

INVENTORY

Series I. Annual and Interim Reports, 1959-89, 1993, 1997 (0.8 I.f.)

Box 1

President's letter to stockholders
Gilford Annual Reports, 1959-60, 1962, 1965-79
Corning Glass Works Annual Reports, 1979-90

Box 2

Ciba-Geigy Annual Reports, 1988-89
Chiron Annual Reports, 1993, 1997
Gilford Interim Reports, 1967-80

Series II. Biographical Files re Saul R. Gilford, 1942-1981, n.d. (0.2 I.f.)

Box 1

Saul Gilford Biographical Information, 1942-1981, n.d.
Newspaper Clippings, 1977-1980

Oversize Box 3

Laminated Lorain Journal article re: Saul Gilford

Series III. Organizational Charts, 1985-1998 (0.2 I.f.)

Box 1

Ciba-Corning Diagnostics, 1985, 1989-95 (2f)
"The Organization of Ciba," 1994
Chiron Diagnostics, 1996-97

Series IV. Correspondence Files, 1953-1995 (0.2 I.f.)

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General Correspondence, 1959-95
Densitometer Correspondence, 1953-54
Wood-Gilford Correspondence, 1956-60 (2f)
Stewart Udall Lecture (September 16, 1969), 1968-70
Building Expansion, 1975-77
President's "E" Award for Exports, 1979-80

Series V. Employee Information, c.1950, 1956, 1962, 1969-85, 1994, n.d. (0.8 I.f.)

Box 1

Employee Roster, 1969-70, 72-80 (2f)
Gilford Europe Employee Roster, n.d.
Employee Handbooks
 Basic Measuring Techniques, 1981
 Production Techniques, 1982
 Tour Guide Manual, 1985
 no title (theory behind chemical and biological measurements), n.d.

Box 2

Employee Handbooks
 Colson, 1950, 56
 Gilford 1962, 74, 77, 79, 85, n.d.
Oberlin City Brochures
Ciba Corning Diagnostics "Code of Conduct"

Series VI. Financial Records, 1959-63, 1966-78, 1980-84 (0.2 I.f.)

Box 1

Reports on Examination, 1959-63
Proposed Annual Plan, 1969
Orders and Shipments, 1968-69
Income and Expense statements 1976, 1978, 1980-82
Consolidated Entity Reports, 1983-84
Investment Research Reports on Gilford Instrument Labs, 1976-78
GSA Audit, 1982 (2f)
Newspaper Clippings, 1975-80, n.d.

Series VII. Gilford Instruments Stock, 1967-80 (1.65 I.f.)

Box 1

Public Stock Offerings, 1967, 1969
Employee Stock Option Plan Prospectus, 1974-1979
Employee Stock Purchase Plans, 1974-79

Box 2

Notice of Shareholder Meetings and Proxy Statements, 1961, 1969-71, 1973-80
Stock Certificates, 1965-1972
10-K forms, Gilford, 1975, 1977-79
10-K form, Corning, 1979

Series VII. Gilford Instruments Stock (cont.)

Box 2 (cont.)

8-K form , Gilford, 1980
Stockholders Meeting Registration Book, 1968-1980

Series VIII. Historical Files 1958-99, n.d. (0.4 l.f.)

Box 1

Prospectus for the establishment of Gilford Instruments, 1958
Gilford Instrument Laboratories Brochures, 1965, 1967, c.1976
Gilford Officers and Directors, 1959-83
Gilford Instruments Report: Assessment of the Company, 1980
Company Histories and Timelines, 1972-96 (4f)
Press Releases, 1978, 1983, 1985, 1989
Formation and Organization of Ciba Corning, 1985
Corning Glass Works Brochures, 1970s-1984
Ciba Corning Corporate Profiles, 1991-94, n.d.
Ciba Corning Oberlin Facility Mission Statement c.1990s
Ciba Corning Brochures, 1986-90
Ciba-Geigy Brochures, 1982, 1984, 1990
Chiron Corporation 1994-98
Chiron Corporation Family Tree, 1998, n.d.
Bayer Diagnostics Press Releases, 1999

Series IX. Newsletters, 1966-98 (0.8 l.f.)

Subseries 1. Local Newsletters, 1966-91 (0.6 l.f.)

Box 1

Applications Notes, 1976-80
The Front Line, 1975-79
etc., 1985
The Gilforce, 1981-83
Gilford Diagnostech Report, 1980
Gilford Herald
The Giltech
Lab-Letter, 1972-73, 1976-81
Marketing Data News, 1974-85 (2f)
Pathways BPCS Line, 1990-91
Readout, 1966-73 (2f)

Series IX. Newsletters (cont.)

Subseries 1. Local Newsletters (cont.)

Box 2

Readout, 1974, 1977, 1980-89 (2f)
Reagent Trails, 1990-91
Research Reviews, 1977
Technical Insights, 1981-84
Chiron Focus, 1998
Chiron Notebook, 1995-97
Chiron 2000 Today, 1996-97
CCD Digest (Ciba-Corning), 1992, 1996
The Gaffer (Corning), 1980, 1981
IS World (Ciba-Corning), 1994-96

Subseries 2. Parent Company Newsletters, 1980-98 (0.2 l.f.)

Box 2 (cont.)

IM&T World (Chiron), 1997-98
MetPath News (Corning), 1982-83
Near Patient Monitor (Ciba-Corning), 1992-93
Pharma (Ciba-Corning), 1994
Status (Chiron), 1996, 1997
Strategic Intent (Ciba-Corning), 1994
Worldwide Marketing Annual Report (Ciba-Corning), 1992

Series X. Newspaper Clippings, 1958-2001, n.d. (0.6 l.f.)

Box 1

Newspaper Clippings, 1966-2001, n.d. (16f)

Oversize Box 1

Scrapbook, 1958-75

Series XI. Patent Files, 1948-58, 1966-86 (0.4 l.f.)

Box 1

S. R. Gilford's Pre-Colson Patents, 1948-1958 (5f)
Gilford Instruments Patents, 1966-84 (2f)
Combination Absorbance-Fluorescence Aspirating Thermal Cuvette, 1981-82
Optimate Project Patents, 1982
Corning Invention Disclosure Forms, 1981, 1983 (3f)

Series XI. Patent Files (cont.)

Box 1 (cont.)

Corning Patent Department Correspondence, 1980-86 (3f)

Series XII. Product Files, 1955-90, n.d. (5.4 l.f.)

Subseries 1. General Product Files, 1963-74, n.d. (1.25 l.f.)

Box 1

General (1f)

Alphabetical (8f)

By Model Number (18f)

100, 102, 103-IR, 104, 105-S, 106, 110

120, 121, 125, 130, 140

200, 202, 203, 205, 208

210-D, 215, 220, 222, 230, 240, 242

250, 252, 260

300. 300-N

302, 4000, 402, 410

530, 531, 532-1, 533, 533-1, 600, 1056, 1300, 1365

2000

2220, 2400, 2400-2, 2410, 2410-S

2414, 2416, 2427, 2428, 2430, 2441, 2443, 2443-A, 2445, 2450, 2451,
2470, 2470-A, 2475, 2475-A.

2515, 2520, 2527, 2530, 2535, 2580

2600

3002, 3017, 3018, 3023, 3402, 3410, 3411

3400

3500

4006, 4009, 4014, 4016, 4019

6040, 6046, 6047, 6050, 6051, 6060

Comparisons of Gilford Models to Competition (1f)

Equipment Proposals, 1963-64 (1f)

Product Presentation, 1974 (1f)

Ciba Corning/Chiron Diagnostics (4f)

Other Companies (4f)

(housed with Series XVII, Subseries 4)

Computer Tape, "EIAnswer Programs," n.d.

Series XII. Product Files (cont.)

**Subseries 2. Manuals (Installation, Service, and Operating), 1976-80, n.d.
(2.5 I.f)**

Box 1

Chemlyte Water Purifier
Clinical Chemistry Analyzer (Series 100) 1979
Clinical Chemistry Analyzer (System 103)
Clinical Chemistry Workbook, 1980
Clinical Chemistry Procedures
Clinical Enzymology Workshop
Computer Assisted Analyzer (System 4), 1976
Data Logging System
Density Gradient Analysis, Illustrated Procedure
EIAnswer, Programs for the TI-59 Programmable Calculator
EIA Automatic Analyzer (System PR-50)
Impact 400
MicroFlame Photometer, 1979
Rapid Sampling, Illustrated Procedure
SBA 300 Selective Batch Analyzer
Slab Gel Scanning, Illustrated Procedure
Spectrophotometer Systems
Sphygmomanometer
Stasar I, II, & III
(also in this box: index cards with product information)

Box 2

103, 103-IR (Gilford and Colson Manuals)
104
104-A
105-S (Gilford and Colson Manuals)
120
130
140
200 (& 210, 220)
202
203
205
209
210-D
222
222-A
230

Series XII. Product Files (cont.)

Subseries 2. Manuals (Installation, Service, and Operating) (cont.)

Box 2 (cont.)

240
242
250
252
300
300-N
550
1300 (& 130, 131)
2000 (& 200, other accessories)
2400
2400-S
2400-2
2410
2600
3400
3500
6020, 6021

Other Companies

Ciba-Corning Clinical Chemistry Reagent Training Manual
Colson Automatic Blood Pressure Recorder
Syva Corp (Emit Enzyme Immunoassay System)

Subseries 3. Research, 1955-90, n.d. (1.65 l.f.)

Box 1

Model 140
Series 300
Model 1300 (Model 131)
Model #2400 Evaluation
ALP (Alkaline Phosphatase) IFCC Reagent Evaluation, 1990
Advantage II Evaluation, 1984-5 (6f)
Advantage Quantitative Enzyme Immunoassay, 1984
GGT (G-Glutamyl-Transferase) Project, 1990 (6f)

Box 2

Spectrophotometer, 1962-66, n.d.
Sample Chart Recordings, 1964, n.d.
Applications Department, 1975-76, n.d.
S. R. Gilford's Lab. Notebook, 1 vol., 1955-64

**Series XII. Product Files (cont.)
Subseries 3. Research (cont.)**

Box 2 (cont.)

- S. R. Gilford's Lab. Record, 1 vol. plus loose sheets, 1968-70
- S. R. Gilford's Notebook (re spectrophotometer design), 1 vol., 1974

Series XIII. Sales and Marketing Files, 1960-87, 1993, n.d. (0.6 l.f.)

Box 1

- Advertising, 1963-64, 1966, n.d.
- Form letters in response to inquiries, 1967
- Printing Costs for Brochures and Memos, 1969-73
- Reports and Memos. 1970-85
- Marketing Plans, 1974-76
- Sales Contests, 1975
- Sample sales forms, 1976, n.d.
- Sales Workbook: Research Applications, 1977
- Package Design, 1979, n.d.
- Industrial Design History, R. M. Smith, 1981
- System 102/103 Investment Analysis, 1982
- Gilford logo, artwork, 1983, n.d.
- Physiological Instruments, Sales Album Index, n.d.
- Sales representatives introductory letters, n.d.

Box 2

- Historical Files, 1969-73, n.d.
- Gilford History Project, President's Letters to Stockholders, 1960-76
- Information on Individual Products, 1983, n.d.
- Information on System 3500, 1974-76
- Gilford Catalogues, 1967-68, 1974, 1984-85
- Authorized Federal Supply Schedule Catalog and Price list, n.d.
- Price Lists, Beckman, Texas Instruments, Heto, 1961, 1963-64, 1980-81.
- Price Lists, n.d.
- Price Lists, by model, n.d.
- Price changes, 1963-65
- Price Lists, 1961-87, 1993 (2f)

Series XIV. Special Events and Visitors, 1969-84, 1991-99 (0.8 l.f.)

Box 1

- Open Houses, 1965-1996 (9f)

Series XIV. Special Events and Visitors (cont.)

Box 1 (cont.)

Engineer For A Day, 1977-1981
20th Anniversary, Aug. 8, 1978 (2f)
Gilford Diagnostics Dinner, Sept. 29, 1978

Box 2

Misc. Special Events, 1975-1999 (12f)

Series XV. Subject Files, 1952-97, n.d. (0.6 l.f.)

Box 1

Biographical Sketches of Parent Company Executives, 1986, 1996
Biomedical Signal Processing Workshop, 1974-75
Corning Store, 1996-97, n.d.
EEO Audit, 1991
EEO Certificate, 1975
FAA Proposal for Day Care Center, 1992
Food and Drug Administration, 1972-79, 1994 (3f)
Gilford Archives, 1977, 1986
Gilford Logo, 1978, n.d.
Gilford Plant Expansion Plans, 1975-78 (2f)
Gilford Plant Maps, 1968-71, 1984, n.d.
Honeywell, Inc., 1966
Intra-Ocular Pressure Measurement, 1952-56 (2f)
ISO Certification, 1993-94
Mexico IMSS Bid, 1994-95
President's "E" Award for Exporting, 1979-80

Box 2

Quality Assurance Seminar, 1977
Restaurants and Banquet Planning, 1978, n.d.
Seminar on the Viability of Conversion from a War to a Peace Economy, 1976
Service Dept. 1963-4
Shinyei Laboratory Instruments, n.d.
Strategy for Clinical Chemistry: Oberlin Reagent Manufacturing, c. 1995
U.S. Senate Foreign Relations Committee, May 1973
W. A. Wood Experiments, 1977, n.d. (2f)

Series XVI. Writings, 1941-94, n.d. (0.8 I.f.)

Subseries 1. Writings by Saul R. Gilford, 1948-75, n.d. (0.4 I.f.)

Box 1

Bibliography, 1964

Writings, alphabetical by title:

- “Clinical and Investigative Applications of a New Instrument for Continuous Recording of Blood Pressure and Heart Rate” J. C. Rode, S. R. Gilford, H. P. Broda, A. Soler, E. A. Partenope, and E. D. Freis (Oct. 8, 1953) *New England Journal of Medicine* 249:15, p615-617.
- “Electronic Instrumentation and Nucleonics in Medicine” S. R. Gilford and H. J. Morowitz (Oct. 1953) *Science*, 118:3068.
- “Evaluation of a New Cuvette Densitometer for Determination of Cardiac Output” O. W. Shadle, T. B. Ferguson, D. E. Gregg, and S. R. Gilford (May 1953) *Circulation Research* 1, p200-205.
- “An Improved Cuvette Densitometer for Cardiac Output Determination by the Dye-Dilution Method” S. R. Gilford, D. E. Gregg, O. W. Shadle, T. B. Ferguson, and L. A. Marzetta (Aug. 1953) *The review of Scientific Instruments* 24:8, p696-702.
- “A Method for the Simultaneous Measurement of Maximum Breathing Capacity, Pulmonary Volumina, and Effective Lung Ventilation” G. W. Wright and S. R. Gilford (Nov. 1959) *Journal of Thoracic and Cardiovascular Surgery* 38:5, p643-651.
- “A New Instrument for the Stewart-Hamilton Technique of Cardiac Assessment Based on an Improved Calibration Technique” S. R. Gilford and G. M. Freeman (March 29-30, 1973) Prepared for the Symposium honoring Dr. D. E. Gregg, Walter Reed Army Medical Center, p1-7.
- “Physiological Monitor for Anesthesia” S. R. Gilford and H. P. Broida (Oct. 1955) *Electronics*.
- “Proposal for an Automated Analyzer for Clinical Chemistry and Other Scientific Purposes” (May 21, 1975)
- “Recording Integrated Photoelectric and Radioactive Scanner for Paper Electrophoresis and Chromatography” E. L. Durrum and S. R. Gilford (Jan. 1955) *The Review of Scientific Instruments* 26:1, p51-56.
- “Recording of Several Simultaneous Enzyme Reactions Facilitated by an Automatic Cuvette Positioning Attachment for the Spectrometer” W. A. Wood and S. R. Gilford (Dec. 1961) *Analytical Biochemistry* 2:6, p601-609.
- “Some Notes on the Calculation of Cardiac Output from the Dye Dilution Curve with Emphasis on the Pooled Blood Technique” n.d.
- “A System for Automation Recording of Absorbancy and Its Application to Enzyme-Catalyzed Reactions” W. A. Wood and S. R. Gilford (Dec. 1961) *Analytical Biochemistry* 2:6, p589-600.

Series XVI. Writings (cont.)

Subseries 1. Writings by Saul R. Gilford (cont.)

Box 1 (cont.)

Writings, alphabetical by subject:

"Alpha Survey Meter," NBS Development Report and Instruction Book, S. R. Gilford and S. Satio, Sept. 15, 1954, p1-52.

Blood Pressure

Proceedings of Symposium on Objective Recording of Blood Pressure, Jan. 30-31, 1966, ("Gilford Automatic Blood Pressure Recorder" M. Martens)

Cardiotachometer

"Instantaneous Reading Cardiotachometer with Digital Display and True Linear Output", S. R. Gilford and M. Martens, 4th International Conference on Medical Electronics, July 16-21, 1961.

Coronary Research

Current Topics in Coronary Research: papers and abstracts contributed to the symposium Honoring Donald. E. Gregg, March 29-30, 1973, ("A New Instrument for the Stewart-Hamilton Technique of Cardiac Output Assessment Based on an Improved Calibration Technique" S. R. Gilford and G. M. Freeman)

Cuvette Densitometer

"Alterations in Central Blood Volume and Cardiac Output Induced by Positive Pressure Breathing and Counteracted by Metaraminol (Aramine)" E. Braunwald, J. T. Binion, W. L. Morgan, and S. J. Sarnoff (Nov. 1957) Circulation Research 5:6, p670-675.

"Colson Model 105-S Constant Flow System" Colson Corporation brochure, n.d.

"Cuvette Densitometer: an improved instrument for the research physiologist" (Oct. 1954) NBS Technical News Bulletin 38:10, p153-54.

"Determination of Cardiac Output with the Cuvette Densitometer in the Presence of Reduced Arterial Oxygen Saturation" E. O. Theilen, D. E. Gregg, M. H. Paul, and S. R. Gilford (Nov. 1955) Journal of Applied Physiology 8:3, p330-336.

"Estimation of Residual and End-Diagnostic Volumes of the Right Ventricle of Men without Heart Disease, Using the Dye-Dilution Method" E. D. Freis, G. L. Rivara, and B. L. Gilmore (Dec. 1960) American Heart Journal 60:6, p898-906.

"Estimation of Volume of a Circulatory Model by the Hamilton and the Bradley Methods at Varying Flow Volume Ratios" E. Braunwald, AA. P. Fishman, and A. Cournand (May 1958) Journal of Applied Physiology 12:3, p445-447.

Series XVI. Writings (cont.)

Subseries 1. Writings by Saul R. Gilford (cont.)

Box 1 (cont.)

- “Evaluation of a New Cuvette Densitometer for Determination of Cardiac Output” O. W. Shadle, T. B. Ferguson, D. E. Gregg, and S. R. Gilford (May 1953) *Circulation Research* 1:3, p200-205.
- “Exercise and Cardiac Work Response at High Altitude” E. O. Theilen, D. E. Gregg, and A. Rotta (Sept. 1955) *Circulation* 7:3, p383-389.
- “An Improved Cuvette Densitometer for Cardiac Output Determination by the Dye- Dilution Method” S. R. Gilford, D. E. Gregg, O. W. Shadle, T. B. Ferguson, and L. A. Marzetta (Aug. 1953) *The review of Scientific Instruments* 24:8, p696-702.
- “An Improved Photomultiplier Tube Color Densitometer” M. H. Sweet (Jan. 1950) *Journal of the Society of Motion Picture Engineers* 54, p35-62.
- “The Localization of Left-to-Right Cardiac Shunts: An Experimental Study of Indicator Dilution Curves Following Left Heart and Aortic Injections” R. R. Baker, E. Graunwald, H. L. Tanenbaum, and A. G. Morrow (Feb. 1958) *Annals of Surgery* 147:2, p191-96.
- “Localization of Left-to-Right Cardiac Shunts by Dye Dilution Curves Following Injection into the Left Side of the Heart an into the Aorta” E. Braunwald, H. L. Tanenbaum, and A. G. Morrow (Feb. 1958) *American Journal of Medicine* 24:2, p203-08.
- “The Model 103 Cuvette Densitometer for measurement of cardiac output” Colson Corporation product brochure, n.d.
- “Recording of Several Simultaneous Enzyme Reactions Facilitated by an Automatic Cuvette Positioning Attachment for the Spectrometer” W. A. Wood and S. R. Gilford (Dec. 1961) *Analytical Biochemistry* 2:6, p601-609.
- “The Relationship of Coronary Blood Flow and Cardiac and Other Parameters in Hypothermia” D. C. Sabiston, E. O. Theilen, and D. E. Gregg (Sept. 1955) *Surgery* 38:3, p498-505.
- “Some Problems of the Coronary Circulation” D. E. Gregg (1955).
- “Symposium on Diagnostic Methods in the Study of Left-to-Right Shunts” R. P. Grant, R. J. Sanders, A. G. Morow, and E. Braunwald (Nov. 1957) *Circulation* 16:5, p791-802.
- “A System for Automation Recording of Absorbancy and Its Application to Enzyme-Catalyzed Reactions” W. A. Wood and S. R. Gilford (Dec. 1961) *Analytical Biochemistry* 2:6, p589-600.
- “EKG Synchronized Injector and Sampler,” NBS Final Report and Instruction Book, L. A. Marzetta and S. R. Gilford, June 15, 1953.

Electrocardiograms

- “High Fidelity Electrocardiography” presented at the Conference on Electronic Instruments in Nucleonics and Medicine, Oct. 31-Nov. 2, New York.

Series XVI. Writings (cont.)

Subseries 1. Writings by Saul R. Gilford (cont.)

Box 1 (cont.)

“Wide-Band Electrcardiography” (May 1950) NBS Technical News Bulletin
34:5, p68-69.

Future Patterns in Health Care Delivery

Record of Symposium on Future Patterns in Health Care Delivery, May 5,
1972, (S. R. Gilford p59).

“German Subcutaneous Metal Locator Evaluation,” NBS Report, S. R. Gilford,
n.d.

Instrument Development for Medical Research

NBS Annual Report, S. R. Gilford, June 16, 1952.

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Laboratory Productivity - A Rational Approach to Automation, to be presented
at the Conference of Laboratory Automation of the IE and E, London,
England, S. R. Gilford, Nov, 10-12, 1970.

“A Miniature Electrostatic Generator” (Feb. 1954) NBS Technical News Bulletin
38: 2, p27-8.

Moscow Exhibit

Opening Remarks, S. R. Gilford, 1974.

“Requirements for Spectrophotometry in Biomedical Research,” S. R. Gilford,
May 30, 1974.

NIH Symposium talk slide list, S. R. Gilford, Nov. 2, 1964

Physiological Monitor for Anesthesia

“Physiological Monitoring Equipment for Anesthesia and Other Uses,” S. R.
Gilford and H. P. Broida, NBS Report, May 15, 1954.

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Pulmonary Function

“A Method for the Simultaneous Measurement of Maximum Breathing Capacity,
Pulmonary Volumina, and Effective Lung Ventilation,” G. W. Wright and S.
R. Gilford (Nov. 1959) Journal of Thoracic and Cardiovascular Surgery
38:5, p643-651.

Recording Instruments

“Engineering Aspects of Biological Recorder Design,” AIEE-IRE Conference on
Electronic Instrumentation in Nucleonics and Medicine, S. R. Gilford, Nov.
29, 1948.

“Direct Recording Instruments,” S. R. Gilford (Nov.-Dec. 1953) Electrical
Manufacturing, p114-128.

“Simplified Radioactivity Survey Instrument” (Jan. 1952) NBS Technical News
Bulletin 36:1, p3.

“Simulation Subject for VT Fuse Development”, Naval Ordinance Laboratory
Memorandum, S. R. Gilford, Apr. 23, 1948.

Series XVI. Writings (cont.)

Subseries 1. Writings by Saul R. Gilford (cont.)

Box 1 (cont.)

Sphygmomanometer

- “Clinical and Investigative Application of a New Instrument for Continuous Recording of Blood Pressure and Heart Rate,” J. C. Rose, S. R. Gilford, H. P. Broida, A. Soler, E. A. Partenope, and E. D. Freis (Oct. 8, 1953) *New England Journal of Medicine* 249, p615-617
- “Experimental Results of Colson’s The Model 100 Automatic Blood Pressure Recorder” [Chinese] 1956.
- “An Experimental Study of Comparative Responses of Blood Pressure to Different Noxious Stimuli,” A. P. Shapiro (April 1961) *Journal of Chronic Diseases* 13:4, p293-311.
- “Recording Sphygmomanometer,” NBS Final Report and Instruction Manual, M. Martens and S. R. Gilford, July 1, 1955.

Subseries 2. Writings by company employees, 1965-89, n.d. (0.1 l.f.)

Box 2

- Chamberlain, Jim, (Apr. 1985) “Workload Management Manual for the Smaller Laboratory.”
- Douglass, Stephen, (Jan. 1974) “Thermal Analysis of Biological Macromolecules in UV-Vis Spectrophotometers” *American Laboratory*.
- Dus, K., M. Dekker, and R. M. Smith, (May 1965) “Quantitative Spectrophotometric Amino Acid Submicro Analysis with a Multicolumn System” *Analytical Biochemistry* 11:2, 312-319.
- Hanjan, S. N. S., and M. Mullins, (Oct. 1988) “Performing Cost-Effective Drugs of Abuse Testing on a Random Access Analyzer” *American Clinical Laboratory*.
- Kemper, D. “Precise Temperature Control a Critical Parameter in Clinical Control” *Gilford Lab-Letter* 2:3 (1973).
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- Lehnus, G. and L. Smith, (1978) “Automated Procedure for Kinetic Measurement of Total Triglycerides (as Glycerol) in Serum with the Gilford System 3500” *Clinical Chemistry* 24:1, 27-31.
- Oyeniya, A. A., (1973) “Fundamentals and Requirements of Spectrophotometers For UV Enzyme Assay” *Journal of the American Association of Medical Personnel* 4:3.
- Pawlowski, H. and D. L. Kemper, (1972) “An Improved Automated Kinetic Creatinine Procedure” *Journal of the American Association of Medical Personnel* 3:4, 11-14.

Series XVI. Writings (cont.)

Subseries 2. Writings by company employees (cont.)

Box 2 (cont.)

Ragland, W. L., J. L. Pace, and D. L. Kemper, (1974) "Fluorometric Scanning of Fluorescamine-Labeled Proteins in Polyacrylamide Gels" *Analytical Biochemistry* 59, 24-33.

Ragland, W. L., J. L. Pace, and D. L. Kemper, (July 1973) "Fluorescence Scanning of Proteins in Polyacrylamide Gels" *International Research Communication System* [abstract].

Sabolich, S. and D. G. Minnich, (1973) "An Introduction to Electrophoresis" *Journal of American Association of Medical Personnel* 4:1, 9-10.

Shamberger, R. J., C. Reason, A. Banjeri, and A. Seadler, (Feb. 1989) "Evaluation of a Biochromatic Random Access Analyzer" *American Clinical Laboratory*.

Wakefield, T. D. II, and R. E. Blank, (Mar. 1978) "A Toxic Monitor with ppb Sensitivity Using an Automated Laser Optoacoustic Spectrometer."

[No Author]

"The Metric System Day to Day"

"U. V. and Visible Spectrophotometric Systems for Research and Industrial Applications," n.d.

"Dual Beam Spectrophotometers"

"Prisms and Gratings"

"Derivatives and Spectroscopy"

"Absorbance"

"The Gilford Photometer"

"Gel Electrophoresis -What and Why"

"Thermal Melting"

untitled (re: u.v. spectrometers)

Subseries 3. Miscellaneous Articles, 1941-94, n.d. (0.3 l.f.)

Box 2 (cont.)

Abel, F. L. (1969) "Simple Method for Mean Transit Time Determination" *Medical Research Engineering* 8:1, p22-25.

Abercrombie, J, S, Jr. (Feb 1966) "Gilford Model 220 Absorbance Recording System" *Bulletin of Pathology*, p48.

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Series XVI. Writings (cont.)**Subseries 3. Miscellaneous Articles (cont.)**

Box 2 (cont.)

- Anderson N. G. (1965) "Zonal Centrifugation" Fractions 1, p2-8.
- Aronson, R. (Jan. 23, 1969) "What is Holography" Machine Design, p26-50.
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Series XVII. Non-Textual Material, 1950s-1999, n.d. (6.3 I.f.)

Subseries 1. Architectural drawings. 1958-77 (0.01 I.f.)

Oversize Box 3

Gilford Instrument Laboratories (original building), December 12, 1958
(2 drawings)
Engineering and Office Building Changes, March 8, 1971
Facility Expansion Plans, December 15, 1977

**Subseries 2. Drawings and Diagrams of Gilford Products, 1953-92, n.d.
(1.25 I.f.)**

Box 1

Diagrams, n.d.
Schematics, n.d.
Drawings from Gilford & Broida, Colson Corp., and Gilford Instruments, some by
S. R. Gilford, 1953-55
Schematics and Drawings of model 1300, 1963-64, (2f)
Gilford Parts Drawings, GMD # 4522-4801, 1973-92
(see also Oversize Box 3)

Subseries 3. Photographs, 1950s-1996, n.d. (3.2 I.f.)

Box 1

Employees, 1950s
W.A. Wood's experiments, 1950s
Miscellaneous, 1960s
Conference Exhibits, 1960s
Soviet Academy of Science Microbiology Congress, 1966
Miscellaneous, 1970s (2f)
Saul Gilford and Rebecca Gilford, 1970s
Conference Exhibits, 1970s
Photograph Album - 1970 building project
Buildings, exterior and interior views, 1973

Box 2

Packaging 3500 System for Exhibit, 1974
First Gilford Awards Banquet, 1975
Gilford International Sales Staff, 1979
Miscellaneous, 1980s
Employees, 1980s
Gilford 25th Anniversary, 1983
Miscellaneous, 1990s (2f)

Series XVII. Non-Textual Material (cont.)
Subseries 3. Photographs (cont.)

Box 2 (cont.)

Chiron Diagnostics Management, 1990s
3000th ACS Instrument, 1996
International Service Managers, n.d.
Conference Exhibits, n.d.
Photograph Album of Historical Documents and Gilford Products, n.d.
Miscellaneous photographs, n.d.
Buildings, exterior and aerial views, n.d.
Employees, n.d.
Stetten Museum Display, n.d. (b/w prints from color digital photographs)

Box 3

National Bureau of Standards Machines
Colson Corporation Products (2f)
Gilford Products, n.d.
 Series 100
 Series 200
 Series 300
 Series 400
 Models 1300 - 3021
 Chemlyte Ion Selector Analyzer
 Operators Manual Photographs (3f)

Box 4

Miscellaneous Gilford Products, n.d.
Product photos selected for plant lecture room display, 1977

Box 5

Slides
 Enzyme Immunoassay (EIA) System, 1980 (2f)
 Solder Quality slide show, 1983
 (see also audiotape in Series XVII, Subseries 4)
 Corning Total Quality Program, c. 1984
 Market survey - Uniquel comparison with Beckman/CMS, n.d.
 570 Alliance slide show, n.d.
 Miscellaneous slides, 1989, n.d.
Color Transparencies, Sales and Marketing, 1960s, n.d.
Negatives
 Assembly and Test Engineering, n.d.
 (note, there are no prints of these negatives)
 Miscellaneous negatives, 1960s-70s, 1990s, n.d.

Series XVII. Non-Textual Material (cont.)
Subseries 3. Photographs (cont.)

Box 5 (cont.)

Negatives (cont.)

Gilford Buildings, 1960-61, n.d.
Conference Exhibits, n.d.

Box 6

Glass slides

Charts and graphs
Series 100 products
Model 203
Model 300
Model 2000

Box 7

Glass slides

Series 100 Products
Model 2000
Recording methods (diagrams)
Spirometer

See also Oversize Boxes 2 and 3

Subseries 4. Recordings (Audio and Visual), 1977-79, 1983, 1991, 1999, n.d.
(0.2 I.f.)

Box 1

Audiocassettes

Solder Quality Slide Show, 1983
(see also slides in Series XVII, Subseries 3)
Twentieth Anniversary Dinner, August 1, 1978 (2 copies)
Wildwood Waterpark Corporate Functions, 1991

Miniature Audiocassettes

Annual Meeting, November 17, 1977 (4 cassettes)
S. R. Gilford's last dictation, November 17, 1979
Untitled (labeled "copies"), n.d.

Video

Bayer Video Update "Changing the World with Great Care" November
1999

Series XVII. Non-Textual Material (cont.)

Subseries 5. Artifacts (1.95 l.f.)

Box 1

55 misc. items

Box 2

8 plaques

Box 3

Automatic dispenser, n.d. (pre-1983)