U.S.		Following Earth Day, Environmental Protection Agency develops guidelines, performance indices
	U.S. GDP exceeds \$1 trillion		U.S.		U.S. GDP exceeds \$1 trillion for the first time.
a	1971 Kent State Univrsity student deaths		U.S.		4 students are killed by National Guard soldiers at student antiwar protesters at Kent State U., Ohio
	Child-resistant cap		Owens-Brockway,U.S.	100	Click-Lok became the world safety standard, but innovations added after Tylenol poisonings in 1985.
b	Bowmar "Brain" calculator		Bowmar, U.S.		LED display model, sold for \$240 in 1971, performed 4 functions, no storage, numeric only display
	Supreme Court authorizes busing		U.S.		U.S. Supreme Court authorizes use of busing to achieve racial desegregation in public schools
a	1972 Pocket calculator		Canon,Japan,Sinclair,UK	85	First model 4/15/70,then Sinclair(1972),TA(1967),HP(1973); LED later with LCD displays,solar batteries
c	Last Manned Mission to Moon	Apollo 17 mission	U.S.		NASA space budget is reduced, non-manned exploration planned.
c	Compact Digital recording technology	RCA Corporation	U.S.		Critical innovation to high quality music, then to the development of CD's for music and computers
	Video disk technology	Phillips Corporation, N.V.	Netherlands		Phillips' innovation did not succeed, VCR technology takes hold; 1990's laserdiscs return as DVD's
c	Ban on DDT		U.S.		Following Rachel Carson's 1962 book <i>Silent Spring</i> , restrictions on pesticides restore some species
	Watergate break-in	Richard Nixon	U.S.		President Nixon authorizes break-in operation of DNC headquarters, foundation for 1974 resignation
	Nixon visits China	Richard Nixon, Henry Kissinger, Chou en Lai, Mao Tse Tung	U.S.		Nixon goes to China, ends two-China policy, lays foundation for later diplomatic relations
	Death penalty ruled unconstitutional	U.S. Supreme Court	U.S.		U.S. Supreme Court rules that death penalty is unconstitutional, later overturned, letting states resume.
	Arabs kills 11 Israeli athletes in Munich				Arab terrorists assassinate 11 Israeli athletes at Olympics in Munich, Germany, 5 guerrillas later killed
a	1973 LCD		Hoffman LaRoche,Basle,Sw	70	First produced in 1970, became the basis for today's passive and active matrix computer screens
b	Programmable calculator	Chung Tung	Hewlett-Packard, U.S.		HP-65 could execute programmable functions, had LED display, sold for \$395
	Mideast war, energy crisis				October Arab Yom Kippur attack on Israeel produces OPEC oil embargo, quadrupling oil prices
	Roe v Wade abortion decision	U.S. Supreme Court	U.S.		Supreme Court provides constitutional guarantee of right of women to abortion
	VP Spiro Agnew resigns	Spiro Agnew	U.S.		Vice President Spiro Agnew resigns, pleads guilty to tax evasion charges, is fined, put on probation
	Junta abolishes monarchy in Greece	Papadopoulos	Greece		Greek military abolishes monarchy, establishes republic, maintains power behind republican façade
	Bombing in Cambodia ends		U.S.		U.S. air force ends bombing of Cambodia after efforts to interdict Vietcong supply routes fail.
	Gt. Britain, Ireland, Denmark in EU		U.K.,Ireland,Denmark		U.K.,Ireland,and Denmark enter Common Market marking decline of EFTA, growth of European Mkt.

a	1974	Bar code		IBM, U.S.	99	8:01 a.m., 26 June, 1974, Wrigley's chewing gum at Marsh Supermarket, Troy, Ohio
b		Magnetic program calculator	Chung Tung	Hewlett-Packard, U.S.		HP-67 sells programs on plastic strips, authored programs recorded on strips, sells for \$395
b		Digital electronic microprocessor		Intel, U.S.		The 8080 became critical to the development of desktop computer technology
		Nixon resigns	Richard Nixon	U.S.		Watergate hearings produce trail of evidence implicating President, who resigns to avoid impeachment
		Discovery of "Lucy"	Donald Johansen	U.S., Ethiopia		Discovery of "Lucy" fossil places human record at over 3 million years.
b	1975	Desktop personal computer kit	Forrest Mims	ALTAIR, U.S.		No keyboard, no video terminal, no paper tape reader, binary code, 256 k of memory, sold as kit for \$395.
c		Supersonic transport Concorde	British Airways-Aerospatiale	U.K., France		First commercial supersonic transport, 100 passengers, 1,350 mph, rival Russian TU-144 discontinued
c		Video games	Nintendo, Sega	Japan		Video games first operate via computers, then hand held models.
		JVC introduces home VCR	Japan Victor Corporation	Japan		Japanese introduce home VCR's, a battle between Betamax and VHS technology. VHS wins.
		Vietcong forces occupy Saigon	Ho Chi Minh, U.S.	Vietnam, U.S.		Vietcong forces take over U.S. embassy, Saigon, bringing end to South Vietnam regime.
		Cambodians capture Mayaguez ship	Cambodia	Cambodia		U.S. marines rescue crew captured by Cambodian forces
		Apollo and Soyuz space rendez-vous	U.S., USSR	U.S., USSR		Spacecraft linkup symbolizes closer cooperation between USSR and U.S., though Cold War still on.
b	1976	CRAY-1 Supercomputer	Seymour Cray	Cray Computer, US		The first electronic digital supercomputer, 85 units were sold at \$5 million each
c		Synthetic insulin developed	Genentech	U.S.		Synthetic insulin promises a wave of genetic engineered drugs
		Israeli commandos move on Entebbe		Israel		Israeli commandos liberate 103 prisoners hijacked on Air France flight by Arab terrorist group.
		Outbreak of "Legionnaire's Disease"		U.S.		Outbreak in Philadelphia eventually kills 29 legionnaires, cause of which eventually identified as bacteria.
		Death of Mao Tse Tung		China		Death of Mao Tse Tung in Beijing results in purge of "gang of 4", rise to power of Deng Xiaoping, reforms
a	1977	I Love NY	Milton Glaser	New York	30	First developed for New York tourism in 1977, now in foreign languages abroad
b		Apple II Desktop personal computer	Steve Jobs, Steve Wozniak	Apple Computer, Cal.		The Apple II sells for \$1,200, has a built-in keyboard, separate video, 5.25" external drive, 64K of memory
		CAB begins countdown	Alfred Kahn	U.S.		Economist Alfred Kahn leads charge on deregulation, beginning with airline industry.
c	1978	In Vitro Fertilization	Patrick Steptoe	U.K.		Test-tube babies begin, designed to overcome infertility.
		Abduction, death of Aldo Moro	Italian terrorists	Italy		Terrorists abduct then kill Italian Prime Minister Aldo Moro.
		Panama Canal resolution		U.S.		U.S. agrees to turn over to Panama sovereignty of Panama Canal by year 2000.
		Camp David Accord Signed	Anwar Sadat, Menachim Begin, Jimmy Carter	Egypt, Israel, U.S.		Egypt and Israel sign accord paving way for diplomatic relations, return of Sinai, related issues.
b	1979	LCD Programmable calculator		Hewlett-Packard, U.S.		Alpha-numeric display, programmable, sold for \$300
c		3 Mile Island Nuclear Plant Failure	GPU	Harrisburg, Pa, U.S.		April, 1979 failure signalled limitations in nuclear plant safety as reactor went through core meltdown
		Walkman	Sony Corporation	Japan		Portable audiocassette technology, leads to Discman systems in the late 1980s, created new flexibility
		VisiCalc Spreadsheet		U.S.		First computer spreadsheet, designed for the Apple II, creates a major business tool.
		Chrysler bailout	John Riccardo	U.S.		Chrysler bailout by U.S. government sets stage for firm's revival, basis for later merger with Daimler
		Ayatollah Khomeini assumes power	Ruhollah Khomeini	Iran		Ayatollah Ruhollah Khomeini takes over Iran as Shah resigns due to ill health, begins Iranian revolution
		Iranian militants seize U.S. embassy	Ayatollah Khomeini	Iran		Militants' seizure of U.S. embassy and personnel marks rapid decline in U.S.-Iran relations for two years
		SALT II agreement signed	Jimmy Carter, Leonid Brezhnev	U.S., USSR		SALT II accords provide for mutual reductions in nuclear weapons, basis for later negotiations
		Sandinistas take over in Nicaragua		Nicaragua		Sandinista government takes over in Nicaragua, allies with Cuba, opposes U.S. presence in region
		Russian invasion in Afghanistan	Leonid Brezhnev	USSR		Russian invasion in Afghanistan produces U.S. embargo, decline in U.S.-USSR relations
c	1980	Car Squeegee "Service"		New York City, most likely		Since banned by most municipalities
c		VCR, videocassette recording	JVC, or Japan Victor Corporation	Japan		JVC launches VHS cassette system, then rivaled by Sony's betamax, wins out through marketing
c		Eradication of smallpox	WHO	Geneva, Switzerland		World Health Organization sounds positive note; in 1999 U.S. and Russia hold stocks as insurance
		John Lennon assassinated		U.S.		Beatle singer John Lennon's death marks end of an era, fission in music styles already well under way.
		Helicopter mission in Teheran fails		U.S.		Jimmy Carter's authorization of a helicopter lift to release U.S. embassy personnel fails.
a	1981	Post-it Note	Spencer Silver	3M, Minnesota	90	An accidental discovery, it now even has electronic versions on computers
b		IBM Personal Computer	Don Estridge team	IBM, U.S.		The first to use Bill Gates fledgling Microsoft operating system since IBM did not have one in place
c		Stealth bomber	Lockheed Corporation	U.S.		First radar eluding bomber, the F-117A first saw combat in the Gulf War in 1991.
		Lotus 1-2-3 Spreadsheet	Mitch Kapor	Lotus Corporation		Lotus enhances VisiCalc functions and builds the first IBM compatible spreadsheet
		Iraq-Iran war		Iraq, Iran		War between Iraq and Iran over control of the Persian Gulf, Shi'ite versus Sunni Islam in region
c	1982	Artificial Heart	Robert Jarvik	U.S.		First mechanical heart had setbacks, more refinements since.
		MS Word and Excel introduced	Bill Gates' engineers	Microsoft Corp, U.S.		Word and Excel form the core of Microsoft Office package, competing against Word Perfect, et al.
		Beginning of S&L Crisis	Deregulation, inflation	U.S.		Savings and Loan banks undergo liquidity crisis, Federal loan guarantees to restore solvency.
		British defeat Argentines in Falklands	Margaret Thatcher, et al.	U.K.		British forces thwart Argentine armed occupation of Falklands/Malvinas, restore U.K. sovereignty
		Israeli forces invade Lebanon	Ariel Sharon	Israel		Israeli forces invade Lebanon; Lebanese Christian Phalangists massacre hundreds of Palestinians
		Leonid Brezhnev dies		USSR		Death of Brezhnev later results in rise of Mikhail Gorbachev, who begins reform that ends the USSR
b	1983	TRS-80 Model 100		Tandy Radio Shack, U.S.		The first successful notebook computer, building on 1977 TRS-80 model, Bill Gates wrote the software
		Home Laserdisc players	Phillips Corporation, N.V.	Netherlands		Dutch pioneering of laserdisc loses initially to VCR's, whose costs decline dramatically as titles expand.
		Space shuttle Challenger	NASA	U.S.		Space shuttle provides savings on manned space flights, later brings disaster.
		Astronaut Sally Ride	NASA	U.S.		Sally Ride becomes first woman astronaut to ride in shuttle
		Russians shoot down S.Korean airliner	USSR	USSR		Suspecting airspace violation, Russians shoot down KAL 007, killing 269, including 61 Americans
a	1984	Builders' chute	G.H.Vlutters and A.J.Vlutters	Netherlands	85	First used in restoration of Cologne, Germany church to reduce debris scatter
b		Macintosh personal computer	Steve Jobs, Steve Wozniak	Apple Computer, Cal.		First to use Xerox's desktop flexible operating system, 128K original machine uses first 3.5" floppy disks
		Bell System broken up	Harold Greene	U.S.		Judge Harold Greene presides over breakup of AT&T into parent company, 7 baby bells
		Italy ends Catholicism as state religion		Italy		Italy signs agreement with Vatican ending Catholicism as official state religion.
		Assassination of Indira Gandhi	Sikh bodyguards	India		Assassination of Indira Gandhi results in riots, succession by son Rajiv Gandhi.
		Union Carbide toxic deaths in India	Union Carbide	India		Union Carbide's plant leak in Bhopal kills 2000, injures 150,000 others
c	1985	Death of Constantine Chernenko		USSR		Chernenko's death results in assumption of power by Mikhail Gorbachev, Russian reformer.
		PLO hijack Achille Lauro cruise ship		PLO		PLO hijack cruise ship Achille Lauro, kill American Leon Klinghoffer because he is Jewish, outrage ensues
		Shi'ite hijacking in Athens		Hezbollah		Shi'ite militants hijack TWA plane in Athens.



a	1986	Prozac	Eli Lilly Co., U.S.	30	Synthesized fluoxetine, first introduced in Belgium(1986), US(1988),U.K.(1989).
c		Microsoft Corporation goes public	Bill Gates	Microsoft Corp,U.S.	And later to be charged with antitrust violations
c		Explosion of Shuttle Challenger	NASA	U.S.	All seven members, including teacher Christa McAuliffe, are killed.
c		Chernobyl Reactor meltdown		Soviet Union	Partial meltdown at Chernobyl, Ukraine, radioactive emissions reach Sweden and Netherlands
		Spain & Portugal join EU		Europe	Common Market expands with addition of Spain and Portugal
		Voyager 2 photos of Uranus	NASA	U.S.	U.S. unmanned space program continues to explore solar system
		Marcos, Duvalier flee	Philippines, Haiti	Philippines, Haiti	In unrelated events, Ferdinand Marcos steps down in Philippines, as does Jean Claude Duvalier in Haiti
		Swedish P.M. Olof Palme killed		Sweden	Swedish Prime Minister Olof Palme of Sweden is assassinated in Stockholm, no one ever arrested.
		Kurt Waldheim's Nazi past revealed		Austria	UN Secretary General Kurt Waldheim's Nazi past revealed by investigators, resignation ensues
		Jonathan Pollard sentenced for spying		Israel	Jonathan Pollard charged, sentenced, and imprisoned on charges of spying for Israel in U.S.
		Halley's Comet flies by		world	Halley's comet, last seen in 1910, flies by and is inspected closely by scientists.
		U.S. planes attack Libya		U.S.	U.S. planes attack suspected terrorist sites in Libya, incident later linked to Lockerbie Pan Am explosion
	1987	Dow Jones crash		U.S.	Dow Jones drops by larger percent than in 1929, bringing temporary end to speculative bubble in U.S.
		Iraqi missiles kill 37 on USS Stark		Iraq, U.S.	Iraqi French-built exocet missiles, kills 37 on USS Stark in Persian Gulf
		Klaus Barbie sentence in France		France	Former Nazi Gestapo chief in Lyons sentenced to life for war crimes.
		Reagan accepts Iran-Contra role		U.S.	President Reagan accepts responsibility for arms deal designed to support Contra forces in Nicaragua
		Toni Morrison wins Pulitzer		U.S.	Toni Morrison wins Pulitzer Prize for novel <i>Beloved</i> , later made into less successful movie.
	1988	U.S. shoots down Iranian airliner		U.S.	U.S. kills 290 Iranians in mistaken shooting of an Iranian civilian airliner, offer reparations.
		Pakistani President killed		Pakistan	Bomb explodes on plane, killing Pakistani President Mohammed Zia ul-Haq; Benazir Bhutto appointed
		Pan Am Flight 103 explodes in Lockerbie		Scotland	Pan Am flight 103 explodes in Lockerbie, Scotland, killing 103; Libyan terrorists suspected.
	1989	Intel 80386 microprocessor	Andrew Grove and engineers	Intel Corporation	Intel's 386 microprocessor greatly improves Microsoft Windows 3.1 performance, increases mkt. Share
		Human gene transfer	Senberg, R. Michael Blaese, W. French Anderson	U.S.	Gene transfer becomes a critical link in establishing new therapies against old diseases
		June 4 Tiananmen massacre	Chinese protestors, military	China	Chinese leaders kill thousands involved in protests, all while continuing market oriented reforms
		Death of Emperor Hirohito		Japan	Japanese Emperor Hirohito dies, is succeeded by son Prince Akihito.
		Fatwah placed on Salman Rushdie	Ayatollah Khomeini	Iran	Ayatollah Khomeini issues death fatwah on Salman Rushdie, for his book <i>The Satanic Verses</i>
		Mikhail Gorbachev becomes President		USSR	Gorbachev becomes USSR president, pursues <i>glasnost</i> and <i>perestroika</i> reforms
		Exxon Valdez spills oil in Alaska		U.S.	11 million gallons of crude oil spill into Prince William sound, killing wildlife, cleanup takes years
		Oliver North sentence in Iran-Contra		U.S.	Oliver North convicted and sentenced in Iran-Contra affair
		P.W. Botha quits S.Africa presidency		South Africa	This marks the first step in a political transition involving the bringing of Nelson Mandela to power.
		Berlin wall is taken down		Germany	This marks the end of the Soviet Union and the subsequent re-unification of East and West Germany
		Czech and Romanian revolts succeed		Czechoslovakia,Romania	Czechoslovakia and Romania overturn their Communist governments and engage in reforms
		U.S. invades Panama		U.S., Panama	U.S. invades Panama seeking dictator Manuel Noriega, who turns himself in to U.S. forces in 1990.
c	1990	World Wide Web	Tim Berners-Lee	CERN,Switzerland	J.C.R. Licklider, of DARPA, predicted in the 1960s a network of multi-access computers for common use
		Yugoslavia rejects communism		Yugoslavia	Yugoslavia ends communist rule, sets stage for re-Balkanization, re-emergence of ethnic conflicts
		Soviet Union ends Communist monopoly		USSR	A critical turning point in ending the Soviet Union.
		Official end of the Cold War		USSR, US	USSR and US consider ways of establishing military cooperation for continental security issues
		Iraq invades Kuwait		Iraq, Kuwait	Iraq lays claim to Kuwait, sends in military force to take over country, sets stage for Gulf War
		Germany re-united		Germany	Following dismantling of Berlin Wall, end of Cold War, East and West Germany unite.
c	1991	Persian Gulf war		Iraq, UN forces	UN force defeats Iraqi forces, begins process of airspace control, embargo on Iraq, weapons inspections
		Albania rejects communism		Albania	Albania rejects communist government, begins political reforms
		Jiang Qing commits suicide		China	Mao Tse Tung's widow commits suicide in Beijing following continuing accusations regarding Gang of 4
		South Africa rejects apartheid		South Africa	South African parliament repeals apartheid laws, sets stage for multi-racial government
		Boris Yeltsin elected		Russian Republic	Boris Yeltsin elected first president of post-Soviet Russian Republic
		Baltic states become independent		Estonia,Latvia,Lithuania	Baltic states, taken over by Stalin in 1940, become independent once again as non-communist states
		Collapse of Soviet Union		Russian Republic	Mikhail Gorbachev resigns, Soviet Union dissolves.
b	1992	Sun SPARC workstation		Sun Computers, U.S.	Using Motorola 68000 microprocessor, uses UNIX and RISC programming
		NAFTA established		Canada,Mexico,U.S.	NorthAmerican Free Trade Association established with goal of greater economic integration
		U.S. signs SALT II treaty		U.S., Russian Federation	SALT II ratification sets stage for continuing arms reduction negotiations
		U.S. military leaves Philippines		Philippines, U.S.	U.S. military leaves Philippines, ending 100 years of military presence, following 1898 war with Spain
		Czechoslovakia votes to split		Czech and Slovak Republics	Split of Czechoslovakia is a peaceful separation, based partly on leadership of Vaclav Havel
c	1993	Internet browser	Marc Andreessen	Mosaic,U.Illinois,U.S.	First internet browser, forerunner of Netscape
c		End of Supercollider Project			U.S. ends support for superconductor supercollider, leaving Swiss CERN group as sole project
		US provides relief to Bosnia		U.S., Bosnia	Bosnia secessionist move from Yugoslvva meets Serbian resistance, leading to outside intervention
		L.A. police beat Rodney King		U.S.	Videotape shows police beating of minority motorist in Los Angeles, racial tensions and inquiries ensue.
		Iraq accepts weapons monitoring		Iraq, UN	Iraqi acceptance of UN terms begins arms inspections, some movement on autonomy
		Maastricht Treaty		Europe	Maastricht Treaty of 1992 ratified, replacing Common Market with European Community, new governance
		South Africa accepts majority rule		South Africa	South Africa ratifies majority rule constitution in further step toward multi-racial governance
c	1994	Nelson Mandela becomes SA President		South Africa	Nelson Mandela elected president of new South Africa with broad popular support at home and abroad
		O.J. Simpson arrested		U.S.	O.J.Simpson arrested in death of wife, family friend, eventually tried, freed on criminal but not civil charges
		Israel and Jordan make peace		Israel, Jordan	Israel and Jordan sign peace treaty, establish diplomatic relations following accords on Palestinians
		Reagan speech on Alzheimer's		U.S.	Former President Ronald Reagan makes retirement speech announcing he has Alzheimer's disease
		Russian army attacks Chechnia forces		Russian federation	Russian military opposes independence of Chechnya
		Ardipithecus ramidus		Ethiopia	Oldest known human ancestor, with chipanzee-like skull, estimated to be 4.4 million years old
c	1995	U.S. \$20 billion bailout to Mexico		U.S., Mexico	Mexican financial crisisof 1994 produces devaluation, inflation, and U.S. intervenes with aid package

	Cult leader kills Tokyo subway riders		Japan	Japanese cult leader kills 8 in sarin gas attack on Tokyo subway, thousands injured.
	Blast kills dozens in Oklahoma City		U.S.	Timothy McVeigh arrested following explosion killing dozens at U.S. federal building in Oklahoma City
	Super 301 trade sanctions on Japan		U.S., Japan	Rising U.S. dollar and decline in Japanese economy feed trade deficit, leading to sanctions.
	Death toll at 2,000 in Rwanda		Rwanda	Hutu and Tutsi involved in ethnic cleansing civil war, anticipating invasion of Zaire after Mobutu
	Million Man March in Washington	Louis Farrakhan	U.S.	Louis Farrakhan organizes march of over 100,000 African-American men in Washington to reclaim dignity
	Israeli Primary Minister Rabin killed		Israel	Jewish extremist assassinates Israeli Prime Minister Yitzhak Rabin
	Nigeria hangs rights advocates		Nigeria	Nigerian hanging brings world protests as military government continues in power accused of corruption
	Bosnia Peace Treaty on independence		Bosnia	Bosnia signs peace treaty with Yugoslav forces, achieving political independence
c	1996 The Eurotunnel		U.K., France	31 mile long opened in 1996, in 1998 moved 20 million people, 11 million tons of freight
	France ends nuclear tests		France	Following Pacific atoll test, France announces end of nuclear testing
	Suicide bombers in Israel		Israel	Suicide bombers kill 59 in Israel, stiffening opposition to reform by PM Benjamin Netanyahu
	Truck bomb kills 19 in Saudi Arabia		Saudi Arabia	Truck bomb kills 19 U.S. soldiers in Saudi Arabia
	TWA flight 800 crashes in Atlantic		U.S.	TWA flight 800 explosion kills 230, terrorism suspected by later debated via inquiry
	Iraqis attack Kurds		Iraq	Iraqi attack on Kurds leads to U.S. airstrikes over no-fly zone.
	Fundamentalists take Afghanistan		Afghanistan	Fundamentalists overthrow former Communist regime in Kabul, proclaim Sharia law
	Dow Jones passes 6,000 level		U.S.	Fundamentals continue to drive the U.S. stock market
	U.S. supports relief plan on Hutus		U.S., Canada	U.S. supports Canadian relief plan for UN support of Hutu refugees living in eastern Zaire
	Koffi Annan selected as UN Sec. Gen.		UN	Ghanaian Koffi Annan replaces Boutros Boutros Ghali as UN Secretary General.
	Ella Fitzgerald dies		U.S.	Jazz Singer Ella Fitzgerald defined much of 20th century jazz vocal style.
c	1997 Pathfinder Mission to Mars	NASA	U.S.	First unmanned mission to Mars, \$265 million, with \$25 million for Sojourner rover.
	Dow Jones breaks 7000 level		U.S.	Dow Jones continues upward expansion
	Genetically engineered sheep		Scotland	Scotland medical specialist produces first animal clone, Dolly the sheep.
c	1998 Satellite based cell telephone		Iridium Corp., U.S.	Global satellite cellular telephone service capability inaugurated
c	India Underground Nuclear Tests		India	India detonates 3 underground explosions, Pakistan, heightened tensions in South Asia region ensue.
c	Viagra drug for impotence		U.S.	First anti-impotence drug by major firm leads to jokes, promised version for women, hope for men.
c	1999 Balloon global circumnavigation	Bertrand Piccard and Brian Jones	France, U.K.	20 day global circumnavigation, 1/4 the time in Jules Verne's 1880 novel <i>Around the World in 80 Days</i>
	2000			

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