

Manufacturing Category
Steel Products Engineering Collection (SPECO)
Box 1

1. Article of Incorporation/Amendments 1916-1938
2. Code of Regulations and By-Laws, Aug. 1955 / List of Bonds, Feb. 1955
3. History of the Steel Products Engineering Company – 1908-1940
4. A Bit of History – Fern I. Bauer – 1975
5. An Introduction to SPECO Corporation – 1994-95
6. 1992 Looking Back at SPECO
7. History of Kelsey-Hayes Company
8. SPECO Corporation Background
9. “High Standard of Quality” Award – 1967
10. An Introduction to SPECO Corporation – 1995
11. Kelsey-Hayes 75th Anniversary
12. Gem City Machine Company
13. SPECO Division – Kelsey-Hayes Company
14. SPECO Corporation – Company Profile
15. Aircraft License (Renewal)
16. Instructions Relative to Annual Meeting
17. Record of Proceedings 1916-1918
18. Board of Directors 1919-1925
19. Record of Proceedings – The Steel Products Eng. Co. – Jan. 1925 – Dec. 1937
20. Board of Directors – 1938
21. Board of Directors – 1939
22. Board of Directors – 1940-1941
23. Board of Directors – 1942-1943
24. Board of Directors – 1944-1946
25. Board of Directors – 1947-1949
26. Board of Directors – 1950-1952
27. Board of Directors – 1953
28. Board of Directors – 1954-1955
29. Board of Directors 1949-1952 Additional Papers / Annual Reports 1950-1951
30. Annual Meeting – March 1953
31. Stock Subscription 1916-1923
32. Auditors’ Reports, Stock Ownership, 1935 & 1939 / Prospectus, April 1939
33. Shareholder Lists of July 28, 1939
34. Shareholder List 2/13/40
35. Shareholder List 2/14/41
36. Shareholder List 2/14/42
37. Shareholder List 2/15/55
38. Proxies

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Box 2

1. SPECO Book of Certificates
2. SPECO Book of Shares 1
3. SPECO Book of Shares 2
4. Specimen Stock Certificate
5. Stock Certificate A1-A64 12/31/38-4/28/39
6. Stock Certificates A66 and Subs Not Issued
7. Stock Certificates B1-B54 8/21/35 – 12/27/38
8. Stock Certificates Schwitzer-Cummins Co, May 14, 1936
9. Stock Certificates May 8, 1939 – May 28, 1945
10. Stock Certificates May 14, 1946 – June 15, 1948
11. Stock Certificates Sept 24, 1948 – Jan 19, 1951
12. Stock Certificates Feb 21, 1951 – March 30, 1953

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**Manufacturing Category
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Box 3**

1. Stock Certificates 05/08/39–05/11/39 (C1 – C100)
2. Stock Certificates 05/11/39-05/15/39 (C101-C200)
3. Stock Certificates 05/15/39-06/06/39 (C203-C300)
4. Stock Certificates 05/20/39-06/05/39 (C301-C399)
5. Stock Certificates 06/05/39-06/08/39 (C401-C498)
6. Stock Certificates 06/08/39-06/14/39 (C501-C600)
7. Stock Certificates 06/14/39-06/15/39 (C601-C700)
8. Stock Certificates 06/15/39-06/17/39 (C701-C800)
9. Stock Certificates 06/17/39-07/06/39 (C801-C900)
10. Stock Certificates 07/06/39-07/14/39 (C901-C1000)
11. Stock Certificates 07/14/39-07/18/39 (C1001-C1100)
12. Stock Certificates 07/18/39-08/24/39 (C1101-C1200)
13. Stock Certificates 08/24/39-09/15/39 (C1201-C1300)
14. Stock Certificates 09/15/39-10/24/39 (C1301-C1400)

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Box 4**

1. Stock Certificates 10/24/39-12/11/39 (C1401-C1500)
2. Stock Certificates 12/11/39-02/15/40 (C1501-C1600)
3. Stock Certificates 02/15/40-04/05/40 (C1601-C1700)
4. Stock Certificates 04/08/40-06/15/40 (C1702-C1798)
5. Stock Certificates 06/19/40-09/26/40 (C1802-C1900)
6. Stock Certificates 09/26/40-01/21/41 (C1901-C2000)
7. Stock Certificates 01/29/41-06/20/41 (C2002-C2100)
8. Stock Certificates 06/24/41-12/02/41 (C2103-C2200)
9. Stock Certificates 12/11/41-03/16/42 (C2204-C2280)
10. Stock Certificates 08/05/42-11/17/42 (C2332-C2392)
11. Stock Certificates 12/05/42-04/07/43 (C2403-C2498)
12. Stock Certificates 04/14/43-06/11/43 (C2508-C2559)
13. Stock Certificates 08/10/43-01/08/44 (C2624-C2689)
14. Stock Certificates 01/27/44-03/28/44 (C2702-C2793)
15. Stock Certificates 04/03/44-05/01/44 (C2804-C2893)
16. Stock Certificates 05/06/44-07/26/44 (C2904-C3000)
17. Stock Certificates 07/26/44-09/15/44 (C3001-C3100)
18. Stock Certificates 09/15/44-12/15/44 (C3101-C3200)
19. Stock Certificates 12/18/44-02/07/45 (C3201-C3300)
20. Stock Certificates 02/17/45-03/22/45 (C3301-C3400)
21. Stock Certificates 03/22/45-05/26/45 (C3401-C3500)
22. Stock Certificates 05/26/45-08/14/45 (C3501-C3600)
23. Stock Certificates 08/21/45-11/05/45 (C3601-C3700)
24. Stock Certificates 11/14/45-01/15/46 (C3701-C3800)
25. Stock Certificates 01/17/46-03/15/46 (C3802-C3900)

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Box 5**

1. Stock Certificates 05/08/39-05/09/39 (CO1-CO100)
2. Stock Certificates 05/09/39 (CO101-CO200)
3. Stock Certificates 05/09/39-05/12/39 (CO201-CO300)
4. Stock Certificates 05/12/39-05/15/39 (CO301-CO400)
5. Stock Certificates 05/15/39-05/24/39 (CO401-CO499)
6. Stock Certificates 05/24/39-06/07/39 (CO501-CO600)
7. Stock Certificates 06/07/39-06/12/39 (CO601-CO699)
8. Stock Certificates 06/12/39-06/15/39 (CO701-CO800)
9. Stock Certificates 06/15/39-06/22/39 (CO801-CO900)
10. Stock Certificates 06/27/39-07/06/39 (CO901-CO1000)
11. Stock Certificates 07/06/39-07/14/39 (CO1001-CO1100)
12. Stock Certificates 07/14/39-07/31/39 (CO1101-CO1200)
13. Stock Certificates 08/02/39-09/08/39 (CO1202-CO1300)
14. Stock Certificates 09/08/39-09/15/39 (CO1302-CO1399)
15. Stock Certificates 09/15/39-09/30/39 (CO1406-CO1590)

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Box 6**

1. Stock Certificates 10/02/39-11/01/39 (CO1614-CO2000)
2. Stock Certificates 11/02/39-12/15/39 (CO2008-CO2472)
3. Stock Certificates 12/20/39-03/05/40 (CO2507-CO3000)
4. Stock Certificates 03/06/40-04/08/40 (CO3009-CO3500)
5. Stock Certificates 04/08/40-05/03/40 (CO3501-CO3749)
6. Stock Certificates 05/03/40-06/08/40 (CO3754-CO4000)
7. Stock Certificates 06/08/40-06/21/40 (CO4001-CO4135)
8. Stock Certificates 06/22/40-07/26/40 (CO4137-CO4300)
9. Stock Certificates 07/26/40-09/06/40 (CO4301-CO4409)
10. Stock Certificates 09/07/40-10/04/40 (CO4410-CO4600)
11. Stock Certificates 10/04/40-11/26/40 (CO4601-CO4799)
12. Stock Certificates 11/26/40-01/13/41 (CO4801-CO5000)

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Box 7**

1. Stock Certificates 01/13/41-02/24/41 (CO5002-CO5100)
2. Stock Certificates 02/25/41-03/28/41 (CO5101-CO5200)
3. Stock Certificates 03/25/41-05/14/41 (CO5201-CO5300)
4. Stock Certificates 05/14/41-06/16/41 (CO5301-CO5400)
5. Stock Certificates 06/16/41-07/11/41 (CO5401-CO5498)
6. Stock Certificates 07/12/41-07/30/41 (CO5501-CO5600)
7. Stock Certificates 07/31/41-09/23/41 (CO5601-CO5700)
8. Stock Certificates 09/23/41-11/01/41 (CO5701-CO5798)
9. Stock Certificates 11/03/41-12/03/41 (CO5801-CO5900)
10. Stock Certificates 12/05/41-01/07/42 (CO5901-CO6000)
11. Stock Certificates 01/07/42-02/16/42 (CO6001-CO6100)
12. Stock Certificates 02/16/42-03/26/42 (CO6101-CO6200)
13. Stock Certificates 03/27/42-10/13/42 (CO6203-CO6570)
14. Stock Certificates 10/14/42-01/26/43 (CO6577-CO6784)
15. Stock Certificates 01/26/43-05/17/43 (CO6785-CO6998)
16. Stock Certificates 05/20/43-08/10/43 (CO7001-CO7133)

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Box 8**

1. Stock Certificates 08/10/43-12/07/43 (CO7134-CO7324)
2. Stock Certificates 12/07/43-03/16/44 (CO7325-CO7496)
3. Stock Certificates 03/16/44-09/14/44 (CO7497-CO7991)
4. Stock Certificates 09/23/44-03/29/45 (CO8010-CO8499)
5. Stock Certificates 03/29/45-06/04/45 (CO8500-CO8651)
6. Stock Certificates 06/04/45-09/24/45 (CO8653-CO8846)
7. Stock Certificates 09/24/45-11/13/45 (CO8848-CO9000)
8. Stock Certificates 11/14/45-01/24/46 (CO9002-CO9196)
9. Stock Certificates 01/24/46-05/31/47 (CO9197-CO9896)
10. Stock Certificates 12/15/47-06/09/52 (CO10098-CO11999)
11. Stock Certificates 06/09/52-03/20/53 (CO12001-CO12255)

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1. Correspondence with Northern Trust Co. re. Stock Dividends
2. Agreements with Lagonda Nat'l Bank – March 15, 1946
3. Commercial Credit Agreements - Walter F. Heller Co. 1936-37/
Commercial Credit Co. 1938-46
4. Notes: 1951-54 – Lagonda Bank Northern Trust Co.
5. Bank Correspondence Re “V” Loans – First Nat'l Bank, Cincinnati – City
Engineering Co., Dayton – Northern Trust Company, Chicago – SPECO – Nat'l City
Bank, Cleveland – SPECO
6. Agreement with Ohio Edison to increase in Transmission Voltage from 6900 v. to
12,500
7. Ohio Edison Contract for Electric Service – Dec. 1928
8. Miscellaneous Contracts 1932, 1933, 1936
9. Correspondence and Release Suit By Al J. Glenn v. SPECO - Omaha, Nebraska 2/45
10. Cancelled Mortgage Deeds – 1860-1931
11. Abstract of Title and Extension – 1930 and 1939
12. Resolution and Property Transfer – Mast Foos to SPECO
13. Deeds/Correspondence re. Combustioneer Property, Chicago & Niles, IL
14. Deeds/Correspondence – W. Columbia Property 1926, 1953-54
15. Thompson Ave. Property Description 1939
16. Cover Letters from Kenneth L. Rush for deeds transferred to SPECO 1953 and 1955
17. Leases and Related Correspondence – 2 Rental Properties, 1944-45, Gertrude S.
Taylor, Kissell Company
18. Lease and Extensions, Kobelanz Rd. 1926-33, Agreement with Spfld Light Heat and
Power Co., 1923, Engine Test Facility
19. Vacating Dakota Ave., 1940
20. Misc. Contracts and Correspondence, 1917-1941
21. Contracts, 1927 Plant Addition
22. Billings for 1935 Construction
23. Plant Expansion/Maintenance Contracts 1935-1938
24. Construction and Maintenance Contracts 1939-1941
25. Misc. Purchase Contracts and Agreements 1929-1941
26. Plant No. 1 – Deeds, Leases, Other Documents – Aug. 24, 1955
27. Plant No. 2 – Deeds, Leases, Other Documents – Aug. 24, 1955
28. Test Laboratory Deeds, Leases, Other Documents / Misc. Deeds, Leases, Other
Documents – Aug. 24, 1955
29. Agreement and Assignment – Combustioneer to SPECO – May 1936
30. Guaranty Agreement and Assignment – Combustioneer to SPECO – April 1936
31. Illinois Personal Property Tax Returns 1943-1949
32. Illinois Personal Property Tax Returns 1950-1954
33. Illinois Personal Property Tax Returns 1936-1938
34. Illinois Personal Property Tax Returns 1939-1942
35. IRS Forms 1096 – 1929-1935

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36. Capital Stock Tax Returns – 1933-1935
37. Combustioneer Tax Returns 1933-35 (Springfield, OH)
38. Combustioneer Compensation – 1932, 1934, 1936
39. Correspondence/Agreements/Bankruptcy – Mayberry Engineering Corp., Vancouver, B.C. - 1935-1952

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1. Combustioneer (Chicago) Annual Reports 1936-44, 46-54, Leases 1938-48, Report of Issuance of Shares 1938, Bldg. Layout, 1601-03 Michigan Ave.
2. Combustioneer: Organization, 1928, Amendments, Proxies, Meetings, 1936
3. Corporate Records – Combustioneer, Inc. 1928-29
4. Corporate Records – Combustioneer, Inc. 1930
5. Corporate Records – Combustioneer, Inc. 1931
6. Corporate Records – Combustioneer, Inc. 1932
7. Corporate Records – Combustioneer, Inc. 1933
8. Corporate Records – Combustioneer, Inc. 1934
9. Corporate Records – Combustioneer, Inc. 1935
10. Combustioneer: Issuance of Stock 1929, 1931
11. Combustioneer Stock Certificates \$100 Nos. 1-50, Issued Feb 1928 – Apr 1929
12. Combustioneer Stock Certificates \$100 Nos. 51-100 Issued 6/29-8/35, Nos. 101-150 Not Issued
13. Combustioneer Stock Certificates, No Par, Nos. 1-49, Issued 4/32-10/35, Nos. 50-100 Not Issued, Correspondence re. Exchange of Shares
14. Balance Sheet Kelsey-Hayes Wheel Co. – May 31, 1955
15. Audit and Balance Sheet – June 30, 1955
16. Machine Tool Equipment (Ownership) – August 24, 1955
17. Preliminaries to August 24, 1955 Letter of Agreement
18. Agreement & Plan of Reorganization – 8/25/55 – Notice of Closing 10/28/55 (Closed on 11/04/55)
19. Correspondence, SEC and Commissioner of IRS Resale, Sept. 1955
20. Agreement and Plan of Reorganization, Sale of Steel Products to Kelsey-Hayes, Correspondence and Minutes, Special Meeting of Stock Holders
21. Contracts, Commitments, Letters of Intent, Aug. 24, 1955
22. List: Patents, Trademarks, Copyrights, License Agreements, Sales Agreements 8/24/55
23. Military Programs at SPECO Division
24. Product Designs 1916-1967+

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Box 11

1. Averbeck Shaper Correspondence and Patents, 1911-1920
2. Sales Agreement with Gee-Dalton Co. re. Brehm Trim Dies 1947
3. License Agreements Trim Dies
4. Correspondence re. Tank Car Valve, 1928
5. Agreement with Dayton Stoker Co. 1929
6. Contract for "Continuous Sheeting and Lapping Machine" with Loose-Wiles Biscuit Co. 1936
7. Contract for Rotary Printing Presser, 1931
8. Contract and Bond – 1938
9. License Agreement with The Timken-Detroit Axle Co., 1949
10. Purchase Agreement w/ Donald G. Jensen, 1937
11. Agreement with Charles M. Brehm, 20 Jan., 1925
12. Agency Contract Society Anonyme Belge Alfred Herbert
13. Engine Purchase Contract – Rinehart-Whelan Company
14. Chance-Vought Purchase Contract – 12/11/46
15. Surety Bond Agreements from Vickers Inc. for Hydraulic Power Transmissions 1941-42
16. Correspondence w/ Day Machinery Co., Buffalo, NY re sales of Averbeck Shapers 1921
17. Averbeck Shaper File
18. Contract for Todd Check Signer – 1938-1939
19. Agreement with Illinois Freight Audit Co., 1933
20. Correspondence/License Agreement with David Samiran, 1935
21. Agreements re Air Cooled Aircraft Engine, 1923
22. Correspondence/Agreement with Charles A. Koepnick 1924-25
23. Agreement with Frigidaire 1929
24. Offer for Superior Refrigerating Co. – 1924
25. Contract for Bid Bonds, 1936
26. Material Review Board Authority Bendix Aviation Corp. 1948
27. War Dept., Air Service Eng. Div. Contract 309, 10 Hart Reversible Propeller Hubs 1920
28. War Dept., Air Service Div. Contract 649, 1923, Winches for Maneuvering Airships with Specifications
29. War Dept., Air Service Contract 858, Recondition Liberty Engines, 1927
30. War Dept./Air Corps Contract W533 AC-764 Recondition Liberty Engines, 1927
31. Change Orders and Correspondence, War Dept. Air Corps Contract W535 AC-764 Reconditioning of Liberty Engines, 1927-28
32. Liberty Engine Refurbishing Contract and Changes 1927-29
33. Air Corps Contract W535 AC-1488, Recondition Liberty Engines, 1928
34. Air Corps Contract W535 AC-1095 12 "Orientaters" 1928
35. Contract Correspondence re. GV-660 Engines, 1935
36. Navy Contract 70612 Generators, 1939
37. Navy Contract 66204 Auxiliary Power Unit, 1939
38. Navy Contract 66555 Engine Cylinder Assemblies, 1939
39. Navy Contract 70975 Starter System, 1940

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40. Certificates of War Necessity, Fleet of Commercial Vehicles 8/43-12/44, Certificate of Transfer, Used Truck, Aug. 1944

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Box 12

1. Agreement/Manufacturing License w/ Michell-Crankless Engines Corp., Apr 1930
2. Engine Performance Curves, 1923-1931 Crankless, Auto, Diesel “The Michell-Crankless Engine”
3. Engine – General – Blueprints and Specs. – 1945
4. Correspondence re Crankless Engines, 1944-54
5. Misc. Photos, Crankless Engine Components 1933-1942
6. Patent Descriptions – Alien Property Custodian
7. Patents re Slant Type Engines
8. Crankless Engine Patents
9. Misc. Correspondence re Slant Type Engines
10. Patents and Applications – Crankless Engines
11. Patent Applications and Correspondence – Crankless Engines – 1934-41
12. Patent Applications/Correspondence – Crankless Engines – 1945-47
13. Correspondence with Michell-Crankless Engine Co. 1938-1944
14. Crankless Engine – Misc. Correspondence – 1945-46
15. Patent Applications – Crankless Engine Components
16. Slant-Plate Diesel Engine – Correspondence w/ Prof. Moore P.S.U. 1944-45
17. Slant-Plate Diesel Engine – Correspondence on Forging Most Treatment 1940-47
18. Slant-Plate Diesel Engine – Fracture Reports – 1941-44
19. Slant-Plate Diesel Engine Slipper Pads 1945-46
20. Slant-Plate Diesel Engine – SPECO/USN – Gas Generator 5/10/46
21. Slant-Plate Diesel Engine “Balancing” – 1945
22. General Engine Contracts and Specs – from 1933
23. Patent – Fuel Injection Systems – 1943-47
24. Engine Testing – Ingersoll-Rand 1944-45
25. Report and Correspondence – Schweitzer PSU – Taylor MIT – 1945
26. Sterling Crankless Diesel Engine – Blueprints and Correspondence 1938-39
27. Sterling Engine CD-425 Test Data 1936-37
28. Sterling Engine CD-435 Sheets and Drawings 1935-36
29. Slant-Plate Diesel Engine – Engine Contracts USN 1938-42
30. Test Data – Sherman Diesel xB-4070-2 1941-43
31. Test Data – Sherman Diesel xB-4070-2 1944-47
32. Test Data – Drawings, Correspondence – Fuel Pumps and Injections 1937-39
33. Misc. Correspondence – Slant Mechanisms – 1947
34. Misc. Correspondence – USN – 1945-47
35. Misc. Correspondence re Patents – 1945-49

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Box 13

1. (17 Ton) Hydraulic Jack
2. Die Assembly with Air Cushion and Air Ejector Patent Correspondence/Application Ser. No. 316,931 C.M. Brehm, Sept. 16, 1952 – Nov. 10, 1955)
3. Opinion – Patentability of and Infringement by Underfeed Stoker Having Means for Removing Obstructions – Jan. 14, 1929 Serial Number: 329,723
4. Drain Valve Patent Correspondence/Application Ser. No. 356,499 A.E. Lockwood, February 4, 1954 – October 11, 1956
5. Timing Element for Machine Gun Turrets Patent Application/Correspondence Ser. No. 510,123 L.E. Rausenberger, May 31, 1944 – November 1, 1949
6. Trimming Apparatus (Bremm Trimming Press) Patent Correspondence/Application Ser. No. 529,112 Charles M. Brehm, August 15, 1955 – June 15, 1956 with Assignment
7. Burr Removal Patent Application/Correspondence Ser. No. 589,786 Pruitt, Fowle, & Iglehart, July 9, 1943 – June 28, 1946
8. Air Control Means for Combustion Apparatus U.S. Patent 2,109,239 Patent Application/Correspondence s/n 45,776 Clark Scholl, Oct. 23, 1935 – Jan. 21, 1937
9. Air Control Means for Combustion Apparatus U.S. Patent 2,109,240 Patent Application/Correspondence s/n 49,862 Clark Scholl, Nov. 21, 1935 – June 26, 1937
10. Fuel Stokers U.S. Patent 2,118,625 Patent Application/Correspondence s/n 747,327, Clark Scholl, Oct. 11, 1934 – June 29, 1937
11. Power Transmission Mechanism U.S. Patent 2,145,942 Patent Application/Correspondence s/n 67,244 McAdams & Burton, June 18, 1936 – April 1, 1937
12. Broken Tap Removing U.S. Patent 2,485,361 Patent Application/Correspondence s/n 552,850 Condit, Helfrick, & Poole, June 5, 1945 – November 8, 1949
13. Feeding Devices (Ammunition Feeder) U.S. Patent 2,541,616 Patent Application/Correspondence s/n 501,112 John D. Sasser
14. Filler Car Assembly U.S. Patent 2,564,232 Patent Application/Correspondence s/n 659,325 L.E. Rausenberger, April 22, 1946 – Sept. 20, 1951
15. Braking Mechanism Pat. No. 2,607,445 Patent Application/Correspondence s/n 18,160 L.E. Rausenberger, May 23, 1947 – Oct. 1, 1952
16. (High Pressure) Filler Cap Assembly Patent No. 2,616,583 Patent Correspondence/Application s/n 150,655 L.E. Rausenberger, Dec. 2, 1949 – Dec. 18, 1952
17. (High Pressure) Filler Cap Assembly Patent No. 2,616,584 Patent Correspondence/Application s/n 150,656 L.E. Rausenberger, Jan. 28, 1950 – Dec. 18, 1952
18. (Low Pressure) Filler Cap Assembly Pat. No. 2,616,585 Patent Correspondence/Application s/n 150,688 Condit-Getz, Oct.27, 1949 – Dec. 18, 1952
19. Tube Cutting Die 2,627,921 also British, Canadian Patent Application/Correspondence s/n 102,770 C. Brehm, June 13, 1947 – Mar 4, 1960
20. Shear Pin Cutout for Stoker Motors U.S. Pat. 2,628,337, Canada 508,430, British 685,415 Patent Corresp/App s/n 149,953 D.L. Getz, Jan. 25, 1950 – Dec. 27, 1954
21. Cam Operated Trimming Dies U.S. Pat. 2,669,302 Patent Correspondence/Application s/n 160,655 C.M. Brehm

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22. Bomb Hoist U.S. Pat. 2,649,280, British 687,635 Patent Correspondence/Application s/n 165,124 Rausenberger & Getz, Feb. 16, 1950 – April 7, 1955
23. Humidifier Valve U.S. Pat. 2,682,887 Patent Correspondence/Application s/n 174,249 D.L. Getz, July 25, 1950 – Aug. 26, 1957
24. Multiple Slip Ring Joint U.S. Patent 2,703,868 Patent Correspondence/Application s/n 374,272 L.E. Rausenberger, Dec. 1, 1952 – Aug. 9, 1955
25. Filler Cap and Adapter Patent No. 2,735,571 Patent Correspondence/Application s/n 328,877 A.E. Lockwood, Jan. 13, 1953 – March 21, 1956
26. Patent Correspondence Re: Filler Cap and Adapter Assembly FC3297 May 4, 1954
27. Filler Cap Assembly Patent No. 2,735,572 Patent Correspondence/Application s/n 355,710 D.L. Getz
28. Die Assembly in Apparatus for Trimming Tubular Pieces U.S. Pat. 2,764,544 Patent Correspondence/Application s/n 333,499 C.M. Brehm, Oct. 17, 1952 – Aug. 20, 1956
29. Filler Cap Assembly U.S. Pat. 2,751,108 Patent Correspondence/Application s/n 313,691 Getz & Ridgway May 15, 1952 – Aug. 23, 1956
30. Multiple Slip Ring Joint Pat. No. 2,774,831 Patent Correspondence/Application s/n 393,396 Lafferty & Yeazell, July 23, 1952 – April 4, 1957
31. Tube Cutting Die U.S. Pat. 2,837,156, Canada 554,238 Patent Correspondence/Application s/n 4-8,664 C.M. Brehm, Feb 8, 1954 – June 16, 1958
32. Patent Correspondence Re: Brehm Trim Die, Feb 1950
33. Tube Cutting Apparatus Pat. No. 2,856,997 Patent Correspondence/Application s/n 504,517 Edward C. Lafferty, April 4, 1955 – Feb 24, 1959
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Box 17
Reference Patents US 1861-1946

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66. Patent 29161/37-Great Britain-Automatic Air Control-Oct 26, 1937-Charles Day
67. Patent 327256-Great Britain-Filler Cap-April 30, 1930-Jack Young Sangster
68. Patent 363923-Great Britain-Trimming Dies-Dec 31, 1931-L. Schuler
69. Patent 375594-Great Britain-Improvement in Overload-Release Clutch Mechanism-Joseph Edward McAdams and Warren Dean Burton
70. Patent 377198-Great Britain-Improvements in Mechanical Stokers-July 20, 1932-William Warren Triggs
71. Patent 485835-Great Britain-Improvements in or Relating to Power Transmission Mechanics-May25, 1938-Charles Day
72. Patent 486725-Great Britain-Improvements in or Relating to Fuel Stokers of the Underfeed Type-June 9, 1938-Charles Day
73. Patent 595663-Great Britain-Closure Devices for Apertures-Dec 11, 1947-Eric Burger Fernberg
74. Patent 537860-Great Britain-Bin Feed Stoker-Oct 2, 1941
75. Patent 568855-Great Britain-Improvements in or Relating to Hydraulic Controls-April 24, 1945-Arthur Harold Stevens
76. Patent 575243-Great Britain-Improvements in or Relating Combustion Apparatus-May 23, 1946-Arthur Harold Stevens
77. Patent 577422-Great Britain-Improvements in or Relating Fuel Feeding Apparatus-Aug 22, 1946-Arthur Harold Stevens
78. Patent 577498-Great Britain-Improvements in or Relating to Combustion Apparatus-Aug 29, 1946-Arthur Harold Stevens
79. Patent 579297-Great Britain-Improvements in Fuel Feeding Devices-Nov 7, 1946-Arthur Harold Stevens
80. Patent 610807-Great Britain-Improvements in or Relating to Power Transmission or Drive Systems-Feb 3, 1949-Larence Elson Rausenberger
81. Patent 623727-Great Britain-Improvements in or Relating to a Swash Plate Mechanism-Sept 2, 1949-Arthur Harold Stevens
82. Patent 642879-Great Britain-Improvements in or Relating to Ash Containers-Dec 28, 1950-Clark Scholl
83. Patent 642880-Great Britain-Improvements in or Relating to Ash Containers-Dec 28, 1950-Delmond Leo Getz
84. Patent Patent 677107-Great Britain-Improvements in or Relating to Apparatus and Method for Cutting Tubular Stock-Nove 26, 1952-Charles Mouk Brehm
85. Patent 685415-Great Britain-Improvements in or Relating to Stoker Systems-April 29, 1953-Delmond Leo Getz
86. Patent 687635-Great Britain-Improvements in or Relating to Hoisting Devices; (Bomb Hoist)-June 10, 1953-Delmond Leo Getz
87. Patent 690955-Great Britain-Improvements in or Relating to Stoker Systems-Aug 18, 1953-Delmond Leo Getz and Edward Clarence Lafferty

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88. Patent 1,119,983-Great Britain-Reciprocating Pumps or Compressors with Hydraulic Drive-July 17, 1968-Maschinenfabrik Burkhardt
89. Patent 259,432-Italy-1931
90. Patent 640,42-Norway-Automatic Air Control Device for Forced-Draft Stokers, etc-1941
91. Patent 852,10-Norway-Oil Burner-Jan 22, 1955
92. Patent 972,95-Sweden-Automatic Air Control Device for Forced-Draft Stokers-Sept 7, 1939-Clark Scholl

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Photographs

1. B-36 Tail Turret ca: 1950-52
2. 1988 Precision Boring Cell Dedication
3. Gulfstream G-1 flag activators & gears 1959 – 1970 made for Grumman Corp. Beth Page, Long Island, NY
4. Boeing Helicopters, Philadelphia, PA
5. The B-1B
6. Moveable B-1 Wing
7. Misc. Companies and Photos
8. Sikorsky Aircraft, Stratford, CT
9. Northrop Corporation, California
10. SRN-5 – 1964
11. Lockheed L-188 & P3 Flap Actuators in production 1960 – 1995 Lockheed Corp. Marietta, GA and El Segundo, CA
12. Nike – Hercules Test Stand – 1958
13. Grumman A2F Tail Cone Actuator – 1962
14. Seismic Basket for Dynasoar (radiation) Pedestal – 1964
15. Raytheon Hawk Pedestal 1962
16. Fairchild MI-224 VTOL Test – 1960
17. BTL Terrier AN/MSG-3 Antenna Mount – 1958
18. Nike Hercules – 1958
19. Lockheed Electra Wing Flap Actuator – 1958
20. Thickol Rocket Nozzle Mock-up 1960
21. Nike Hercules Trunnions – 1959
22. BTL Terrier – 1958
23. Bell Aerospace SPN/10 Antenna Mount ca: 1960
24. WS-107A-2 Vibration Test
25. BTL AN/MSG-3 Mock-up Cable Wind-up
26. Nike – Zeus Auxiliary Reservoir – 1960
27. Sperry Skysweeper Gear Box – 1952
28. Aerojet - General G2 Gear Box
29. 10,000 lb Bomb Hoist – 1958
30. BTL – AN/MSG-3 Trunnion Mock-up
31. W2f Rotodome – Disassembled GAEC ca: 1960
32. Vertol YHCIA Test Stand – 1959
33. Nike – Zeus Pattern Equipment – 1959
34. Bell Laboratory Camera Mount ca: 1960
35. Grumman W-2F Aileron Droop System Test Stand – 1960
36. Bell Aerospace Co. Slip Ring Assembly – 1963
37. WS-107A-2 Jack Leg Deflection Test – 1958
38. Nike “B” Gear Ring (azimuth data) 1958-63
39. RCA Bumblebee Base ca: 1958

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40. BTL – AN/MSG3 Cable Mock-up ca: 1958
41. Grumman Gulfstream Model (G-1) ca: 1958
42. Bell Quality Award – 1974
43. WS – 107A2 Deflection Test ca: 1959
44. Bell Labs Parabolic Reflector – 1959
45. RCA Bumblebee Azimuth Assembly ca: 1955
46. RCA Bumblebee Bee Pulse Jet Assembly & Rotating Contact Assembly ca: 1954
47. Nike-Zeus Castings Plating Room Baker Rd. 1960
48. B-17 Turret (early) ca: 1942
49. Curtiss – Wright Propeller Components ca: 1946-50
50. Engine Test Block – Single Cylinder ca: 1940's
51. Special Drive Couplings
52. Sherman Engine Test Stand (diesel) ca: 1942-45
53. Gear Products
54. Kelsey-Hayes Aircraft Div. Exhibit 1958
55. 18th Annual International Gas Turbine Conference – 1973
56. Chrysler MOFAB May 1965 clipping
57. Prop Drive ca: WWII
58. Trade Show – 1966
59. Planetary Gearing DeLackner Flying Platform ca: 1960
60. Bell SKMR-1 Hydroskimmer – clippings
61. Bell SKMR-1 ca: 1960
62. Static Line Retriever Fairchild Aircraft ca: 1960
63. G-100 Aerojet – General – High Speed Gear Box ca: 1968
64. Nike – Zeus Pattern Equipment 8/59
65. WS – 107 A2 Antenna Mount w/ Radome Inflated ca: 1957-58
66. Fairchild MI-224 STOL Aircraft ca: 1957
67. Bomb Hoist ca: 1955 (57??)
68. B-50 Basic Turret ca: 1950
69. Truck Fleet Management Personnel 1946-48
70. Management Committee 1946-1948
71. Shop Milling Dept. – WWII
72. B-17 Top Turret WWII
73. Testing of gasoline slant plate – Sherman Engine
74. Liberty 4 cycle on test stand
75. Rausie GV-660 450 HP @ 4000 RPM Inverted V-12 1931-33
76. Roto Dome Drive Installation
77. Boeing U.C. CH-47
78. Boeing Helicopter CH46
79. Omni-mill OM-3 u/2 housing capability – Blackhawk U/C
80. B-17 Bomber
81. CH-46 Boeing VERTOL Sea Knight
82. SPECO Presentation Binder
83. SPECO Presentation Binder
84. Sikorski Blackhawk & transmission system
85. Composite – Helicopters

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86. Baker Road – sole plant operation – 1980
87. Columbia Street Plant – WWII
88. B-1 Bomber Mock-ups
89. B-1 Bomber in flight
90. Composite of B-1-B parts
91. B-1 Acc. Drive – Test Design
92. B-1 Retractable Launch Drive Test
93. B-1 Wing Flex / test facility
94. Bell-Boeing V-22 D/S schematic
95. Bell-Boeing V-22 cutaway
96. Bell 206L – 206 transmission
97. Bell U-H 1 transmissions
98. Lockheed C-5B
99. Lockheed C-5B – Parts – Flap System
100. Lockheed C-5B – Flap System Components
101. CAD-AM Finite dem. Model
102. CAD-AM terminal
103. IBM Corp.
104. IBM Corp.
105. Composite of gears & engines
106. Composite of Production Equipment
107. Radar Antenna – ca: 1952
108. NC machine Center
109. Proposed Precision Turning and Grinding Cell – ca: 1993
110. Proposed Precision Gear cell – ca: 1993
111. Proposed Precision Boring cell – ca: 1993

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Manufacturing Category
Steel Products Engineering Collection (SPECO)
Box 22
Ads & Display

1. SPECO Corporation Promotional Brochures
2. SPECO Corporation Promotional Brochures
3. Assorted Advertisements 1968
4. Proof sheets, information packet & cover letter for brochure – 1988
5. “The Largest Flap Control System...” 1967 Advertisement Kelsey Hayes
6. “Our Research and Development Goes Way Back...” 1967 Advertisement Kelsey Hayes
7. “Helicopter” 1967 Advertisement Kelsey Hayes
8. “Bell Jet Ranger – The 140 mile-an-hour Company Car” 1966 Advertisement Kelsey Hayes
9. “Our Entire Gear Department is One Vast Incubator” 1964 Advertisement Kelsey Hayes
10. “How do You Dress for a Cold War” 1964 Advertisement Kelsey Hayes
11. “I Love You...Sometimes” 1964 Cold War Advertisement Kelsey Hayes
12. “14 Birds Since ’49” 1963 Advertisement Kelsey Hayes
13. “Expressway for Automatic All-Weather Landings” 1961 Advertisement Kelsey Hayes
14. “Wing Muscles for the Lockheed Electra” 1960 Advertisement Kelsey Hayes
15. “Rockets and Missiles” 1959 Advertisement Kelsey Hayes
16. SPECO Division 1960 Advertisement Kelsey Hayes
17. “Kelsey Hayes” Helicopters 1957 Advertisement
18. Kelsey Hayes – Grumman & Fairchild 1958 Advertisement
19. “Kelsey Hayes” (Series) 1956 Advertisement
20. “Kelsey Hayes” 1955 Advertisement
21. “From the Stoddard-Dayton to the Super Sabre” 1955 Advertisement
22. “Precision Spells Performance” 1954 Advertisement
23. “It’s a Matter of Precision” 1952 Advertisement
24. Sales Presentation Pack - 1995
25. Presentation View Graphs – 1994
26. Presentation View Graph – 1995
27. Presentation View Graphs – 1997
28. Presentation Masters & Gear Motifs – 1994
29. “How to Put Your Project in Gear” ca: 1965
30. “Production Capabilities for the Manufacture of HU-1 Transmissions and Gear Boxes” Booklet
31. Brochure Mock-ups
32. Combustioneer Brochures
33. Springfield, Ohio Brochure

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Employees and Newsletters

1. "Your Company In Gear With The Space Age" Hourly Employee Handbook
2. Agreement with Employees – Re. Inventions
3. "SPECO Executive Optimistic about Future" Springfield News-Sun, Sunday Nov. 17, 1985
4. Employment Agreement & Cancellation – Lawrence E. Rausenberger 1918 & 1938
5. Consulting Contract, F.C. Reggio 1945
6. Navy Department Questionnaire – Re. Employment of Thomas Louis Sherman April 1941
7. Agreement, William H. & Dessie Wysong with Steel Products to Repay Loans and Deduct Payments from Wages
8. The SPECO News Feb. 4, 1944
9. The SPECO News Mar. 1, 1944
10. The SPECO News Mar. 24, 1944
11. The SPECO News May 12, 1944
12. The SPECO News June 2, 1944
13. The SPECO News June 23, 1944
14. The SPECO News July 21, 1944
15. Army-Navy "E" Award
16. The SPECO News Aug. 11, 1944
17. The SPECO News Sept. 1, 1944
18. The SPECO News Oct. 1944
19. The SPECO News Nov. 1944
20. The SPECO News Dec. 1944
21. The SPECO News Jan. 1945
22. The SPECO News Feb. 1, 1945
23. The SPECO News Mar. 1945
24. The SPECO News Apr. 1945
25. The SPECO News May 1945
26. The SPECO News June 1945
27. The SPECO News Aug. 1945
28. The SPECO News Oct. 1945
29. Article – July 13, 1952 – "SPECO Thrives"
30. Open House 1977
31. Gear Gazette Aug-Sept. 1985
32. The Springfielder at SPECO, Vol. 5 No. 10 Nov. 1951
33. The Springfielder at SPECO, Vol. 6 No. 1 Jan. 1952, Dec. 1952
34. The Springfielder at SPECO, Jan. 1953
35. The Springfielder at SPECO, Feb. 1953
36. The Springfielder at SPECO, Mar. 1953
37. The Springfielder at SPECO, June 1953
38. Gear Gazette July 1985

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1. The Springfielder at Steel Products
2. SPECO Publications and Publicity
3. Groundbreaking Photograph Album
4. Main Transmission Photograph Album
5. 1967 High Standard Award Photograph Album
6. Gold Rotor Award Photograph Album
7. Award Photograph Album

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