



Smithsonian
National Museum of American History
Kenneth E. Behring Center

Guide to the Eisler Engineering Company Records

NMAH.AC.0734

Alison Oswald

2008

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Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	Eisler Engineering Company records
Identifier:	NMAH.AC.0734
Date:	(bulk 1920-1950s) 1885 - 1988
Extent:	30 Cubic feet (49 boxes, 25 oversize folders)
Creator:	Eisler Engineering Company.
Language:	English Collection is in English. Some materials in French, German, Hungarian, and Spanish.
Summary:	Records document Charles Eisler, a Hungarian immigrant who was a skilled mechanic and engineer and his company, Eisler Engineering Company of Newark, New Jersey, which manufactured equipment for producing electric lamps, television and radio tubes, welding equipment and laboratory equipment.

Administrative Information

Acquisition Information

The collection was donated by E.N. Logothetis of Kahle Engineering on June 15, 2000.

Related Materials

Materials in the Archives Center

Kahle Engineering Company Records, 1930-1980 (AC0735), the successor company to Eisler Engineering

Materials in Other Organizations

Rutgers University Special Collections and University Archives have some Eisler Engineering Company trade literature in the Sinclair New Jersey Collection: New Jersey Trade Literature and Manufacturers' Catalogs at http://www.libraries.rutgers.edu/rul/libs/scua/sinclair/sinclair_main.shtml.

Processing Information

Processed by John Mask (intern), and Alison Oswald, archivist, December 2006.

Preferred Citation

Eisler Engineering Company Records, Archives Center, National Museum of American History, Smithsonian Institution.

Restrictions

The collection is open for research use. Series 3, Employee Records, personnel files are restricted; see repository for details.

Conditions Governing Use

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Biographical / Historical

Charles Eisler (1884-1973) was born in Hungary to Adolph and Helen Eisler. Charles was the second child of nine: George, Emil, Michael, Leopold, Rudi, Franz, Emma and Lajos. Eisler completed his engineering and mechanical studies by the age of 17 and began an apprenticeship with a local factory. He became a licensed steam engineer and fireman of high pressure boilers. In 1902, he left Hungary for Berlin, Germany, with the goal to immigrate to the United States. In Germany, Eisler worked in a factory in Eberswalde, north of Berlin. The factory manufactured cast-iron pipe and machinery, and Eisler operated a crane loading barges near the factory. Eisler left Eberswalde and returned to Berlin to work as a toolmaker at Allgemeine Electricitäts Gesellschaft' (AEG). He arrived in New York City on the SS Potsdam/Stockholm (I) in November 1904. Because Europeans dominated the field of skilled mechanics and tradesmen in the United States, Eisler easily found employment in East Pittsburgh at Pittsburgh Westinghouse. In 1907, Eisler worked for Studebaker Metzger Motor Company as a tool-designer and tool room foreman.

Eisler returned to Hungary in the spring of 1912 where he took a job as a tool designing engineer with an American owned electrical firm, Standard Electric Company, in Újpest. He married Frieda Schwartz Eisler (d.1962) on December 24, 1912, in Budapest. They had four children: Charles Eisler, Jr., Martha (Eisler) Leff; Ruth (Eisler) Forest; and Constance (Eisler) Smith. In 1914, Eisler, his wife Frieda, and their newborn son Charles, Jr., returned to the United States. Eisler worked at the Westinghouse Lamp Company in Bloomfield, New Jersey, designing machines for building incandescent lamps with tungsten wire. At Westinghouse, Eisler held the position of chief engineer of the equipment division, and he completed the International Correspondence Schools course in mechanical engineering (1918). Eisler left Westinghouse in 1919 to work for Save Electric Corporation of Brooklyn, New York (an independent lamp manufacture), formed by Max Ettiger. At Save Electric, Eisler was equipment engineer superintendent and responsible for designing machines for the production of incandescent lamps.

General Electric (GE), Westinghouse, and RCA had a monopoly on modern incandescent lamp making machinery. The manufacture of lamps and tubes had moved from a low-rate, highly skilled craft work of Edison's Menlo Park to a high-rate, semi-skilled process dominated by GE and others. It was difficult for independent lamp manufacturers, such as Save Electric, to compete. The control and licensing of machinery patents was one method GE used to maintain a virtual monopoly on lamp manufacture throughout the first half of the 20th century. GE purchased Save Electric in 1920 to remove it from the incandescent lamp market. That same year, Eisler lost his job and started his own company, Eisler Engineering Company, to consult and manufacture equipment for producing electric lamps, television tubes, radio tubes, glass products, neon tubes, welding equipment and laboratory equipment. He

established a machine shop at 15 Kirk Alley, Newark, New Jersey, where he redesigned many of his machines and drawings and started patenting. By 1924, Eisler's plant doubled in physical size and labor supply, with the radio tube industry peaking in 1929.¹ However, the stock market crash of 1929-1930 severely impacted production, and Eisler never again saw the same growth. In 1929, Eisler sold a 49% interest in the company to Frank Bonner.

In June 1933, Eisler and others organized a group of independent manufacturers into the Incandescent Lamp Manufacturer's Association (ILMA). In response to the pressuring tactics of GE, Westinghouse and RCA, the group also documented every lamp maker who went out of business or that was bought by a monopoly member. The ILMA allowed members to pool their resources for patent litigation. "Eisler was the third leading outside supplier of lamp making machinery. It was not licensed by General Electric, and the unlicensed lamp manufacturers obtained most of their lamp making equipment from it. The Eisler equipment was less automatic and of considerably less speed than the machinery used by the General Electric group. However, it was considerably lower in price."²

Eisler Engineering Company was sued at least four times by GE between 1923 and 1928 for alleged patent infringement but won each case. The cases involved four United States patents owned by GE: Van Keuren #1,326,121; Mitchell and White #1,453,594; Mitchell and White #1,453,595; and Marshall #1,475,192. The last three patents address a process used in the manufacture of electric lamps known as "sealing in" of tip-less lamps. The plaintiff, GE, complained that Eisler, the defendant, was infringing. Several GE patents were declared invalid during the proceedings or were withdrawn, and Eisler's U.S. Patent #1,637,989 for tip-less lamps was upheld. See *General Electric Company vs. Eisler Engineering Company*, 20 F (2d.) 33 (C.C.A., 1927), 26 F (2d.) 12 (C.C.A., 1928), and 43 F (2d.) 319 (C.C.A., 1930). One of Eisler's strongest defenses was a 1916 article he published in *Machinery* on Tungsten Lamp Manufacture. Eisler defended his case not only for the interest of his own company but also for those who utilized his products as well as those who manufactured under a licensing agreement with Eisler Engineering Company.

In 1954, Charles Eisler, Jr., formerly vice president became president of Eisler Engineering Company, Inc., and Charles Eisler, Sr., became chairman of the board. In 1958, Eisler Senior officially stepped down. In the late 1970s, Eisler, Jr., sold the company to Kahle Engineering Company. Kahle, established in 1920 with its roots in the glass machinery business, provided equipment for the medical device, pharmaceutical, electrical and automotive industries. Today, Kahle focuses solely on the manufacture of assembly machines for medical devices.

Eisler was issued fifty-seven United States patents relating to the mass production of glass articles. His first patent was issued in 1916 (U.S. Patent # 1,209,650) for a turret attachment and his last was issued in 1958 (U.S. Design Patent # DES 182,796) for a spot welder/press type. Eisler received an honorary Doctor of Science degree from Bloomfield College in Bloomfield, New Jersey (1951) and was elected to life membership in the American Society of Mechanical Engineers (1952). He died on October 8, 1973 at the age of 89 in East Orange, New Jersey.

¹ Eisler, Charles. *The Million-Dollar Bend* (New York: William-Frederick Press, 1960). ² Bright, Arthur. *The Electric Lamp Industry* (New York: Macmillan Co., 1949).

Scope and Contents

The bulk of the materials date from the 1930s to the 1950s and document Charles Eisler's contributions to the modern lamp making industry. There is considerable personal information documenting Eisler and his family, and his connection to his native Hungary. The collection is divided into 9 series: personal materials; business materials; employee records, operating records; diagrams and drawings; litigation and patent records; photographs; and scrapbooks.

Series 1, Personal Materials, 1944-1970, is divided into six subseries: Passports and Naturalization Certificate, 1910-1970s; Photographs, 1912; Chronological Correspondence, 1944-1970; Alphabetical Correspondence, 1941-1969; Family and Friends Correspondence, 1956-1966; Vacation Information, 1951; Financial Information, 1960-1967; and Medical Bills and Information, 1963-1967.

There are several passports (United States and German) for Eisler and his United States naturalization certificate of 1910. The photographs, 1912, are from Eisler's friend, Ed Korn. The photographs depict an airplane that Eisler created drawings for and two individuals, Bert Berry (parachutist) and Tony Januss, a pilot at Kinloch Field, St. Louis, Missouri.

The chronological correspondence, 1944-1970, is arranged chronologically. It contains letters about Hungarians and Hungarian issues; invitations to social events and speaking engagements; thank you letters; letters of condolence; donations; birthday greetings; and club memberships. Eisler was active in the Newark, New Jersey, Hungarian community. He donated equipment, clothes, and money to a variety of organizations that assisted Hungarians in the United States and in Hungary. Some of the correspondence was written by Mrs. R. Testa, secretary to Charles Eisler.

The alphabetical correspondence, 1941-1969, is arranged alphabetically. It consists of letters documenting such issues as stock in Eisler Engineering Company, personal purchases of Eisler's at the Ivanhoe Lobby Gift Shop by the Sea Hotel, and "Help the Suffering Hungarians" organization (1956-1961). This includes canceled checks from donors, specifically Operation Mercy to assist refugees from Budapest. Additionally, there is correspondence and itemized price lists for food and clothing for Hungarians. Of note is some Raritan Yacht Club (R.Y.C.) of Perth Amboy, New Jersey, materials. There is a R.Y.C. Duffle Bag newsletter, February, 1964. Eisler was a member of R.Y.C.

Family and friends correspondence, 1956-1966, includes letters and postcards from family and friends, mostly in Hungarian. Topics discussed include sending food, clothing, hearing aids, and medicine to Hungarian refugees; Christmas packages; emigration; and U.S. Relief Parcel Service receipts.

Vacation information, 1951, consists of one file folder of documentation of airline tickets, baggage tickets, tour itineraries, receipts from hotels, letterhead from hotels, and itemized lists of purchases for several trips Eisler made. Airlines ephemera represented include Pan American World Airways System; Air France; British Overseas Airways Corp; Trans World Airlines, Inc; and Eastern Airlines.

Financial information, 1960-1967, contains investment securities (certificates) information for Massachusetts Investors Trust; consolidated checking account information; lists of personal donations, personal income, and savings accounts. Eisler's personal donations varied greatly, both in amount and in the type of organization—American Hungarian Studies Foundation at Rutgers, Father Flanagan's Boy's Home; and the Jewish Community Council of Essex County, New Jersey.

Medical Bills and Information, 1963-1967, consists mostly of bills from doctors for services rendered.

Series 2, Business Materials, 1885, 1931-1985, is divided into seven subseries: correspondence, general files, financial information, World War II boards and regulations, real estate holdings and investments, articles, and Kahle Engineering.

Correspondence, 1946-1971, is arranged alphabetically by surname or company name. It contains a variety of issues—real estate, accounting, legal representation, and tenants. Attorneys Kessler and Kessler handled Eisler vs. General Electric Company. There is correspondence about meetings, depositions, and reviewing documents before filing. The tenant information includes assignments and agreements between individual tenants and the landlord, Lesire Corporation, which Eisler owned.

General Files, 1931-1985, contains files arranged alphabetically on a variety of topics.

Financial Information, 1931-1945, is mainly comprised of Treasury Department and Internal Revenue correspondence, and income tax documentation

World War II Boards and Regulations, 1942-1946, contain information about manpower, labor, and production during World War II for the manufacturing industry. The National War Labor Board contains wage rates and audit information for Eisler Engineering. The Manpower Commission established the total manpower allowance for Eisler Engineering and other companies. It set specific quotas for the number of male employees permitted. The War Production Board material includes a plant report of operations. It describes the product being made and categorizes the percentage of "war" versus "civilian" work. The War Department Plant Protection Division contains notes and recommendations for Eisler Engineering Company to implement.

Real Estate Holdings and Investments, 1932-1980, consists mainly of tax and stock returns and income information and cancelled notes for collateral with the Lesire Corporation. The record of real estate, 1952-1974, contains ledger sheets for seven separate properties with the name of the property, improvements if any, and address: Farm Flagtowne, Neshanic, New Jersey; 733 S. 12th Street, Newark, New Jersey; 735-737 S. 12th Street, Newark, New Jersey; 738-758 S. 13th Street, Newark, New Jersey; 16 N. Salem Street, Dover, New Jersey; 269 E. Blackwell Street, Dover, New Jersey; and Lad Construction. The ledger sheets also include a loan record with rents and mortgage receivable information. The Avenue L files document a factory building owned by Eisler in Newark, New Jersey. The files contain correspondence, receipts, and bills for work done on the building in preparation for sale.

Articles, 1885-1962 (not inclusive) includes four articles relating to the topic of electricity.

Kahle Engineering, 1960-1982, contains Dun and Bradstreet analytical reports from 1960 to 1964 and interoffice correspondence with Steven Logothetis, an employee of Kahle Engineering, interoffice memos, credit profiles, notes, mortgage papers, and information sheets for specific properties for purchase at public auction for the period 1979-1982.

Series 3, Employee/Personnel Records, 1940-1988, is divided into ten subseries: personnel files; accident reports; lists of employee names; service years and anniversaries; union (IUE AFL-CIO) agreements; benefits (health and pension); deceased employees; payroll information; electrical license course; Department of Labor; and miscellaneous.

The bulk of this series consists primarily of employee personnel files from the 1940s to 1960s. Arranged alphabetically by surname, the files contain employee record cards, employee applications, in some instances photographs (head shots), tax withholding exemption certificates, medical forms, union dues information, union steward reports detailing grievances and appeals, correspondence, recommendations, unemployment benefit payments, workers compensation, paychecks, and applications for United States citizenship and visa requests. The employee record cards capture the employee name; address; social security number; department; occupation; title; clock number; phone number; race; marital status; date of birth; number of children; starting rate; increases; vacation taken; country of birth; entry into the United States; naturalized and, if so, when and where; former employees and any union grievances. It provides a comprehensive view of the employee composition of the company.

The accident reports, 1958-1988, are arranged chronologically by year and then further arranged alphabetically by employee surname. These accident claim forms used by Eisler Engineering Company are for the New Jersey Manufacturers Casualty Insurance Company of Trenton, New Jersey. Additionally, there are blank State of New Jersey accident forms. There is some correspondence about specific claims and employees. There is one file folder documenting injuries and illness, 1971-1978. It consists of Occupational Safety and Health Administration (OSHA) forms completed by Eisler Engineering. They provide a summary of the types of injuries and illnesses, number of lost work days, number of cases and a supplementary record of occupational injuries.

Lists of employee names, 1957-1977, provides information on employees who left employment, were laid off, owed union dues; years of service to the company, birthdays, addresses, and job descriptions.

Service years and anniversaries, 1955-1970, provides the employee name, when employment began, years of service and if a service pin was awarded.

Union (IUE AFL-CIO) agreements, 1942-1957 contain union contracts and agreements between Eisler Engineering Mutual Employees Association, Inc., and the International Union of Electrical, Radio and Machine Workers (IUE-AFL-CIO).

Benefits (health and pension), 1957-1967, contains information on dental benefits, hospital service plans, Group Health Insurance (GHI) Inc., claim forms for medical care insurance, and the annual report of District 4 IUE, AFL-CIO Welfare Plan for 1957.

Deceased employees, 1946-1951, consists of form letters with the employees name, address, next of kin, date of death, and the amount of unpaid salary due.

Payroll Information, 1940-1973, includes deduction of wages or salary forms for union dues, plans for enrolling in the U.S. Savings Bond program, canceled payroll checks, forms for requesting vacation, and bonus and merit increases for employees.

Electrical License Course, undated, includes homework assignments, tests, and answers to questions, in lessons/courses on: compound generators, DC (direct current) self-excited generators, power, combination circuits, parallel circuits, split phase/resistance-start induction run motors, electricity, and compound motors.

Department of Labor, 1944-1956, contains employment reports and public contracts and minimum wage determinations. There is statistical information on the type of employee (male, female, non-white, and part-time) and a report of current and anticipated employment.

Miscellaneous contains one file folder with an undated Department of Labor and Industry letter about a highly desirable labor pool of technical, skilled, and semi-skilled workers becoming available.

Series 4, Operational Records, 1934-1977, is divided into two subseries: Equipment Quotes, 1960-1977, were prepared by Eisler for clients/companies in the United States and in foreign countries. The quotes include details about the machine requested and its price.

Operating Instructions and Parts Lists, 1934-1940s, are arranged predominately by machine number, but there are some exceptions. The files include drawings and sketches, operating instructions on assembling and disassembling, black and white photographs, charts, and product literature. There are some documents that were not created by the Eisler Engineering Company. These documents include operating instructions and drawings from other companies that Eisler had a working relationship with. The instructions, [1934-1945?], arranged alpha-numerically, are operating instructions for machines manufactured by the Eisler Engineering Company. The instructions are labeled D-1 to D-800. These instructions should be used in conjunction with the other operating instructions for specific machines. For example, instructions D-1 are for Eisler machine No. 00, a coil winding machine

Series 5, Diagrams and Drawings, 1924-1960, is divided into two subseries, wiring diagrams and drawings. The wiring diagrams 1934-1956, are arranged by type and provide instructions and diagrams on how to connect wires for Eisler machines. The drawings, 1924-1960, include blueprints, tracings, sketches and in some instances, specifications for specific machines. The name and number of the machine are listed. Also, the drawings contain factory layouts for companies in the United States and in Leningrad, Russia.

Series 6, Sales Records, 1924-1984, is divided into three subseries: customer sales lists, lamp machinery sales records, and catalogs. The Customer Sales Lists, 1951-1958, and the Lamp Machinery Sales Records, 1929-1958, include detailed information for each machine built and shipped to a client: shop number, job number, type of machine, machine number, customer name, customer order number,

Eisler order number and date shipped, and a serial number if applicable. There are some lists for customer requested machines such as exhaust machines, stem machines, and base filling machines.

The catalogs, 1924-1979, are arranged into two sub-subseries, Eisler catalogs and other companies' catalogs. The catalogs are further arranged chronologically and are bound or consist of loose pages and individual bulletins. They provide information on incandescent lamps, power transmission tubes; neon tube signs; tungsten equipment and wire; burners, torches, fires, gas and air mixers; metal sprayers; bases; furnaces; vacuum flasks; ampules and vials; vacuum pumps; and electric welders.

Index cards for Eisler Engineering Anniversary Catalog 1945, are arranged by machine number and contain the machine name with a description, pricing information, and in some instances a date and annotations. Each card has a page number that correlates to the Anniversary Catalog No. 45-CE, 1945.

Series 7, Litigation and Patent Records, 1897-1953 (bulk 1926-1929), 1949, 1953, consist of briefs (for the defendant, Eisler, and plaintiff, General Electric) and the transcript of record in the case General Electric vs. Charles Eisler and Eisler Engineering Company, 1926-1929. The litigation was heard in the U.S. District Court, Eastern District of New Jersey and U.S. Circuit Court of Appeals, Third District. GE brought suit against Eisler for infringement of two U.S. patents, #1,128,120 for manufacturing glass rods and forming spiders, and # 1,220,836 for a filament support wire inserting machine. Eisler allegedly infringed by manufacturing and selling a hook inserting machine.

There is one file folder of newspaper clippings about anti-trust in lamp manufacturing and specifically conclusions to the Opinion for the case United States of America vs. General Electric Company, 1953. GE, Corning Glass Works, N.V. Philips Gloeilampenfabriken, Consolidated Electric Lamp Company, Hygrade Sylvania Corporation, Chicago Miniature Lamp Works, and Tung-Sol Lamp Works, Inc., were found guilty and in violation of the Sherman Anti-Trust Act. GE, in particular, negotiated agreements through its wholly-owned subsidiary, International General Electric that divided the world lamp markets. This division permitted GE to have the U.S. market exclusively and bar foreign lamp manufacturers. The domestic licensees' growth was limited by GE to a fixed percentage of its own production and expansion so that over the years a licensee's share of the business was diminished. This restrained trade, and competition by GE unlawfully monopolized the incandescent electric lamp business.

A separate case involving Westinghouse Electric and Manufacturing Co. vs. Beacon Lamp Co., Leopold Rossbach, C. L. Shoninger, A.H. Moses, L.E. Whicher and J.T. Hambay from 1896 to 1898 is also documented through the brief for the complainant and a record of the case.

Patents, 1913-1931, are further divided into tube patents, 1924-1931 and tube patents assigned to Raytheon Company, 1913-1929. The patents were assembled by Eisler for reference.

Series 8, Photographs, 1944-1967, is further divided into six subseries: machines by number, CAMS; timers; jigs; transformers and electrodes; welders; welders, tips, jigs and fixtures; and miscellaneous. The series contains 8" x 10" black and white prints. Originally organized in three- ring binders, the photographs are arranged by machine number with further numerical identifiers. For example, Machine No. 103 is a glass lathe machine and No. 103-XL is a vertical glass lathe machine.

CAMS are curved wheels mounted on a rotating shaft and used to produce variable or reciprocating motion in another engaged or contacted part. They are used to produce or machine something. Tips refer to the remnant of the glass tubing through which the lamp was exhausted of its air (as well as filled with inert gases after the invention of the gas-filled lamp in 1912) and jigs are devices for guiding a tool or for holding machine work in place.

The majority of photographs document machinery; few employees are featured.

Photographs for Machine No. 170, can working equipment at vacuum products, features African American workers circa the 1950s and Machine No. 160, an automatic tub bottoming machine features a female

employee. Some of the miscellaneous photographs contain prints of equipment, parts and employees working in the factory.

Series 9, Scrapbooks, 1916-1959, includes three scrapbooks. Many of the articles are in Hungarian or Spanish.

Scrapbook, 1943 (bulk 1945-1955), 1959, contains newspaper articles about Charles Eisler and Eisler Engineering Company. Many articles and advertisements focus on specific machines Eisler manufactured. Articles about Charles Eisler contain information about the associations he belonged to, litigation, awards received, Lesire Corporation, his tenant company; and the appointment of Charles Eisler, Jr., as President of Eisler Engineering Company. Other items include company Christmas cards.

Scrapbook, 1916-1944, 1948, 1957, contains newspaper clippings and catalog pages on machines manufactured by Eisler; personal information about Charles Eisler's trip to Europe; a fire at his summer home; and Christmas decorations. There is documentation on Eisler Engineering Company employees, World War II contributions and production, and photographs of Charles Eisler presenting a donation to the Newark Hungarians and the U.S. Army Ambulance Branch.

Scrapbook, 1924-1959, contains convention programs, Family Circle information, documentation on various social events Eisler attended and machine advertisements.

Arrangement

Collection organized into nine series.

Series 1, Personal Materials, 1910s-1970s

Subseries 1, Passports and Naturalization Certificate, 1910-1970s

Subseries 2, Photographs, 1912

Subseries 3, Chronological Correspondence, 1946-1970

Subseries 4, Alphabetical Correspondence, 1941-1969

Subseries 5, Family and Friends Correspondence, 1956-1966

Subseries 6, Vacation information, 1951

Subseries 7, Financial information, 1960-1967

Subseries 8, Medical Bills and Information, 1963-1967

Series 2, Business Materials, 1885, 1929-1985

Subseries 1, Correspondence, 1946-1971

Subseries 2, General Files, 1929-1985

Subseries 3, Financial Information, 1931-1945

Subseries 4, World War II Boards and Regulations, 1942-1946

Subseries 5, Real Estate Holdings and Investments, 1932-1980

Subseries 6, Articles, 1885-1962 (not inclusive)

Subseries 7, Kahle Engineering, 1960-1982

Series 3, Employee/Personnel Records, 1940-1988

Subseries 1, Personnel Files, 1940s-1960s

Subseries 2, Accident Reports, 1958-1988

Subseries 3, Lists of employee names, 1957-1977, undated

Subseries 4, Service years and anniversaries, 1955-1970

Subseries 5, Union (IUE AFL-CIO) agreements and contracts, 1942-1957, undated

Subseries 6, Benefits (health and pension), 1957-1967, undated

Subseries 7, Deceased employees, 1946-1951

Subseries 8, Payroll Information, 1940-1973

Subseries 9, Electrical License Course, undated

Subseries 10, Department of Labor, 1944-1956

Subseries 11, Miscellaneous, undated

Series 4, Operating Records, 1934-1977

Subseries 1, Equipment Quotes, 1960-1977

Subseries 2, Operating Instructions and Parts Lists, 1934-1940s

Series 5, Diagrams and Drawings, 1924-1963, undated

Subseries 1, Wiring Diagrams, 1934-1956

Subseries 2, Drawings for Machines, 1924-1963

Subseries 3, Drafting Tools, undated

Series 6, Sales Records, 1924-1984

Subseries 1, Customer Sales Lists, 1951-1958

Subseries 2, Lamp Machinery Sales Records, 1929-1958

Subseries 3, Eisler Catalogs, 1924-1979

Subseries 4, Index cards for Eisler Engineering catalogs

Series 7, Litigation and Patents Records, 1897-1953

Subseries 1, Litigation Records, 1897 (bulk 1926-1929), 1949, 1953

Subseries 2, Patents, 1913-1931

Series 8, Photographs, 1942-1967

Subseries 1, By Machine Number, -1966

Subseries 2, CAMS, 1950-1967

Subseries 3, Timers, Jigs, Transformers, and Electrodes, 1952-1960

Subseries 4, Welders, 1944-1952

Subseries 5, Welders, Tips, and Jigs and Fixtures, 1944-1952

Subseries 6, Miscellaneous, 1944-1957

Series 9, Scrapbooks, 1916-1959

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

Cams
Coils -- electric
Electric lamp industry
Electric lamps
Electric lamps, Arc
Electric lighting
Electric transformers
Electrodes
Furnaces
Halogen incandescent lamps
Incandescent lamps
Jigs and fixtures
Laboratory -- Furniture, equipment
Lamps
Litigation
Patents
Tubes
Tubes -- welding
Vacuum pumps
Vacuum-tubes
welding
welding -- Equipment and supplies

Types of Materials:

Blueprints
Correspondence -- 19th-20th century
Photographs -- 20th century
Scrapbooks

Names:

Eisler, Charles, Jr.
General Electric Company
Incandescent Lamp Manufacturer's Association.

Westinghouse Electric & Manufacturing Company

Geographic Names:

Hungary

Newark (N.J.)

Container Listing

Series 1 : Personal Materials, 1944 - 1970

Subseries 1.1: Passports and Naturalization Certificate , 1910-1970s

Box 1, Folder 1A

[Image\(s\)](#)

Subseries 1.2: Photographs, 1912

Box 1, Folder 1B

Subseries 1.3: Chronological Correspondence , 1946 - 1970

Box 1, Folder 1 [Correspondence] , 1946 - 1948, undated
[Image\(s\)](#)

Box 1, Folder 2 [Correspondence] , 1955 - 1959

Box 1, Folder 3 [Correspondence] , 1960

Box 1, Folder 4 [Correspondence] , 1961

Box 1, Folder 5 [Correspondence] , 1962

Box 1, Folder 6 [Correspondence] , 1963

Box 1, Folder 7 [Correspondence] , 1964 - 1965

Box 1, Folder 8 [Correspondence], 1966 - 1967

Box 1, Folder 9 [Correspondence] , 1968 - 1970, undated

Box 1, Folder 10 Charles Eisler (about his boat), 1960 - 1963

Subseries 1.4: Alphabetical Correspondence , 1941 - 1969

Box 1, Folder 11 Engle, Ignac , 1944 - 1946

Box 1, Folder 12 Grunberger, Alexander and Gerle , 1947

Box 1, Folder 13 Hanocho, Weisman, Myers, Stern & Besser (law firm), 1960 - 1965

Box 1, Folder 14 Hanocho, Weisman, Myers, Stern & Besser (law firm), 1966 - 1969

- Box 1, Folder 15 Help Suffering Hungarians , 1956 - 1961
- Box 1, Folder 16 Istvan, Biro , 1946 - 1951
- Box 1, Folder 17 Ivanhoe by the Sea (Lobby Gift Shoppe) , 1956 - 1962
- Box 1, Folder 18 Kadelburger, Joska, 1946
- Box 1, Folder 19 Mapletoft, Robert S. , 1960 - 1965
- Box 1, Folder 20 Mars Travel Bureau, 1957
- Box 1, Folder 20A Pirani, M. , 1957
- Box 1, Folder 21 Public Safety, Department of (for Newark, NJ) , 1941 - 1944, undated
- Box 1, Folder 22 Raritan Yacht Club , 1963 - 1964
- Box 1, Folder 23 Zilahy, Lajos, 1955 - 1962

Subseries 1.5: Family and Friends Correspondence , 1956 - 1966

- Box 1, Folder 24 [Correspondence], 1956 - 1966, undated
- Box 1, Folder 25 [Correspondence], undated

Subseries 1.6: Vacation information , 1951

Box 1, Folder 26

Subseries 1.7: Financial information , 1960 - 1967

Box 1, Folder 27-28 (mixed materials [683243648])

Box 2, Folder 1-2 (mixed materials [683243649])

Subseries 1.8: Medical Bills and Information, 1963 - 1967

Box 2, Folder 3

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Series 2 : Business Materials , 1931 - 1985, 1885**Subseries 2.1: Correspondence , 1946 - 1971**

Box 2, Folder 4	Jordan Baris, Inc. (realty) , 1968
Box 2, Folder 5	Besser and Company , 1961, 1946 - 1947
Box 2, Folder 6	General Electric , 1956 - 1957
Box 2, Folder 7	David T. Houston , 1962 - 1963
Box 2, Folder 8	Charles Jennings , 1960 - 1964
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Box 5, Folder 9	Gray, Moses Charles , [undated]
Box 5, Folder 10	Greenberg, Barbara , [undated]
Box 5, Folder 11	Greenberg, Charlie , [undated]
Box 5, Folder 12	Greubel, William , [undated]
Box 5, Folder 13	Griggs, Blanche , [undated]
Box 5, Folder 14	Grimm, John , [undated]
Box 5, Folder 15	Graf, Betty Jane , [undated]
Box 5, Folder 16	Grossman, M. Paul , [undated]
Box 5, Folder 17	Gross, Irving , [undated]
Box 5, Folder 18	Grubet, Erich , [undated]
Box 5, Folder 19	Gulacsy, Otto , [undated]
Box 5, Folder 20	Gulli, Cammilleo , [undated]
Box 5, Folder 21	Haderer, Robert , [undated]
Box 5, Folder 22	Halligan, John , [undated]
Box 5, Folder 23	Hamilton, Charles , [undated]
Box 5, Folder 24	Hamilton, Thomas , [undated]
Box 5, Folder 25	Hammond, John , [undated]
Box 5, Folder 26	Hampton, Harry , [undated]
Box 5, Folder 27	Handler, Helen , [undated]
Box 5, Folder 28	Harris, Lydia , [undated]
Box 5, Folder 29	Harris, Robert Gene , [undated]

Box 5, Folder 30	Hill, Donald P. , [undated]
Box 5, Folder 31	Harris, Charles F. , [undated]
Box 5, Folder 32	Harrison, Gertrude M. , [undated]
Box 5, Folder 33	Harrison, Leon , [undated]
Box 5, Folder 34	Harvey, McKinley , [undated]
Box 5, Folder 35	Haskell, Willard , [undated]
Box 5, Folder 36	Hawkins, Money , [undated]
Box 5, Folder 37	Hawthorne, Chico , [undated]
Box 5, Folder 38	Heilbroun, Theodore , [undated]
Box 5, Folder 39	Heimall, Christian , [undated]
Box 5, Folder 40	Heinold, Charles , [undated]
Box 5, Folder 41	Henry, James , [undated]
Box 5, Folder 42	Herman, Stephen , [undated]
Box 5, Folder 43	Hermann, Walter , [undated]
Box 5, Folder 44	Herr, Alexander , [undated]
Box 5, Folder 45	Heymach, Elmer , [undated]
Box 5, Folder 46	Heymach, Harold , [undated]
Box 5, Folder 47	Higgins, Patrick , [undated]
Box 5, Folder 48	Hills, Curtis, L. , [undated]
Box 5, Folder 49	Hirsch, Ernst , [undated]
Box 5, Folder 50	Hliwa, Peter, [undated]

Box 5, Folder 51	Hodgson, W. Harry , [undated]
Box 5, Folder 52	Hoferer, Louis , [undated]
Box 5, Folder 53	Hoff, Betty , [undated]
Box 5, Folder 54	Hoffman, George , [undated]
Box 5, Folder 55	Hoffmeister, Anna , [undated]
Box 5, Folder 56	Hoffmesiter, William , [undated]
Box 5, Folder 57	Hollander, Rhoda , [undated]
Box 5, Folder 58	Hood, Joseph , [undated]
Box 5, Folder 59	Hornak, Alverta , [undated]
Box 5, Folder 60	Hornig, Martin , [undated]
Box 5, Folder 61	Horvath, Steve , [undated]
Box 5, Folder 62	Horwarth, Joseph , [undated]
Box 5, Folder 63	Hosonitz, Frank , [undated]
Box 5, Folder 64	Howard, Edgar , [undated]
Box 5, Folder 65	Hrubic, George , [undated]
Box 5, Folder 66	Hrusovsky, John , [undated]
Box 5, Folder 67	Huck, George , [undated]
Box 5, Folder 68	Hudes, Joseph , [undated]
Box 5, Folder 69	Hudson, Bruce , [undated]
Box 5, Folder 70	Hufnagel, Hans H. , [undated]
Box 5, Folder 71	Hughes, Joseph , [undated]
Box 5, Folder 72	Hughes, Ralph , [undated]

Box 5, Folder 73	Hughes, Thomas , [undated]
Box 5, Folder 74	Hultquist, Charles , [undated]
Box 5, Folder 75	Husserl, Leo, [undated]
Box 5, Folder 76	Hutyra, Stanley , [undated]
Box 5, Folder 77	Hvasta, John , [undated]
Box 5, Folder 78	latesta, Michael , [undated]
Box 5, Folder 79	Ingra, Charles , [undated]
Box 5, Folder 80	Ingra, Kenneth , [undated]
Box 5, Folder 81	Istavan, Apati , [undated]
Box 5, Folder 82	Iverson, Norman , [undated]
Box 5, Folder 83	Jackson, Maynard , [undated]
Box 5, Folder 84	Jacob, Kenneth , [undated]
Box 5, Folder 85	Jacobus, Walter G. , [undated]
Box 5, Folder 86	Jacoby, Carl , [undated]
Box 5, Folder 87	Jakobowicz, Arie , [undated]
Box 5, Folder 88	James, Dennis , [undated]
Box 5, Folder 89	James, Harry , [undated]
Box 5, Folder 90	James, Joseph C. , [undated]
Box 5, Folder 91	Januszeski, Frank , [undated]
Box 5, Folder 92	Jaworski, Leocadia , [undated]
Box 5, Folder 93	Jeranek (Hyde), Marie H. , [undated]

Box 5, Folder 94	Jeskin, Louis , [undated]
Box 5, Folder 95	Joel, Charlotte , [undated]
Box 5, Folder 96	Johannsen, Henry L. , [undated]
Box 5, Folder 97	Johnson, Charles , [undated]
Box 5, Folder 98	Johnson, Florence , [undated]
Box 5, Folder 99	Johnson, Simon , [undated]
Box 5, Folder 100	Jonas, Julius, [undated]
Box 5, Folder 101	Jordan, Henry , [undated]
Box 5, Folder 102	Jordan, William , [undated]
Box 5, Folder 103	Joule, William , [undated]
Box 5, Folder 104	Joyner, Nathaniel , [undated]
Box 5, Folder 105	Justin, James , [undated]
Box 5, Folder 106	Kaes, Edward , [undated]
Box 5, Folder 107	Kaplan, Sam , [undated]
Box 5, Folder 108	Kappmeyer, Bernhard , [undated]
Box 5, Folder 109	Karas, Stephan , [undated]
Box 5, Folder 110	Karlson, Charles , [undated]
Box 5, Folder 111	Kaliske, Herbert , [undated]
Box 5, Folder 112	Karch, John , [undated]
Box 5, Folder 113	Karrass, Paul , [undated]
Box 5, Folder 114	Kase, Walter , [undated]
Box 5, Folder 115	Kashak, Samuel , [undated]

Box 5, Folder 116	Kastner, Henry , [undated]
Box 5, Folder 117	Katz, William , [undated]
Box 5, Folder 118	Kaufman, Louis , [undated]
Box 5, Folder 119	Kawalec, Mary , [undated]
Box 5, Folder 120	Kean, Mollie , [undated]
Box 5, Folder 121	Keane, Michael , [undated]
Box 5, Folder 122	Keen, John , [undated]
Box 5, Folder 123	Kehrer, Ernest , [undated]
Box 5, Folder 124	Kelleher, Claire , [undated]
Box 5, Folder 125	Kelley, Audrey, [undated]
Box 5, Folder 126	Kenny, Peter , [undated]
Box 5, Folder 127	Kent, Otto , [undated]
Box 5, Folder 128	Kiefer, Fred , [undated]
Box 5, Folder 129	Kiefer, William , [undated]
Box 5, Folder 130	Kiewisz, Peter , [undated]
Box 5, Folder 131	King, Raymond D. , [undated]
Box 5, Folder 132	Kingdon, Howard , [undated]
Box 5, Folder 133	Kirajenko, Iwan , [undated]
Box 5, Folder 134	Kirchner, Margaret , [undated]
Box 5, Folder 135	Kirklewski, Otto , [undated]
Box 5, Folder 136	Kiseleski, Joseph , [undated]

Box 5, Folder 137	Kiselyk, John , [undated]
Box 5, Folder 138	Kiselyk, Katherine , [undated]
Box 5, Folder 139	Kiss, Ernest , [undated]
Box 5, Folder 140	Kissell, Robert Edward , [undated]
Box 5, Folder 141	Kizer, Donald , [undated]
Box 5, Folder 142	Klein, Alex , [undated]
Box 5, Folder 143	Klein, Margaret , [undated]
Box 5, Folder 144	Klein, Rudolph , [undated]
Box 5, Folder 145	Klem, Walter , [undated]
Box 5, Folder 146	Klipphahn, Fred , [undated]
Box 5, Folder 147	Klotz, Charles Fred , [undated]
Box 5, Folder 148	Kocherha, Andrew , [undated]
Box 5, Folder 149	Kohke, Francis E. , [undated]
Box 5, Folder 150	Kolber, Samuel, [undated]
Box 5, Folder 151	Konz, Louis , [undated]
Box 5, Folder 152	Kopcuick, Joan , [undated]
Box 5, Folder 153	Kopson, Stephen , [undated]
Box 5, Folder 154	Koschel, John , [undated]
Box 5, Folder 155	Kotchkowski, Theodore , [undated]
Box 5, Folder 156	Kovacs, Steve , [undated]
Box 5, Folder 157	Kowalezuk, Josephine , [undated]
Box 5, Folder 158	Kowalski, Jane , [undated]

Box 5, Folder 159	Kowalski, Sigmund , [undated]
Box 5, Folder 160	Koza, Peter , [undated]
Box 5, Folder 161	Kozak, Lillian , [undated]
Box 5, Folder 162	Kozickie, Mary , [undated]
Box 5, Folder 163	Kraemer, Harold , [undated]
Box 5, Folder 164	Kramer, Otto , [undated]
Box 5, Folder 165	Kratochwill, Joseph , [undated]
Box 5, Folder 166	Kreinberg, Janet , [undated]
Box 5, Folder 167	Kulpa, Henry , [undated]
Box 5, Folder 168	Kurilla, Stephen , [undated]
Box 5, Folder 169	Kurzinski, Anna , [undated]
Box 5, Folder 170	Kutalik, Leslie , [undated]
Box 5, Folder 171	Kruk, John , [undated]
Box 5, Folder 172	Krutak, Charlie , [undated]
Box 5, Folder 173	Krynitsky, Stephen , [undated]
Box 5, Folder 174	Lachotzky, Manfred , [undated]
Box 5, Folder 175	Lackey, Harry , [undated]
Box 5, Folder 176	Lahey, Charles , [undated]
Box 5, Folder 177	Lair, William , [undated]
Box 5, Folder 178	La Luna, Caesar , [undated]
Box 5, Folder 179	Lancaster, Robert , [undated]

Box 5, Folder 180	Lange, John , [undated]
Box 5, Folder 181	Lantos, Barbara , [undated]
Box 5, Folder 182	Lastella, Carmine , [undated]
Box 5, Folder 183	Laszczik, Elemer , [undated]
Box 5, Folder 184	Laub, Julius , [undated]
Box 5, Folder 185	Lavery, Rose Theresa , [undated]
Box 5, Folder 186	Lawrence, George , [undated]
Box 5, Folder 187	Lawrowycz, Roman , [undated]
Box 5, Folder 188	Lazeration, George , [undated]
Box 5, Folder 189	Leanza, Fred , [undated]
Box 5, Folder 190	Leclercq, Gilbert , [undated]
Box 5, Folder 191	Leff, Cynthia , [undated]
Box 5, Folder 192	Lehman, Gus , [undated]
Box 5, Folder 193	Lehman, Gustav , [undated]
Box 5, Folder 194	Le Moine, Leon , [undated]
Box 5, Folder 195	Lerner, Benjamin , [undated]
Box 5, Folder 196	Levin, George , [undated]
Box 5, Folder 197	Le Vorse, Angelo , [undated]
Box 5, Folder 198	Levy, Hans , [undated]
Box 5, Folder 199	Lewis, Marion , [undated]
Box 5, Folder 200	Lewis, Thomas, [undated]
Box 5, Folder 201	Librizzi, Frank , [undated]

Box 5, Folder 202	Librizzi, Joseph , [undated]
Box 5, Folder 203	Linder, Dorothy , [undated]
Box 5, Folder 204	Lion, Alexander , [undated]
Box 5, Folder 205	Lipschutz, Ruth , [undated]
Box 5, Folder 206	Litvack, Morton, [undated]
Box 6, Folder 1	Londono, Gustavo , [undated]
Box 6, Folder 2	Lorence, George , [undated]
Box 6, Folder 3	Ludwig, William John , [undated]
Box 6, Folder 4	Luke, Henry , [undated]
Box 6, Folder 5	Lustig, Alfred , [undated]
Box 6, Folder 6	Lustig, Fritz , [undated]
Box 6, Folder 7	Lutchko, John , [undated]
Box 6, Folder 8	Lutz, William , [undated]
Box 6, Folder 9	McAllister, Thomas , [undated]
Box 6, Folder 10	McBurney, Viola , [undated]
Box 6, Folder 11	McCann, William` , [undated]
Box 6, Folder 12	McClenton, Wiley , [undated]
Box 6, Folder 13	McConnell, Christopher , [undated]
Box 6, Folder 14	McCoy, Joseph , [undated]
Box 6, Folder 15	McCraw, Henry , [undated]
Box 6, Folder 16	McDevitt, A. Thomas , [undated]

Box 6, Folder 17	McDonald, William , [undated]
Box 6, Folder 18	McDougall, Albert , [undated]
Box 6, Folder 19	McGuinness, Raymond , [undated]
Box 6, Folder 20	McIlvride, Jean , [undated]
Box 6, Folder 21	McKenzie, Malcolm , [undated]
Box 6, Folder 22	McKenzie, Walter , [undated]
Box 6, Folder 23	McKiernan, Robert , [undated]
Box 6, Folder 24	McKinney, Edward , [undated]
Box 6, Folder 25	McKinnley, Manuel, [undated]
Box 6, Folder 26	McLain, Milton , [undated]
Box 6, Folder 27	McLaughlin, Elizabeth , [undated]
Box 6, Folder 28	McLeish, Olaf , [undated]
Box 6, Folder 29	McMahon, H. John , [undated]
Box 6, Folder 30	McMillian, Charles , [undated]
Box 6, Folder 31	Macaluso, Sam , [undated]
Box 6, Folder 32	Macauley, Elwood , [undated]
Box 6, Folder 33	MacDonald, Robert , [undated]
Box 6, Folder 34	MacPhee, Allan , [undated]
Box 6, Folder 35	Magnotta, Leo , [undated]
Box 6, Folder 36	Magnuson, Anne , [undated]
Box 6, Folder 37	Maher, Edward J. , [undated]
Box 6, Folder 38	Maier, Kurt , [undated]

Box 6, Folder 39	Majores, John , [undated]
Box 6, Folder 40	Majors, John , [undated]
Box 6, Folder 41	Malango, Gerardo , [undated]
Box 6, Folder 42	Malarek, Michael , [undated]
Box 6, Folder 43	Malinoff, John , [undated]
Box 6, Folder 44	Maltz, Leo , [undated]
Box 6, Folder 45	Mancuso, Frank , [undated]
Box 6, Folder 46	Mandall, Raymond , [undated]
Box 6, Folder 47	Mandy, Charles , [undated]
Box 6, Folder 48	Mangerio, Arthur , [undated]
Box 6, Folder 49	Mangino, Michael , [undated]
Box 6, Folder 50	Manian, William, [undated]
Box 6, Folder 51	Mankiewicz, Anthony , [undated]
Box 6, Folder 52	Mankiewicz, John , [undated]
Box 6, Folder 53	Marcantonio, Joseph , [undated]
Box 6, Folder 54	Marcus, Alvin , [undated]
Box 6, Folder 55	Margolis, Albert , [undated]
Box 6, Folder 56	Marhoffer, Steve , [undated]
Box 6, Folder 57	Marrus, Beatrice , [undated]
Box 6, Folder 58	Marschner, Albert , [undated]
Box 6, Folder 59	Martell, Raymond , [undated]

Box 6, Folder 60	Martin, William , [undated]
Box 6, Folder 61	Marquis, Bertha , [undated]
Box 6, Folder 62	Masi, Jerry , [undated]
Box 6, Folder 63	Masi, Carmella , [undated]
Box 6, Folder 64	Masino, Gail , [undated]
Box 6, Folder 65	Mason, Frank , [undated]
Box 6, Folder 66	Matthews, William , [undated]
Box 6, Folder 67	Matus, Rose Marie , [undated]
Box 6, Folder 68	Mauriello, George , [undated]
Box 6, Folder 69	Maxwell, Earl , [undated]
Box 6, Folder 70	May, Edward , [undated]
Box 6, Folder 71	May, Lenwood , [undated]
Box 6, Folder 72	Mayer, Gustave , [undated]
Box 6, Folder 73	Mazur, Wasył , [undated]
Box 6, Folder 74	Medey, Steven , [undated]
Box 6, Folder 75	Mehl, Charles, [undated]
Box 6, Folder 76	Mendelsohn, Grace , [undated]
Box 6, Folder 77	Mercado, Rafael , [undated]
Box 6, Folder 78	Merentino, Philip , [undated]
Box 6, Folder 79	Mesics, Stephen , [undated]
Box 6, Folder 80	Meyer, Edward , [undated]
Box 6, Folder 81	Meyer, Fred , [undated]

Box 6, Folder 82	Mieszowski, Stella , [undated]
Box 6, Folder 83	Migton, Mary , [undated]
Box 6, Folder 84	Mladenovic, Miljenko "Michael" , [undated]
Box 6, Folder 85	Milak, Joseph , [undated]
Box 6, Folder 86	Miller, Irene , [undated]
Box 6, Folder 87	Miller, Irving , [undated]
Box 6, Folder 88	Miller, Philip , [undated]
Box 6, Folder 89	Milligan, Archibald , [undated]
Box 6, Folder 90	Minarchin, Michael , [undated]
Box 6, Folder 91	Miserendino, Josephine , [undated]
Box 6, Folder 92	Misewich, Adolph , [undated]
Box 6, Folder 93	Mitchell, William (Laborer) , [undated]
Box 6, Folder 94	Mitchell, William (Maintenance Dept./Laborer) , [undated]
Box 6, Folder 95	Molinaro, Thomas , [undated]
Box 6, Folder 96	Molnar, Steve , [undated]
Box 6, Folder 97	Montanino, Anthony , [undated]
Box 6, Folder 98	Montgomery, Paul , [undated]
Box 6, Folder 99	Monticciolo, Joseph , [undated]
Box 6, Folder 100	Moody, James Davis, [undated]
Box 6, Folder 101	Moody, James , [undated]
Box 6, Folder 102	Mooney, Catherine , [undated]

Box 6, Folder 103	Moravek, John , [undated]
Box 6, Folder 104	Moravek, Stella , [undated]
Box 6, Folder 105	Morgan, Charles , [undated]
Box 6, Folder 106	Morgan, Jean , [undated]
Box 6, Folder 107	Morick, Joseph A. , [undated]
Box 6, Folder 108	Moritz, Charles , [undated]
Box 6, Folder 109	Morrison, Victor , [undated]
Box 6, Folder 110	Mosely, Daniel , [undated]
Box 6, Folder 111	Mount, Julius , [undated]
Box 6, Folder 112	Mrozek, Paul , [undated]
Box 6, Folder 113	Mueller, Dorothy , [undated]
Box 6, Folder 114	Muller, Jeanne , [undated]
Box 6, Folder 115	Muller, Robert , [undated]
Box 6, Folder 116	Muncy, Florence , [undated]
Box 6, Folder 117	Murphy, Catherine , [undated]
Box 6, Folder 118	Murphy, Haywood , [undated]
Box 6, Folder 119	Murphy, James D. , [undated]
Box 6, Folder 120	Murray, John , [undated]
Box 6, Folder 121	Muzyka, Sue , [undated]
Box 6, Folder 122	Myers, Kay , [undated]
Box 6, Folder 123	Mysynski, Chester , [undated]
Box 6, Folder 124	Mysko, John , [undated]

Box 6, Folder 125	Nagel, Hans, [undated]
Box 6, Folder 126	Nagy, Stephen , [undated]
Box 6, Folder 127	Napier, James , [undated]
Box 6, Folder 128	Naschak, John, Sr. , [undated]
Box 6, Folder 129	Nasimento, Vincente , [undated]
Box 6, Folder 130	Nauyoks, Frederick , [undated]
Box 6, Folder 131	Nawotnick, William , [undated]
Box 6, Folder 132	Neiman, Ruth Ray , [undated]
Box 6, Folder 133	Nerod, Charles , [undated]
Box 6, Folder 134	Neuhauser, George , [undated]
Box 6, Folder 135	Neumann, Reinhold , [undated]
Box 6, Folder 136	Neuweiller, Ella , [undated]
Box 6, Folder 137	Newton, Alvin , [undated]
Box 6, Folder 138	Nichols, J. William , [undated]
Box 6, Folder 139	Nilon, William , [undated]
Box 6, Folder 140	Niranjan, Patel , [undated]
Box 6, Folder 141	Nitkin, Paul , [undated]
Box 6, Folder 142	Nolan, Michael J. , [undated]
Box 6, Folder 143	Nold, Emmy , [undated]
Box 6, Folder 144	Norman, Cecil A. , [undated]
Box 6, Folder 145	Notte, John , [undated]

Box 6, Folder 146	Novak, Leon , [undated]
Box 6, Folder 147	Novick, Constantine , [undated]
Box 6, Folder 148	Nowowiejski, Helen , [undated]
Box 6, Folder 149	Noyce, Raymond , [undated]
Box 6, Folder 150	Nowak, Stephan, [undated]
Box 6, Folder 151	Oaklander, Judith , [undated]
Box 6, Folder 152	O'Brien, Anne , [undated]
Box 6, Folder 153	O'Donnell, Thomas , [undated]
Box 6, Folder 154	Oehling, C. Richard , [undated]
Box 6, Folder 155	Ofsak, Serafin , [undated]
Box 6, Folder 156	Ohlmann, Arthur , [undated]
Box 6, Folder 157	Olejar, John , [undated]
Box 6, Folder 158	O'Rourke, Joseph , [undated]
Box 6, Folder 159	Orto, Frank , [undated]
Box 6, Folder 160	Osborne, Helen , [undated]
Box 6, Folder 161	Othman, Lobl , [undated]
Box 6, Folder 162	Ott, Louis , [undated]
Box 6, Folder 163	Pace, Thomas , [undated]
Box 6, Folder 164	Page, Anna , [undated]
Box 6, Folder 165	Pajak, Witold , [undated]
Box 6, Folder 166	Panas, Walter , [undated]
Box 6, Folder 167	Paolella, Concetta , [undated]

Box 6, Folder 168	Pap, Saverio , [undated]
Box 6, Folder 169	Pappageorge, James , [undated]
Box 6, Folder 170	Paprcka, A. Richard , [undated]
Box 6, Folder 171	Parisi, Josephine , [undated]
Box 6, Folder 172	Parker, Charles , [undated]
Box 6, Folder 173	Parillo, Geraldine , [undated]
Box 6, Folder 174	Pugsley, Donald , [undated]
Box 6, Folder 175	Partington, Thomas , [undated]
Box 6, Folder 176	Paul, Barbara Wolf, [undated]
Box 7, Folder 1	Peake, Frank , [undated]
Box 7, Folder 2	Pearson, John , [undated]
Box 7, Folder 3	Pearman, Lynden , [undated]
Box 7, Folder 4	Pearson, Eugene , [undated]
Box 7, Folder 5	Pek, George , [undated]
Box 7, Folder 6	Pekershy, Mark, [undated]
Box 7, Folder 7	Pelaia, Louis , [undated]
Box 7, Folder 8	Pennucci, Evelyan , [undated]
Box 7, Folder 9	Perfetto, Caroline , [undated]
Box 7, Folder 10	Perrone, John , [undated]
Box 7, Folder 11	Person, E. , [undated]
Box 7, Folder 12	Petsch, Harry , [undated]

Box 7, Folder 13	Pfister, Clarence , [undated]
Box 7, Folder 14	Philhower, Margaret , [undated]
Box 7, Folder 15	Phillips, Eugene , [undated]
Box 7, Folder 16	Phipps, Ernest , [undated]
Box 7, Folder 17	Phipps, Solomon , [undated]
Box 7, Folder 18	Picton, Herbert , [undated]
Box 7, Folder 19	Piech, J. Henry , [undated]
Box 7, Folder 20	Pierce, Chester Gene , [undated]
Box 7, Folder 21	Pieskie, Robert , [undated]
Box 7, Folder 22	Pino, Salvatore , [undated]
Box 7, Folder 23	Pitak, Alfons , [undated]
Box 7, Folder 24	Pizzinso, Salvatore , [undated]
Box 7, Folder 25	Plaia, Joan, [undated]
Box 7, Folder 26	Plavka, John , [undated]
Box 7, Folder 27	Podlas, Joseph , [undated]
Box 7, Folder 28	Pollock, Ralph , [undated]
Box 7, Folder 29	Ponty, Steve , [undated]
Box 7, Folder 30	Popperak, John , [undated]
Box 7, Folder 31	Popiolek, Kazimierz , [undated]
Box 7, Folder 32	Pouncey, William , [undated]
Box 7, Folder 33	Popper, Max , [undated]
Box 7, Folder 34	Porter, Hugh , [undated]

Box 7, Folder 35	Posmitniy, Alex , [undated]
Box 7, Folder 36	Potters, Milton , [undated]
Box 7, Folder 37	Povazsay, Gera , [undated]
Box 7, Folder 38	Praino, Thomas , [undated]
Box 7, Folder 39	Pribelsky, Loszlo , [undated]
Box 7, Folder 40	Price, Chester , [undated]
Box 7, Folder 41	Prokschyc, Wasili , [undated]
Box 7, Folder 42	Prosuk, Mary , [undated]
Box 7, Folder 43	Przedpelski, George , [undated]
Box 7, Folder 44	Przedpelski, John , [undated]
Box 7, Folder 45	Psalidas, Dimitroes , [undated]
Box 7, Folder 46	Pstrangoski, Bruno , [undated]
Box 7, Folder 47	Puglisse, Thomas Paul , [undated]
Box 7, Folder 48	Purzynski, Helen , [undated]
Box 7, Folder 49	Puszko, John A. , [undated]
Box 7, Folder 50	Quinn, Joseph, [undated]
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Box 23, Folder 22	No. 96-GB, Band Saw Butt Welder , [undated]
Box 23, Folder 23	No. 97-2 and 4, Grid Winding Machine , [undated]
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Box 23, Folder 25	No. 97-UNI, 97SAW, Hand Grid Winder , [undated]
Box 23, Folder 26	No. 97-SA, Hand Operated Grid Winder , [undated]
Box 23, Folder 27	No. 97-2L, Automatic Grid Winder , [undated]
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