

Furman Hovey Martin Jr. 1910 - 2002

A Register of His Papers, 1860 - 1999

Overview of Collection

- Creator:** Martin, Furman Hovey, Jr.
- Collection Number:** Mss 294
- Title:** Furman Hovey Martin Jr. Papers, 1860-1999
- Abstract:** After receiving a degree in textile engineering from Clemson College in 1933, Furman Martin worked at Springs Industries in research and development, 1933—1975 with service in the U.S. Army during World War II. The papers primarily pertain to Martin’s work at Springs Industries and document applied research related to textile manufacturing. They include articles, artifacts, correspondence, drawings, index cards, memoranda, newspapers, patents, photographs, reports, and tables.
- Quantity:** 15.5 cubic feet consisting of 30 document boxes, one box of index cards, one box of photographs and three oversize folders

Scope and Content Note

The Furman Hovey Martin Papers are arranged by type of material: *American Cotton Handbook* chapter; articles; biographical information; Clemson textbooks; conference, trips and visits; correspondence; memoranda; newspapers and newspaper clippings; patents; photographs; publications; reports; and weekly summaries. The collection also contains charts, cloth samples, index cards and tables. Martin prepared extensive correspondence, memoranda and reports for Springs Industries concerning a wide variety of processes, machinery and raw material used in the textile industry, 1940s-1970s. The papers document the research and development department of a major, progressive textile corporation.

The papers date from 1860-1999 with the bulk of the collection 1949-1971.

Correspondence, drafts and corporate publications were used by Martin when he wrote chapter seven, “Opening and Picking Cotton” of *The American Cotton Handbook*, 1952-1963. Martin also wrote a number of articles for professional publications which are in one folder and date from 1936-1940. The biographical information includes some report cards from Parker High School in Greenville County, 1926-1929, correspondence, and a sketch of the Clemson Aero Club plane, circa 1930s. There are three soft-cover Clemson textbooks that Martin annotated: *A.S.T.M Manual on Presentation of Data*, *Cotton Classing Manual*, and *Cotton Opening and Picking*. The conference materials include programs, proceedings, and registration information from meetings of the American Society of Quality Control, 1952-1955, the Cotton Clinic, 1948-1970, and the Textile Quality Control Association, 1951-1973. Correspondence concerns various

MSS 294 Furman Martin Papers,

aspects of Martin's research work at Springs as well as his professional activities. There is a small box of index cards of citations to articles about textile manufacturing for the period 1930-1945.

The bulk of the papers are memoranda and project reports from 1945-1972 regarding research undertaken by the Springs Industries Research and Quality Control Department. The newspapers, newspaper clippings and publications were published primarily by Springs Industries during the period 1936-1999. The patents, 1860-1967, include some filed by Springs Industries related to textile manufacturing machinery and manufacturing processes. Photographs include a few of Martin as well as some related to Springs Industries employee events, plant machinery as well as four folders of photographs documenting an extended business trip to France and possibly Belgium circa 1958. The reports concern discussions with experts, professional meetings, and plant visits. Weekly summaries of quality control data from 1952 and process control data 1969-1970 document quality control testing and their results.

Additional Collection Information

Cite as: [description of item such as "Report on Anionic Substantive Softeners, February 25, 1948,"], box number, folder number, Mss 294, Furman H. Martin Papers, Special Collections, Clemson University Libraries, Clemson, SC.

Biographical Note

Furman Hovey "Skeebo" Martin Jr. was born January 10, 1910 in Pelzer, South Carolina the son of Furman Hovey Martin and Marie Eloise Sadler Martin. Educated in local schools and Parker High School in Greenville, he received a BS in Textile Engineering from Clemson College in 1933. That year, he began working for Springs Industries where he continued working until his retirement in 1975. During this period Martin became the Director of the Springs Industries Research and Quality Control Department. During the Second World War he served in the U.S. Army in the Philippines and retired from the Army Reserves with the rank of major. He married Annie Rodgers Martin and they had two sons, Furman H. Martin III and Oscar R. Martin and one daughter, Eloise Martin Barnes. Martin died in Lancaster SC on April 19, 2002 and is buried in the columbarium at Arlington National Cemetery.

Subjects

Springs Industries
Textile Industry—South Carolina
Textile Industry—United States
Textile Industry—Quality Control
Textile Research

Document Types

Drawings
Patents
Photographs
Tables (documents)
Technical Reports

MSS 294 Furman Martin Papers,

Administrative Information

Acquired from:

Eloise Martin Barnes and Oscar Rodgers Martin as accession 03-150.

Processing Information

Carl Redd began work on the papers with the help of student assistant, Kim Brewer in 2003. Student assistants Emily Estes and Michael Peay completed the processing 2006-2007. The finding aid prepared by Michael Kohl in 2007.

SEPARATION LIST

<u>Box</u>	<u>Folder</u>	<u>Title</u>
		<u>Photographs</u>
1	1	Articles, no date
	2	Baker Loom Devices, no date
	3	Combination Cylinder and Hot Air Slasher, no date
	4	A consolidation of some cause of weaver of taper in the top drive filling spindle, no date
	5	Conversion of the Saco-Lowell sliver test to electrical reading photographs, no date
	6	Deconstruction of smokestack, no date
	7	Fineness tester notes and sketches, no date
	8	Inside and outside photos of Springs Mills, no date
	9	James Hunter, Inc., January 6, 1960, no date
	10	Miscellaneous events photos, no date
	11	Miscellaneous photos, no date
	12	Miscellaneous photos of machinery, no date
	13	Miscellaneous photos of people, no date
	14	Notes and sketches, 1935-1940
	15	One Process Picker equipped with 24" Buckley and 18" beater photo, no date
	16	Photo of Armstrong Cork, no date
	17	Photos from Business Trip to Europe, circa 1958
	18	Photos from Business Trip to Europe, circa 1958
	19	Photos from Business Trip to Europe, circa 1958
	20	Photos from Business Trip to Europe, circa 1958
	21	Photos of automobiles in front of Springs Mills, circa 1950s
	22	Photos of the Trutzschuler Auto. Lap Weighing Device and One Process Picker, June 30, 1959 to September 14, 1962
	23	Russian Textile Rings, no date
	24	Special Events at Springs Mills, no date
	25	Textile Worlds Cotton-Fiber Table, October 1948
	26	Wool/Cotton Index Calculator, Includes standard values chart, no date
		<u>Oversize Folders</u>
	1	Four blueprints, Springs Size System, 1950, no date Gallies of <i>The American Cotton Handbook</i> , Chapter 7 "Opening and Picking", no date
	2	<i>The Lancaster News</i> , 1987
	3	<i>The Springs Bulletin</i> , 1962, 1982-1983

<u>Box</u>	<u>Folder</u>	<u>Title</u>
		<u>American Cotton Handbook</u>
1	1	American Cotton Handbook Revision, 1953-1965, no date
	2	American Cotton Handbook Revision, no date
		<u>Articles</u>
	3	Articles, 1936-1940, no date
		<u>Biographical Information</u>
	4	Biographical Information, 1926-1956, no date
	5	Centrif-Air Machine Company, 1926, no date
	6	James Hunter, Inc. 1958-1980, no date
		<u>Clemson Textbooks</u>
	7	Clemson Textbooks, 1938-1947
		<u>Conference Trips</u>
2	1	American Society of Quality Control Conference, 1952-1955
	2	Cotton Clinic Conference, 1948-1962, no date
	3	Cotton Clinic Conference, 1964-1970, no date
	4	Open House and Research Conference, 1963
	5	Textile Quality Control Association, 1951-1973, no date
	6	The Textile Quality Control Association Books, 1951- 1966
		<u>Correspondence</u>
3	1	Correspondence, 1950-1960
	2	Correspondence, 1961-1972, no date
	3	Correspondence from the Textile and Quality Control Association, 1950-1954, no date
		<u>Memos</u>
	4	35 % Polyester/ 65% Karded Cotton blend at Lancaster, 1968
	5	Announcement Regarding New Patent on Fiber Blending Apparatus, 1963
	6	Apron Spacer Investigation, 1965
	7	Autopluckers Type ZA, no date
	8	Bales Classed as 4's by Fibrograph, 1970
	9	Blending Methods for Kodel-Cotton, 1966
	10	Break Draft Test on 15's filling being woven in Style 1884, 1956
	11	Bulletin #27 Modification of Starches, Proteins and Gums with Peroxygen Compounds, No Date
	12	Business Proposition from O. Heiberg, 1959
	13	Changes to be Made on the New Production Fibrograph, 1964
	14	Charts from 1962 Annual Quality Survey (medium staples), 1962
	15	Charts showing the Picker Lap Variation, 1960

- 16 Cleaning Efficiency Test #5 on the Hergeth Opening-Picking Equipment at the Elliot Plant, 1964
- 17 Cleaning Efficiency of Elliot Plant Opening and Picking, 1963
- 18 Cleaning Efficiency of Lancaster Oxford Opening and Picking by James Hunter Machinery (Hergeth), 1964
- 19 Cleaning Machinery layout for the New Mills, 1962
- 20 Comparison of 19's Filling Made from Two Types of Armstrong's Top Roll Costs, 1954
- 21 Comparison of Lickerin Wound with #4Wire and #6 as to Card Waste and Nep Count, 1953
- 22 Comparison of the New Platt Card at 50 and 75 lbs./hr. Production rates with Lancaster Plant's Crosrol Cards at 42 lbs./hr. Production Rate, 1966
- 23 Comparison Results of .75 H. R., 1954
- 24 Comparison s/1793 42" 109x58-3.13, 1953
- 25 Comparison of Two Size Formulas at Eureka Plant in Regards to Loom Shedding., 1955
- 26 Comparative Fiber and Yarn Properties of M and BSL Mixes of 100% California Irrigated Cottons for the Kershaw Lawn. 1964
- 27 A Comparative Power Test Made between 1/2" Nylon Spinning Tapes and 5/8" Cotton Tapes. 1954
- 28 Complaint of White Slubs and Neps in Sample of s/707, lote 7276, Pink 9223, 1968-1969, no date
- 29 Confidential Letters Regarding "Removal of tar spots at the finishing level is the last place to attack," 1954
- 30 Cotton Memos, 1968-1970
- 31 Cotton Memos, 1970-1971, no date
- 32 Cotton Mix for Kershaw Lawn, 1970
- 33 Cotton Quality Control, 1963
- 4 1 Digital Classification of Bales for the Carded Mix. 1964
- 2 Dyed Samples of Grey Drawing Frame and Intimate Carded blend at Lancaster, 1969
- 3 Effects of Cotton Mixes- White, Lancaster and Gayle Sheeting Mix and Related Materials, 1968
- 4 Effects on Varying Proportions and Qualities of Cotton and Spinning Performance and Quality of Yarn, 1970
- 5 The Effect on Warp and Filling Contraction of Gray Fabrics, no date
- 6 Elliott and Frances Plants, 1964
- 7 Evaluation of Cotton Cost Based on Grade and Staple as an Index of Processing and Product Quality, 1968
- 8 Evaluation of Heavy Balance Rod Flyers, 1960
- 9 Evaluation of the Whitin M-7 Drawing Frame and Super- Lapper, 1961
- 10 Filling Barres in S/1701, 1965
- 11 Finishing Research Projects for Consumer Division, 1970
- 12 Flex Abrasion Tests Results, 1967
- 13 Gayle Laboratory Checks, 1946
- 14 Grey Cloth Tension Strength, 1958

- 15 Hergeth Opening and Cleaning Equipment-Elliot Plant, 1964
- 16 Hopper Feeder Type KN, no date
- 17 Ingolstadt and Saco- Lowell high Speed Comb boxes for Cards, 1963
- 18 Instructions for Carrying out Spinning Tests, no date
- 19 Kodel Cotton Elongation Distribution, 1965
- 20 Lancaster Twist Multiple-Yarn Strength Series, 1971
- 21 Letter from Oct. 1, 1964 concerning your Invoice # 18312, dated
9-25-64, 1964
- 22 Loss of Yarn Strength in Kershaw and Eureka 58's From Lawn Mix, 1968
- 23 Low Cost Cotton for Towel Yarns, 1967-1968
- 24 Magazine Article on Balancing High Speed Textile Spindles, 1956
- 25 A Manuel of Problems in Waste Reduction and Control, 1952
- 26 Meeting with Eastman Chemical Products Co., Inc., 1970
- 27 Memo Regarding 10 and 12 1/2 pound strings for Tension Pulley
Units-Memo to: Mr. L.W. Pray, July 10, 1963
- 28 Memo Regarding Concerns for Appearance Between lot 23016 and 31967
Memos to: Mr. J.L. Hallett and N.S. McChord, January 13, 1964
- 29 Memo Regarding Execution Speech-Memo to: Officers, Department
Heads, Managers, Sales Offices, May 25, 1970
- 30 Memo Regarding Opening of Starlab with Busch Landstreet at the Helm
on July 1st-Memo to: Mr. Skebo Martin, July 14, 1966
- 31 Memo Regarding S/4668-Memo to: Mr. E.E. Williams, Mr. J.H. Sanders,
January 29, 1963
- 32 Memo to Confirm our Understanding as to the Operation of Physical
Testing in the New R&D building, Memo to: F.H. Martin, February 15.
1972.
- 33 Memo to Mr. W.C. Summerby: Quantity and Type Cotton
Necessary to Buy for the Coming Year, August 20, 1956
- 5 1 Memoranda Regarding Patents, December 18 and 24, 1964
- 2 Memoranda Regarding Poems, Dec. 21 and 27, 1965; Jan. 26, 1966
- 3 Memorandum from Odell Pettus Regarding Kodel-Cotton Blends
at the Springsteen Plant, 1963
- 4 Memorandum from Odell Pettus Regarding Kodel-Cotton Blends
at the Springsteen Plant, 1964
- 5 Memorandum of Oct. 2, on Rieter and Ideal Tests at White Plant, 1964
- 6 Memorandum on Machinery Development, 1960
- 7 Memorandum on Single Step Opening and Cleaning Apparatus,
1951-1952
- 8 Memorandum on Solvent Cleaning Top Rolls to Mr. Summersby,
January 12, 1954
- 9 Memorandum on Spindle Modification, 1954, no date
Memorandum Regarding Different Tests, 1948-1973
- 10 Memorandum Regarding Live Steam Cooker, April 9, 1951
- 11 Memorandum Regarding Nep Problem at Union Bleachery, Aug-
Sept 1946

- 12 Memorandum Regarding oil Spot Treatment and Cloth Samples, 1954-1957, no date
- 13 Memorandum regarding A Size Formula Comparison. August 20, 1953
- 14 Memorandum Regarding Stretch Measuring Apparatus, April 14, 1967
- 15 Memorandums Relating for the Starch Cooking Apparatus and Method, 1951-1963
- 16 Memorandums Relating to Starch Cooking Apparatus, 1951-1971, no date
- 17 Memorandum to Mr. A.P. Aldrich, Jr. Aldrich Machine Works, Atlanta, Ga, 1962
- 18 Memos from Cotton Quality Research Station, 1964-1966
- 19 Memos from Marketing Economics Division about Mike of the 1964 Corp., 1964
- 20 Memos in Regard to Wel-Card Attachment, 1969
- 21 Memos on Ball-Bearing Arbors, 1962
- 22 Memos on Requirements resulting from Kershaw and Oxford Plant Conversions, 1970
- 23 Memos on Trip Report-7/27/72, 1972
- 24 Memos Regarding Bales, 1970-1971, no date
- 25 Memos Regarding Barre problem solution and test on the solution, 1965-1966
- 26 Memos Regarding Cotton Utilization and Cotton Mixes, 1966-1972, no date
- 27 Memos Regarding Different Frames and the Tests on Those Different Frames-Memos to: Mr. Walker, Mr. Flowers, Mr. Pearce, Mr. Flynn, Mr. Hallett, 1961-1962
- 28 Memos Regarding Digital Fibrograph-Memos to: Mr. Hallett, Mr. Martin, 1962-1965
- 6 1 Memos Regarding Different Spinning Frames, 1961-1962
- 2 Memos Regarding Eureka S/4653 Single Creel Filling-Memos to: Mr. R.S. Stribling, 1963-1964
- 3 Memos Regarding Hergeth Project and Magazine, 1963-1964, no date
- 4 Memos Regarding Machinery Development-Memos to: Thad Flowers, Ned Knight, Nov. 4-Dec. 16, 1960
- 5 Memos Regarding Single Creel Oxford Study, 1963-1964
- 6 Memos Regarding Spinlab Contract for Production Type Fibrograph-Memos to: Mr. Hallett, Mr. Jim Elliott, F.H. Martin, Hugh, Hunter, Davidson, 1963-1965.
- 7 Memos Regarding Style 5551, Memos to: G.H. Gardner, Mr. R. H. Hughes, June 23-July 11, 1967
- 8 Memos Regarding USDA, 1945-February 1965.
- 9 Memos Regarding USDA, March 1965-1972, no date
- 10 Memos Regarding White Plant, Memo to: Mr. Walker, 1962-1963.
- 11 Memos and Tests Results on High Tenacity Type IV Kodel in 100% Oxford Filling, Memos to: Mr. J. Williams, Mr. Ballard, and July 27-August 15, 1967.

- 12 Memos and Test Results on McColl Plant Spinning and #10 Cotton Mix, Memos to: Mr. W.H. Perry, F.H. Martin, August 3-October 3, 1972, no date.
- 13 Memos to F.H. Martin regarding equipment which is necessary for the Operation of the Fabric Development at Scotland Mills, no date
- 14 Memos to: R.S. Stribling regarding Shipping's of Different roles of S/6059, S/6330, and S/6507, no date
- 15 Model 270 Computerized Fibrograph, Memo to: Dr. Martin, September 18, 1968.
- 16 Modification of the Comber pan by Placement of Baffle in the pan to Decrease the periodic Variation in Silver, Memorandum to Mr. A.Z.E. Wood, Legal Department, June 18, 1959.
- 17 Moisture Content of Cotton, Memorandum, October 18, 1971.
- 18 Moisture Tests for Lancaster Plant, July 16, 1946.
- 19 A New Approach to Evaluation of Cotton Fiber Quality, Memo to: John P. Etting, Harry Defore, Ashley Roberts, F.H. Martin, J.J. Love, William A. Taught, John E. Ross, January 7, 1970.
- 20 Nep Count (Per 12square inches) Comparison of Cannon Percal Pillow and Springs typ-180, Letter to Mr. Norman E. Primrose, October 2, 1953.
- 21 Nyloncale Memorandum, May 1954.
- 22 Open-Ended Spinning BD-200 M69 with NSCU, Memo to: W.H. Martin, May 8-December 9, 1970.
- 23 Opener and Cleaner Type HOS, No Date.
- 24 Opener Hoppers and Hergeth Pickers, Memo to: Mr. V.A. Ballard. November 25, 1963.
- 25 Operating Biases, Memo to: W.C. Summersby, January 22, 1952.
- 26 Operational Data, 13.5's, 100% Carded Cotton-Roving from Hollingsworth, no date.
- 27 Optimum Processing Procedure (OPP) for All Cotton Blend Yarns in the Grey Mills, Memos to: Mr. F.H. Martin and Dr. W.C. Martin, July 13-18, 1970.
- 28 Original Digital 2.5% Span Length (inches) Used, no date.
- 7 1 Paper Discussing Ideas through the "How Other Men Manage" department, no date.
- 2 Papers on Effects of Yarn Twisting and Spinning, 1959-1962, no date.
- 3 Papers on Research Proposal for 1965 Pilot Plant Operation, 1965-1966.
- 4 Pima Cotton Processed on Card with Metallic Clothing and Metallic Cards. Memos to: Mr. J.H. Sanders, Mr. Lockman, and Mr. Hallett, 1959-1962.
- 5 Performance Data Lists of Both Wash and Wear as well as Wrinkle Resistant Styles, Memo to: Norman E. Primrose, August 31, 1959.
- 6 Performance of the Production type Fibrograph according to attached Agreement signed July 8th, 1963. Memo to: Mr. Hallett, October 16, 1964.
- 7 Preventative Machine Maintenance Program (PMNP), Memorandum, July 28-August 20, 1963.

- 8 Problem of High Spinning Ends Down-Kershaw 58's All-Cotton
Lawn, Memorandum, September 22, 1970.
- 9 Procedure for Tests to Compare Silver, Roving, and Yarn Made from
Combined Sliver with 15% Comber Noils removed and 18% Comber
Noils Removed, Memo to: Mr. Gayle 1953-1964.
- 10 Process Control Laboratory for the Air base Area, Memorandum
to: Mr. Hallett, Mr. Poorey, June 16, 1965.
- 11 Quality Audit's Evaluation of Three Special Samples of Lancaster
S/1029, Dyed Spitfire 8133, Memorandum, March 5, 1969.
- 12 The Relation of Mill Processing Conditions to Yarn and Fabric
Properties, no date.
- 13 Research and Process Control Laboratory Procedures,
Memorandum to: Mr. Simpson, Mr. Skipper, March 31, 1966.
- 14 Results of Comparison of Single Process Drawing and Two Process
Drawing used as Regular Mill Run. Memo to: Mr. V.A. Barrad. August
14, 1953.
- 15 Report on Conditions Affecting Quality, Memorandum from Mr.
Luke Thomason, October 11, 1961.
- 16 Report of Papers Given at Cotton Research Clinic and How I saved
1 cent a Pound on Cotton, February 23, 1955, no date.
- 17 Report on Visit to Cluett Peabody Company, Inc., Atlanta, Georgia for the
Purpose of Investing a Complaint on Eureka 302 and Kershaw 437
Finished Combed Broadcloth, 41 1/4" 136x60-3.55, April 12, 1955.
- 18 Representatives of the College of Industrial Management & Textile
Science & Representatives of Springs Mills, Oct. 3, 1972, At Fort Mill,
SC, Dr. R.C. Edwards, President University, October 12, 1972.
- 19 Reprints-Pilot Spinning Laboratory, Clemson, SC, Memo to:
Members of Mill Advisory Group, 1966-1967.
- 20 Results of 25% an 100% high Tenacity Outturn Study Versus 100%
Regular Kodel on S/20151, 48" 120x72 3.52, 65% Kodel/ 35% Combed
Broadcloth, Finished as Potentin, Pre-Cured, White 85, Memorandum to:
Mr. J.L. Hallett, October 1, 1968.
- 21 Results on a 50% High Tenacity Kodel Outturn Study on S/20151, 48"
120x72 3.52, 65% Kodel/ 35% Combed Cotton Broadcloth, Finished as
Potentia, Pre-cured, White 85, Memorandum to: Mr. J.L. Hallett, October
1, 1968.
- 22 Results of Carding Tests and Waste at Eureka Plant with and Without the
Fiber Retriever, Memo to: F.H. Martin, August 5, 1963.
- 23 Results of Filling Slub Level Checks on style 6009 pima, 41 1/4" x 74-
3.75, processed with Lap back Five Roll and Can back Four Finisher
Drawing, Memo to: Summersby, July 31, 1956.
- 24 Results of Imperfection Counts Made on Elliot Plant's 41's Memo
to: Mr. Hinson, Mr. Scheur, 1965-1967
- 25 Results of Loom Stop Test, Memo to: Mr. Sanders, April 7, 1953.
- 26 Results of Preliminary Study of Picks and Yarn Number Test,
Memo to: Primrose, May 19, 1958.

- 27 Results of Spectrograph and Uster Variation on Roving Selected for Test, Memorandum on Machinery Development: Mr. Flowers, November 4, 1960, no date.
- 28 Retesting of Cotton on the Digital, Memorandum to: Mr. Hallett, June 2, 1963.
- 29 Roller Bearings Catalogs and Magazines, no date.
- 30 Roll Setting Test on Kershaw Plants J-3's, October 26, 1961, no date.
- 31 Roving and Spinning Frame Adjustments Necessary to Process the California Cotton for Kershaw 60's for Lawns. Project # 259, Memorandum to: Mr. Hallett, March 27, 1972.
- 32 S/22950- New Style in Production, Memo to: Mr. W.H. Housch, February 13, 1973.
- 33 Sample Weaving Operations, Memorandum to: Mr. J.L. Williams, October 1, 1970.
- 34 Scutcher (Picker) Type SMSA with Automatic Lap Spindle Doffing and Replacement, no date.
- 35 Shirley Analysis of Cotton from Blending Hopper and Waste from Cleaning Machines at Aileen Plant, Memo to: T.T. Flowers, December 8, 1972.
- 36 Single Strand Strength and Elongation Tests for Two Samples of 23's yarn marked "A" and "B" from the Fort Mill Plant, Memo to: Mr. Flowers, February 15, 1973.
- 37 Some Aspects of Pre-Blending Cotton, no date.
- 38 Spinning Performance and Product Quality as Influenced by Fiber Fineness, Spindle Sheet, Twist Multiplier, and Cradle Opening at Spinning, April 23, 1965.
- 39 Spinning Tensor Pin Test on 45.5's Filling for Eureka Plant, Memo to: Mr. Walter Gayle, October 21, 1959.
- 40 Staple Length Changes of Elliot Cotton Mix During Normal Processing and One Hundred Grey Cloth Filling Breaks, Memo to: Mr. Henson, Mr. F.H. Martin, 1960-1965.
- 41 Status Report on Evaluation of Antistat X-78, August 15, 1972.
- 42 Summary-Total North Carolina Division, no date.
- 8 1 Test on 41's Combed Warp at Kershaw, Memo to W>C. Summersby, August 25-December 8, 1953.
- 2 Tests Results from 1965 Fiber property Studies, 1965.
- 3 Tests Results from Cotton Fiber Properties April 24-25, 1968, no date.
- 4 Tests Spinning Frames at 1.00 H.R. spinning 40's filling, Memo to: Mr. R.H. King, June 8, 1956
- 5 Test #3 and #4 on Elliot Cleaning Equipment, memorandum to: Hallett, December 20, 1963
- 6 Tests on Cleaning Machines, Re: Ltr. from: Mr. Hergeth, March 23, 1963.
- 7 Tests on the New mailer F Type flyers with the spring type balance rod at the Lancaster Plant, Memorandum to Mr. Hallett, no date.
- 8 Textile World's Cotton Fiber Table, October 1948

- 9 Thermal Tests on New Sample Insulaire Blanket, Memo to Mr. R.D. Sanders and Mr. Lee Hanna, 1965-1967.
- 10 Time Chargers-second Quarter 1969 Development Department Greige Processing Laboratory, no date
- 11 Type 883 Rotospin Trials Springs Mill, U.S.A, June 15, 1952
- 12 Used Schlafhorst Winder at Terrel machine in Charlotte, Memo to: Mr. J.L. Williams, January 24, 1973.
- 13 Utilization of Medium Staple Discount Cottons for Print cloth, Memo to: F.H. Martin, July 2, 1971.
- 14 Weekly Cloth Nep Count Representatives Styles from all Plants, September 2, 1950.
- 15 What top management expects from Statistical Quality Control, October 12, 1951.
- 16 Without Card Crusher Roller, February 22, 1965.

Newspapers

- 17 *Charlotte Observer*, 1955-1998
- 18 Cartoon, 1988
- 19 *Fort Mill Times* Newspaper, 1998-1999
- 20 *The Herald Newspaper*, July 12, 1998
- 21 *The Lancaster News*, November 11, 1971.
- 22 Springmaid Calendar 1961
- 23 *The Springs Bulletin*, 1959-1999
- 24 The Springs Cotton Mills *Our 75th Anniversary*, 1963
- 25 The Springs Mills publications, 1963-1973
- 26 *The State*, September 27, 1963
- 27 Table of Supervision of Springs Industries, 1974.

9

Patents

- 1 Air Filtering Apparatus, Patent #2500123, March 7, 1950
- 2 Analysis of Patent of Patent #2438084, Yarn Smoothing Apparatus and Method, March 12, 1953
- 3 Antiballoning Arrangement for Cap and Ring Spinning, Doubling, Twisting, and Like Machines, Patent #1790336, January 27, 1937
- 4 Apparatus for boiling Aqueous Starch Mixtures, Patent #2253262, August 19, 1941
- 5 Apparatus for Making Modified Starches, Patent #1159591, November 9, 1943
- 6 Apparatus for making Size-memo regarding above mentioned, Patent #648887, May 1, 1900, 1954-1972
- 7 Apparatus for and Method of Continuously Cooking Starch, Patent #2313574, March 9, 1943
- 8 Apparatus for and Method of Treating Pervious Material with Fluid, Patent #2174178, September 26, 1939
- 9 Apparatus for and method of Yarn Spinning, Patent #2737008, March 6, 1956

- 10 Apparatus for Measuring the Viscosity of Liquids in Tanks, Patent #2491389, December 13, 1949
- 11 Apparatus for the Reduction of Paper pulp, Patent #276163, April 24, 1883
- 12 Apparatus for Silver Formation in carding Machine, Patent #3319302, May 16, 1967
- 13 Apparatus for Twisting Threads, Patent #2572135, October 23, 1951
- 14 Automatic Top Rill Cleaner, Patent #329320, October 27, 1885.
- 15 Ball Bearing for Spinning and Twisting Machine Spindles, Patent #546022, September 10, 1895
- 16 Balloon Guard, Patent #2660856, December 1, 1953
- 17 Bobbin Cleaner, Patent #1451239, April 10, 1923
- 18 Bobbin Stripper, Patent #869856, October 29, 1907
- 19 Brush Cleaning Machine, Patent #1804601, May 12, 1931
- 20 Cap-Spindle, Patent #921279, may 11, 1909
- 21 Card Cleaning Patents, 1892-1958
- 22 Card Cleaning Patents, 1959-1965
- 23 Card Roll Stripping Apparatus, Patent #11830325, May 16, 1916
- 24 Cleaning Device for Revolving Cleaner Rolls, US, Patent #2785423 and Patent #2739326, 1951-1969
- 25 Combined Bobbin and Flyer Assembly, Patent #3015931, January 9, 1962
- 26 Device for Coiling Twined Threads, Patent #3032960, May 8, 1962
- 27 Device for Constructing the Thread Balloon in Ring Spinning and Ring Doubling Frames, Patent #2867075, January 6, 1959.
- 28 Drawing Roll Cleaning Machine, Patent #2385039, September 18, 1945
- 29 Filter Construction, Patent #3035398, May 22, 1962
- 30 Harness-Frame-Leveling Mechanism, Patent #1759673, May 20, 1930
- 31 Harness for Looms, Patent #2037594, April 14, 1936
- 32 High Speed Spindle and Bearing means for the same, Patent #2068652, January 26, 1937
- 10 1 Improved Method of and Apparatus for the Preparation of Starch Pastes, Great Britain, Patent #52, (no. 718,465) June 27, 1952
- 2 Machine for Stripping the Waste Yarn left on Condenser Bobbins, Patent #1274522, August 6, 1918
- 3 Means for Cleaning the Drawing-Rolls of Roving-Frames, Patent #9322977, August 21, 1909
- 4 Mechanical Paint Brush Cleaner, Patent #2354898, August 1, 1944.
- 5 Method and Apparatus for Preparation and Distribution, of Sizing Materials, Patent #2516884, August 1, 1950
- 6 Method of and Apparatus for processing Starch, patent #1411934, April 4, 1922
- 7 Mills Report on new Starch Solubilizer, August 1948.
- 8 Modified Roll Stand, Patent #27114228, August 2, 1955
- 9 Oiling Spindles, Patent #30937, December 18, 1860.
- 10 10 Opening and Cleaning machine for Fibrous Materials, News Article Included and other papers, Patent #2601381, July 5, 1951-June 24, 1952

- 11 Patent data for Cleaning Feeder and Diagrams, 1917, no date
- 12 Patent Data for Starch or Similar Paste System, July 26-June 27, 1950
- 13 Picker Stick Check Apparatus, patent #2949937, August 23, 1960
- 14 Process of and Apparatus for Dispersing an Aeriom body in a
Liquid body, Patent #251215, September 5, 1950
- 15 Progress Report on Pearl Starch test, May 20, 1954
- 16 Protector for Ring-Spinning Frames, Patent #695876, March 18, 1902
- 17 Report on Anionic Substantive Softeners, February 25, 1948
- 18 Reports on Homogenizers, September 1954, no date
- 19 Ring for Spinning Machine, Patent #3114234, December 17, 1963
- 20 Roll Picker, Patent #2151111, March 21, 1939
- 21 Rotary Device for Reducing the Balloon of Thread, Patent
#2758438, August 14, 1956
- 22 Rotary Spindle Bearing, Patent #597690, January 18, 1898
- 23 Schedule of Patents now held by Springs Mills Industry, October 4, 1966.
- 24 Slasher Project, October 30, 1950, no date
- 25 Spindle Bearing, Patent #597690, January 18, 1898.
- 26 Spindle and Bearing, Patent #779835, January 10, 1905
- 27 Spindle Mounting, Patent #2668087, February 25, 1951
- 28 Spindle Top Type Spinning Device, Patent #3032961, May 8, 1962
- 29 Spindle Unit, Patent #2486296, October 25, 1949
- 30 Spinning-Spindle, Patent #2680695, June 8, 1954
- 31 Spinning Spindle Assembly, Patent #2546473, March 27, 1951
- 32 Spool Stripper, Patent #2443002, June 8, 1948
- 33 Starch Cooking Apparatus & Method, Canada, Patent #53 (no.
541004), June 21, 1955.
- 34 Starch Cooking Apparatus & Method, Mexico, Patent #58 (no.
58091), October 15, 1957
- 35 Starch Cooking Apparatus & Method, US, Patent #55 (no.
2730468), January 10, 1956
- 36 Starch Cooking Apparatus, Patent #1418320, June 6 1922
- 37 Tension Regulator for Spinning Frame, Patent #3, 107479, October
22, 1963
- 38 Textile Fiber Working Machine, Patent #2544965, March 13, 1951
- 39 Textile Twisting Apparatus, Patent #2932152, April 12, 1960
- 40 Thin Boiling Starch and Method of Making Same, Patent
#1871027, August 9, 1932
- 41 Thread-Protector for Ring-Spinning Frames, Patent #649186, May 8, 1900
- 11 1 Vapor Scrubbing System, Patent #2321893, June 15, 1943
- 2 Viscosity Control, Patent #2452142, October 26, 1948
- 3 Viscosity Responsive Apparatus, Patent #2325573, July 27, 1943
- 4 Yarn-Protector Attachment for Spinning Frames, Patent #628875,
July 11, 1899

Photographs

- 5 Combination Cylinder and Hot Air Slasher Dryer Photo, no date

- 6 Conversion of the Saco-Lowell Sliver Tester to Electrical Recording-Photographs, no date
- 7 Deconstruction of Smokestack Photos, no date
- 8 Inside and Outside Pictures of Spring Mills, no date
- 9 Miscellaneous Events Photos (Opening of Store, Springmaid Pageant, Christmas Photo), no date
- 10 Miscellaneous Photo of machinery, no date
- 11 Miscellaneous Photos of People (Child, couple, man walking through crowd, pictures of children, party pictures, man at work), no date
- 12 Miscellaneous photos/papers (Photo of Furniture, Photo of mini Piano), June 23, 1952, no date
- 13 One Process Picker Equipped with 24' Buckley and 18", no date
- 14 Photo of Armstrong Cork, 1939
- 15 Photos of Business Trips, no date
- 16 Photos of Old Cars in front of Springs Mills, no date
- 17 Photos of the Trutzschuler Auto. Lap Weighing Device and One Processing Picker, June 30, 1952-September 14, 1962.
- 18 Special Event at Springs Mills Photos, no date

Projects

- 19 4363 Bate Controlled Cotton Test made at White Plant, Project #260, April 27, 1962
- 20 Additional Fabric from polyester-Rayon blends of fine count yarns with 1.25 d/f Staples (requested by apparel fabrics division, NY), Project #373-A, February 9, 1971
- 21 Agreement for the Development of the Production Fibrograph September 28, 1963
- 22 All-Cotton Stretch Fabric by the Back-Twist, and False-Twist Methods, review of Present Status, project #319, May 26, 1967
- 23 Analysis of Consolidated IBM Micronaire Cotton Fineness Group Data (Percentage in each Fineness Group), Nov-Dec 1956, Jan-April 1957 (Reports #6,7,8)
- 24 Analysis of Fiber Properties-N.C. Cotton, 1973 Crop, May 16, 1962, no date
- 25 Analysis of Fineness Data Cotton Tested During October, 1956, (Percentage in each Fineness Group, November 12, 1956
- 26 Analysis of Grey and Finished Samples of 39" 80x80-4.00 from Springs and Competitors. Re: Letters from Mr. Martin dated June 27, 1956, August 7, 1956
- 27 Analysis of Grey and Finished Samples of k-424 42 $\frac{1}{4}$ " 144x74-3.35, and k-444, 41 $\frac{1}{4}$ " 136x60-3.55 with Cotton and Dacron blends, June 8, 1955
- 28 Analysis of Grey Samples of Springs and Competitors 39" 80x8--4.00. Re: letter to Mr. Martin from Mr. Primrose Dated February 24, 1956, February 29, 1956
- 29 Analysis of length u/ratio micronaire for SL, BSL, M, no date

- 30 Analysis of Specific Causes of Seconds Due to Loom oil, April 19, 1948
31 Baker Loom Devices, 1948-1956, no date
32 Bleaching Test on Cloth Samples marked with Coleman Square
Crayons, February 15, 1952
33 Bleaching test on Crayon and Colored pencil used at Lancaster
Plant, July 28, 1954
34 Bleaching Test on Crayons, Pencils, and Colored Yarns used for
making cloth and yarns, March 12, 1948
35 Bleaching Test of Crayons and Pencils used for Marking yarns and
Cloth Project #52, March 17, 1949
36 Bleaching Test of Substance from Fort Mill Top Rollers, May 26, 1949
37 Bleaching Test on Tintinol, Rayon Tint, when used to Mark
Cotton, March 25, 1949
38 Bleaching Test on Walbuck Crayons Submitted by Purchasing
Department Requested by Mr. Boland, December 17, 1953
39 Blueprints, 1950, 1952, 1955, no date
40 Bottom Cleaner Comparison Test on Combed Finisher Drawing at
Gayle Plant, -unpublished, May 30, 1956
41 Break Draft Test on 50.0's Combed Warp, -unpublished, December
30, 1958
12 1 Re: Card stops at Patricia Plant, project #315, Re: Card stops and car
cleaning at Patricia Plant, Project #315 (supplement), June 14, 1967
2 Card Waste and Nep Count Comparison between Card Room #1,
Card Room #2, and Annex at Gayle Plant, Chester, South
Carolina, Project #11, April 2, 1974
3 Carded Blend Sheeting Woven from Open End yarns, March 29, 1973
4 Carding and Spinning Tests on Three Grades of 1/32" and Two Grades of
1/16" Cotton from Anders, Clayton Co., Project #175, July 30, 1958
5 "Cardmaster" Flat Carding 100% Cotton-Katerine and Patricia
Plant, May-Dec 1970
6 Cleaning Efficiency Test #5 on the Hergeth Opening-Picking Equipment
at the Elliot Plant, Memorandum: Mr. Hallett, Mr. Ballard, January 16,
1964
7 Cleaning Efficiency Test #6 on the Hergeth Opening-Picking
Equipment at the Elliot Plant, April 2, 1964
8 Cloth Charring Test on Eureka Style E-71 (40" 86x93-2.02),
March 25, 1949
9 Cloth Nep Count on Special Test at Eureka, April 21, 1948
10 Cole Drafting Assembly with Special Cradle Design, 1955-1958
11 Comparative Analysis of Cannon 144 Combed Broadcloth with E-
305 45&1/2" 144x76-2.68 and k-425, 41&1/4" 144x76-
2.96, January 3, 1955
12 Comparative Analysis and Defective levels made in Grey and
Finished Samples of Springs and Competitors 39" 80x80-
4.00, November 6, 1956

- 13 Cloth Charring Test on Eureka Style E-302 41&1/4" 136x60-3.55 Samples of 136's Combed Broadcloth from Japan, Bates and Cone, December 30, 1954
- 14 Comparative Analysis of Finished Oxford Samples from Stevens, Hoosac Mills, and Springs Payton, Re: Letter from Mr. Primrose to Mr. Martin, Dated October 28, 1955, November 1, 1955
- 15 Comparative Analysis of Finished Sample of 109x58 Broadcloth identified as "Osboen" with Springs Praisworth, S/1793, 42" 109x58-3.13, and Springs Tulidel, S/1879, 38" 109x58-3.13, and Springs Tulidel, S/1879, 38" 109x58-3.13, and Springs Tulidel, S/1879, 38" 109x58-3.69. Re: Letter from Mr. Primrose to Mr. Martin dated Nov. 15, 1955. November 22, 1955
- 16 Comparative Analysis of Finished Sample of Greenwood's Ox-plex with Spring's Staretta, both Stretch Oxfords. Re: Memorandum from Mr. McChord to Mr. Blackwell, dated Oct. 22, 1963, (No. 104,1963), October 24, 1963
- 17 Comparative Analysis of Finished Samples of G-3199, 44" 108x56-1.39, and G-3200, 44" 118x56-1.89 with samples of Cone Ply 8.5 and 6.0 ounce Twills. Re: Letter from Mr. Primrose to Mr. Martin dated March 10, 1955, March 21, 1955
- 18 Comparative Analysis of Finished Samples of Springs, Cannon and, Pepperell Type 128 and Type 180 Sheeting before and after Laundering. Re: letter from MR. Norman E. Primrose to Mr. F.H. Martin dated December 2, 1954, December 10, 1954
- 19 Comparative Analysis of Finished Samples of Wamsutta made from Pima Cotton with samples of k-435, 41&1/4" 144x84-3.39, Made from Pima Blend, Re: letter from Mr. Robert Amory to Col. Springs dated February 3, 1955, February 23, 1955
- 20 Comparative Analysis of Grey Sample of 136 Combed Broadcloth made in Japan, with E-302, 41&1/4" 136x60-3.55. Re: letter from Mr. W.C Summersby dated December 14, 1954, December 22, 1954
- 21 Comparative Analysis of "No Iron" Lawn Fabrics Re: letter from Mr. Logan to Mr. Martin dated September 20, 1955, September 29, 1955
- 22 Comparative Analysis and Quality Levels of T-180 Sheets from Springs and Competitors before and after one laundering. Re: letter from Mr. Primrose to Mr. Martin dated August 25, 1955, October 25, 1955
- 23 Comparative Analysis of Samples Identified as Quality 1955, Egypt and Quality 1994, Holland with Springs Miracomb and Lanmark. Re: letter from Mr. Primrose to Mr. Martin dated May 17, 1955, May 23, 1955
- 24 Comparative Analysis of Spartan's 100's Carded Broadcloth with L-1373 37" 100x58-4.00 Spartan sample obtained from Grace Bleachery December 21, 1954, December 30, 1954
- 25 Comparative Analysis of Walton's 44" 108x56-1.45 Grey Twill with Springs Style 3202, 44" 108x56-1.39. Re: letter from Mr. Primrose to Mr. Martin dated September 1, 1955, September 8, 1955

- 26 Comparative Breaking strength tests on flour bag Fabrics S-1453, S-1454, S-1456 when Grey, bleached, and back filled after bleaching. Project #50, January 3, 1949
- 27 Comparative Card waste and Sliver, Roving and Yarn Quality from Cards with Conventional and Metallic Wire on the Cylinder and Doffers, January 10, 1955
- 28 Comparative Carding performance of six conventional cards at 9.5 pounds per hour and at 20.5 pounds per hour equipped with crush roll devices by Crosrol, Abington, and one card with a pressure device by Aldrich, Project #363, October 10, 1962
- 29 Comparative Carding performance of the Springsteen Conventional cards at 10 pounds per hour, Lancaster Cards with Crosrol at 20.5 pounds per hour and the Whitin Card at 40 pounds per hour when using Springsteen Pima Cotton, Project #270, March 9, 1963
- 30 Comparative Carding performance of the Whitin Aerodynamic and a special Lancaster Card at 40 pounds per hour, Project #264, August 24, 1962
- 31 Comparative Carding performance of the Whitin Aerodynamic Card and a conventional card equipped with a Crosrol-Varga under production conditions at 40 pounds per hour, for 32's combed yarn, Project #273, May 6, 1963
- 32 Comparative Carding Performance of the Whitin Card under production conditions at 40 pounds per hour with conventional cards at 8.4 pounds per hour, Project #268, January 7, 1963
- 33 Comparative Carding and Spinning Quality produced by regular Gayle Cotton Mix and the same mix using 11% Peeler card strips, Project #114, February 4, 1955
- 34 Comparative Carding and Spinning Quality of Two Cottons when carded at the same rate using Swift MIG. Co. and Lancaster Plant, Project #109, October 15, 1954
- 35 Comparative Carding and Spinning Quality of yarn produced by two and three beater pickers from carded stock at the Lancaster Plant settings, Project #109, October 15, 1954
- 36 Comparative Carding, Spinning, Weaving, and Fabric Performance for carded goods carded at 21.0 and 40.0 pounds per hour, Project #271, December 20, 1965
- 37 Comparative Carding and Yarn Qualities produced by three carding systems at Lancaster Plant, Project #300, December 10, 1965
- 38 Comparative Carding and Yarn Qualities produced by the Whitin Super Lapper and Ideal Drawing System for Kodel-Cotton blends, Project #296, November 15, 1965
- 39 Comparative Cloth Quality produced from 40's slubbed filling and 40's unslubbed filling, August 22, 1955
- 40 Comparative Combed performance and yarn properties of the New Whitin Model J 7B Comber and conventional Saco-Lowell 140 Comber, Project #305, January 23, 1967

- 41 Comparative Construction and quality levels of Type 128 and 190 sheets from Springs and competitors before and after one laundering. Re: letter from Mr. Norman S. Primrose to Mr. F.H. Martin dated January 10, 1955, February 2, 1955
- 42 Comparative Cooking and Slashing qualities of Size Cooked from Clinton and Hubinger Pebble Starch and starch from the Fort Mill Lorry, December 5, 1958
- 43 Comparative Effects on Carding and Spinning quality of adding 25% Pneumafil waste to Lancaster Carded yarn mix, Project #352, September 11, 1968
- 44 Comparative Effects of Crosrol Carding and Pima Cotton at 20 and 40 pounds per hour and regular metallic carding at 20 pounds on carding, yarn and fabric quality #281, April 2, 1964
- 45 Comparative Effects of Crosrol weight on a Lancaster Card with Plexico Experimental Wire, Project #376, October 2, 1967
- 46 Comparative Heat and Light Transmissive Characteristics of some plastic paint material for glass, June 21, 1951
- 13 1 Comparative Nep Counts produced by Mill Laboratory card settings, Project #181, October 1, 1958
- 2 Comparative Performance of the Double and Conventional card and carded for combed yarns, and related memos, Project #249, October 1961-February 1962
- 3 Comparative Performance of the Lancaster 20.5 pound per hour card with Abington, Crosrol, and Aldrich pressure devices, Project #263 (Supplement), November 27, 1962
- 4 Comparative Performance of three card web doffing systems for Polyester staple, Project #309, December 7, 1966
- 5 Comparative Power Consumption and ends down per 1000 spindle hours of Marquette spindles with and without pneumafil compared to F&J #11 spindles with and without pneumafil, no date
- 6 Comparative Processing and Product quality of the intimate (picker) blend and the present drawing blend of 50% Kodel (1&1/2" staple, 1.5 denter) 50% carded cotton per single style 707 at the Lancaster Plant, Project #368, March 10, 1969
- 7 Comparative Processing, yarn, and fabric properties of American Viscose (FMC) and Kodel IV Regular Modulus Polyester Staple, March 7, 1967
- 8 Comparative Quality and specification levels of White, finished, 136x60 Broadcloth from Gayle, Eureka, Springsteen, Kershaw, Kendall, and Berkshire Plant, Re: letter, Primrose to Martin, dated November 19, 1956), November 30, 1956
- 9 Comparative roving uniformity of .60 H.R. made on a 12x6 slubber with regular J-490 top roll covering and .60 H.R. made with Armstrong #728 top roll covering August 24, 1954
- 10 Comparative roving and yarn qualities of 2.00 Hank Roving made on Saco-Lowell J-3, FS-2, and Whitin Interdraft Frames, Project #89, March 20, 1953

- 11 Comparative Roving and yarn qualities from a three roll conventional slubber and two roll slubber producing .60 H.R., -unpublished, August 26, 1954.
- 12 "Comparative Roving and yarn quality from three top cones for 12x6 slubber." August 3, 1954
- 13 Comparative Roving and yarn quality produced from single and double drawing for carded 21.5's warp yarn, October 6, 1953
- 14 Comparative Roving and yarn quality produced by two and three roll slubbers, Project #121, May 6, 1955
- 15 Comparative Slashing and weaving qualities of carded yarn slashed with two brands of dry size compounds and wattles #22, October 15, 1953
- 16 Comparative Slashing and weaving qualities of combed yarn slashed with two brands of dry size compounds and wattles #144-S, December 15, 1953
- 17 Comparative Slashing and weaving qualities of Fort Mill combed warps slashed with regular Seydel-Wooley and special wattles products, December 29, 1953
- 18 Comparative Slashing and weaving qualities of Gayle 22's wraps slashed with size mixtures containing 17.5 and 19.5 oz. solids (starch) per gallon, July 6, 1953
- 19 Comparative Slashing and weaving qualities of Kershaw warps slashed with Seydel-Wooley Seyco #20 and with hards "Caro-Gant." Project #91, April 22, 1953
- 20 Comparative Slashing and weaving qualities of Springsteen warps slashed with wattles #144 and Seydel-Wooley Seyco #20, July 6, 1953
- 21 Comparative Slashing and weaving qualities of warp slashed with size made by conventional cooking and homogenization, Project #65-C, March 2, 1950
- 22 Comparative Slashing and weaving qualities of warp slashed with size made by conventional cooking and homogenization, Project #65-D, April 11, 1950
- 23 Comparative Slashing and weaving qualities of warp slashed with Stanley starch with Hubinger, O.K. Starch, Project #L-1, March 27, 1952
- 24 Comparative Slashing and weaving qualities of warp slashed with Stanley starch with Hubinger, O.K. Starch, Project #L-2, May, 8, 1952
- 25 Comparative Slashing and weaving qualities of warp from regular thin boiling corn and pearl corn starch size mixes, Project #104, Tests 1-4, Comparison of warps slashed with thin boiling corn and regular thin boiling corn starch, July 28-August4, 1954
- 26 Comparative Slashing and weaving qualities of warp slashed with size mixtures containing different concentration fats, Project #90, April 14, 1953
- 27 Comparative Slashing and weaving qualities of yarn slashed with Fort Mill Plant regular size mix containing Seycotal and Seyco #15 replaced by wattles #60 and wattles #85, Project #87, no date

- 28 Comparative Slashing and weaving qualities of yarn slashed with Gayle Plant regular size mix using a 500 pound finisher squeeze roll and a 600 pound finisher squeeze roll, April 21, 1953
- 29 Comparative Slashing and weaving qualities of yarn slashed with Springsteen size cooked according to standard practice and the same size broken down mechanically by using a Manton-Gaulin homogenizer, Project #65A, January 1-, 1950
- 30 Comparative Slashing and weaving qualities of yarn slashed with Springsteen size cooked according to standard practice and the same size formula broken down mechanically to an equal viscosity by using a Manton-Gaulin homogenizer, Project #65B, February 1, 1950
- 31 Comparative Slashing and weaving qualities of yarn slashed with intersize and with Lancaster regular 112x60 size mix, Project #47 (initiated by Mr. King and Mr. Gaffney), August 30, 1948
- 32 Comparative Slashing and weaving qualities of yarn slashed with Lancaster regular size mix and special size mixture, Project #49.5, October 1, 1948
- 33 Comparative Sliver, roving, and yarn qualities produced from 51.5 and 60.0 grain finisher drawing sliver on carded 21.5's warp at the White Plant, October 22, 1953
- 34 Comparative Sliver, roving, and yarn qualities produced by one and two process drawing for carded 30.5's warp yarn, November 17, 1954
- 35 Comparative Sliver and yarn properties of 65% Kodel-35% Cotton yarns processed through Saco-Lowell versa-matic and idea drawing frame, Project # 290, June 33, 1965
- 36 Comparative Sliver and yarn produced by high speed card processed through booth ever level coiler as one process drawing vs. normal two process ideal drawing, Project #303, May 4, 1966
- 37 Comparative Sliver and yarn produced by four (4) types of finisher drawing frames, Project #383, October 7, 1969
- 38 Comparative Sliver and yarn resulting from the use of individual Marquette continuous vacuum strippers and intermittent stripping, Project #69, April 10, 1950
- 39 Comparative Spinning qualities of 30's warp yarn made from double 3.45 Hank Roving on Roth spinning and double 2.50 hank Roving on the Shaw spinning, Project #49 (Suggested by W.E. Crenshaw), August 24, 1948
- 40 Comparative Spinning quality of seven samples of spinning cots, Project #88, March 24, 1953
- 41 Comparative Spinning quality of three samples of spinning cots, Project #126, July 13, 1955
- 42 Comparative tests Grey and Pepperell finish (Opelika, Ala.) Fort Mill 90" 68x72-1.21. From some roll of Grey goods, March 19, 1948
- 43 Comparative uniformity of car sliver delivered to sliver cans with and without coil springs, June 13, 1950
- 44 Comparative warp stops and weaving efficiency of "special 4.00 TM" warps, "Special 4.21 TM" warps, and "regular" warps, July 31, 1950

- 45 Comparative waste and Nep levels for Kershaw and Eureka cards, October 9, 1956
- 46 Comparative weight and cloth strength Springsteen style 211 and S-215 with 38's filling style 215 Grey-38's filling 41&1/4" 136x60-3.48, September 2, 1954
- 14 1 Comparative yarn and fabric properties of Tennessee Eastman, DuPont, and Celanese Polyester fibers for 15's filling in "bottom" weight Twill fabrics, Project #316, May 8, 1967
- 2 Comparative yarn properties produced by three lines of rieter and three lines of ideal drawing from 50's from 65-35 Kodel-Cotton staple blend, Project #310, December 20, 1966
- 3 Comparative yarn qualities of carded 21.5's all cotton, produced by the cotton mix and processing produced by the cotton mix and processing procedures at Fort Mill, White, and Frances Plants, Project #382, October 16, 1969
- 4 Comparative yarn qualities produced by a picker (intimate) blend and a drawing blend of Avril and cotton, Project #376, April 11, 1969
- 5 Comparative yarn qualities produced on Roberts drafting system with staple and American cradles, project #372, April 11, 1969
- 6 Comparative yarn qualities produced by Coller Roller Bearing and solid bearing top toll arbors, related memos, January-August 1954, no date
- 7 To compare the card Nep count, breaking strength, and yarn appearance grade of cottons from the Lancaster Mill mix with the Memphis and California components of the same mix, Project #13, May 19, 1947
- 8 To compare and determine spinning qualities of components of the regular Lancaster Plant cotton mix as of February 15, 1947, Test #31, February 27, 1947
- 9 To compare effects on spinning quality of Lancaster and Kershaw opening, picking, and carding process with tow grades of cotton, Project #36, May 5, 1948
- 10 To compare the quality of 30.5' warp yarn produced by one and two zone drafting at spinning with overall drafts of 50, -unpublished, no date
- 11 Comparison of 1.30 H.R. produced with regular front condensing trumpet with 3/8" opening, May 24, 1955
- 12 Comparison of 30's yarn spun on laboratory H&B, 3&1/2" gauge frame from Fort Mill Plant, 75 Hank Roving, using the regular J-490 cots and arbors, with the Cole precision rolls, mounted with J-490, September 10, 1953
- 13 Comparison of 30.5's yarn spun on Saco-Lowell Shaw Whitin, H&B regular and Saco-Lowell Roth for breaking strength and yarn appearance grade. Yarn spun from 3.50 HK. Roving x2 made on Whitin Interdraft from 50 gr. finisher drawing sliver, June 16, 1949
- 14 Comparison of 34-29 top and bottom plate setting with 29-29 top and bottom plate setting on the card (for Mr. Beaver), no date

- 15 Comparison between conventional 4 roller drawing and flex 2 over 3 drawing installed by Southeastern Engineering Co. in the Fort Mill Plant, April 29, 1953
- 16 A comparison between ideal and Reiter frames on breaker drawing, Memorandum: Mr. E.J. Hinson, January 29, 1964
- 17 A comparison between Landis "stripless" spilt-top flats and Ashworth split-top flats, -unpublished, January 23, 1961
- 18 A comparison between the superior cleaner and the vertical opener in the Fort Mill Plant, November 7, 1954
- 19 Comparison of card, breaker drawing and finisher drawing sliver variation from card sliver made on cards with and without sliver condensers, January 13, 1953
- 20 A comparison of card waste, Nep count and card sliver variation of three card clothed with different types of flexible wire and two of the above cards with metallic wire on the Doffer and flexible wire on the cylinder, - unpublished, November 9, 1955
- 21 Comparison of carding qualities of Eureka picker laps made with and without the addition of 4% Kershaw card strips, Project #35, April 24, 1948
- 22 Comparison of the carding qualities of two type of card licker-in wire, October 21, 1953
- 23 Comparison of carding and spinning properties of card sliver made on cards with and without continuous stripper, project #C-5, April 1, 1949
- 24 Comparison of carding and spinning qualities of Fort Mill #1 laps made with picker productions of 250 and 476 pounds per hour, Project #37, May 11, 1948
- 25 Comparison of carding and spinning quality f yarns made from two beater picker lap, three beater picker laps and laps made on the laboratory Kirschner beater picker, project #28, Lab Test #103, Test lots #580-584 inclusive, October 18, 1947
- 26 Comparison of the cloth strength (filling) of fabrics the yarns for which were made from 2.25 Hank Roving single, 2.50 Hank Roving single and 4.50 Hank Roving double , Project #42 (suggested by Mr. Crenshaw), July 15, 1948
- 27 Comparison of the coefficient of friction between top spinning rolls and buffed and top spinning rolls washed in a 1% solution of Boraxom, July 21, 1955
- 28 Comparison of construction and quality of Grey good from Sagamare with similar with Kershaw combed cloth, March 30, 1953
- 29 Comparison of drawing sliver, roving, and yarn quality produced by an ideal drawing frame at 177 feet/minute, and a conventional Saco-Lowell drawing frame at 162 feet/minute, Project #136, December 2, 1955
- 30 Comparison of the effect on size pick-up and shedding of warps with a Raybestos-Manhattan rubber squeeze roll and a Dayton rubber squeeze roll, November 13, 1956

- 31 Comparison of the effect of three combinations of opening machinery in the Kershaw Plant upon the carding and spinning quality of the resulting yarns, Project #29, Lab test #101, Sample lots #574, 575 & 576, October 30, 1947
- 32 Comparison of the effects on breaker and finisher drawing variation, roving and yarn quality due to close roll settings on breaker and finisher drawing and 12x6 slubber as compared to the regular roll settings, - unpublished, March 18, 1955
- 33 Comparison of the effects on roving and yarn quality due to #728 slubber cots with a Durometer hardness of 65 and NC-727 slubber cots with a Durometer hardness of 83. Both type cots are from Armstrong, March 1, 1955
- 34 Comparison of the effects on yarn due to three types of top spinning roll materials. Armstrong Blue P-698, 1&1/6" face, 171/16" and 15/16" diameter with a share hardness of approximately 60; Armstrong Green P-693, 1&1/16" and 15/16" diameter with a share hardness of 70; Armstrong J-490, 1&1/2" face, 1&1/16" diameter with a share hardness of approximately 85, -unpublished, no date
- 35 Comparison of filling yarn defects/100 yards of filling yard made with single and double roving, February 16, 1953, March 5, 1953
- 36 Comparison of finished sample of competitor's carded broadcloth with L-1736, 41" 97x58-3.70, Re: letter from Mr. Hubbard to Mr. Martin dated September 9, 1955, September 14, 1955
- 37 Comparison of finished sample identified sample identified as rice-stix with Springs Lanmark (L-1373) 37" 100x58-4.00, Re: letter from Mr. Primrose to Mr. Martin dated June 15, 1955, June 22, 1955
- 38 Comparison of finished sample of Japanese broadcloth with E-302 41&1/4" 136x60-3.055, Re: letter from Mr. Primrose to Mr. Martin dated November 7, 1955, November 11, 1955
- 39 Comparison of finished sample of Steven's Brassiere fabric with K-438 45.5" 144x76-2.68 Super Kerbra, and K-438, 3% Preshrunk super veluabra, Re: letter from Mr. Primrose to Mr. Martin dated June 15, 1955, June 21, 1955
- 40 Comparison of finished sample of 109x58 from Thomaston, Sayles-Bittmore with S/1793, 42" 109x58-3.13 samples submitted by Mr. Logan, June 6, 1955, June 16, 1955
- 41 Comparison of Fort Mill .75 Hank Roving and 1.50 Hank Roving, and Lancaster 1.00 hank Roving from the J-3 and FS-2, on both the Fort Mill and Lancaster Uster tester. All tests run in slot #2 with approximate average value of 4.00, December 8, 1953
- 42 Comparison of Fort Mill Plant 32's combed yarn from H&B and New Whitin frames for skein strength, yarn grade and yarn uniformity. Five bobbins from each side of the five frames were taken from both the H&B and New Whitin frames. This test was requested by Mr. McKee, samples take August 16, 1955, August 18, 1955

- 43 Comparison of Grey cloth construction and defect level made at Grace Bleachery on Springs L-1854, 42" 109x58-3.16, and 3.16 and J.P. Stevens 40" 112x64-3.50 (Springs S/7158), Re: Letter from Primrose to Martin dated January 25, 1955, February 4, 1955
- 44 Comparison of Grey goods (100x60) from Springs and competitors, Re: letter from Mr. Primrose to Mr. Martin dated September 27, 1955, October 4, 1955
- 45 Comparison of Hollingsworth metallic card clothing with 14 points per inch and 20 points per inch, Project #1 Lan.-58, September 5, 1958
- 46 Comparison of improved and conventional grid sections in the #12 lattice opener, June 20, 1950
- 47 Comparison of life and size pick up of Side's slasher cloth, Orr's slasher, and Springfield's slasher cloth on Gayle Plant #1 slasher, slashing 15's warp yarn, March 12, 1953
- 48 Comparison of the multiple processing characteristics of two cotton types when opened in the vertical opener and the superior cleaner, Project #101, November 23, 1953
- 49 Comparison of Nylon (17%)-cotton (83%) blend and 100% cotton. Nylon-cotton blend was made both by blending at picker and blending at draining, comparison of twill, 1951-1953
- 50 Comparison of one and two process drawing at White Plant-21.5's spun at White Plant and on laboratory H&B, August 10, 1953
- 51 Comparison of the operation characteristics and cost of several natural and synthetic materials for loom shock mountings, Project #66, December 20, 1949
- 52 Comparison of the operational characteristics (speeds and power consumption) of three brands of 1/2" spinning tape, Project #57, July 27, 1949
- 53 Comparison of the operational characteristics (speeds and power consumption) of two types of spinning frame spindles, Project #58, August 10, 1949
- 54 Comparison of processing qualities of picker laps made in the spinning laboratory and in the individual mill opening and picking lines, cotton taken from each plants regular mix, Project #14, June 13, 1947
- 55 Comparison of regular flexible card flats and double flats made in Sweden with a 26-32 convex wire, Project #172, May 27, 1958
- 56 Comparison of roving variation of Lancaster and Fort Mill 1.00 H.R. Lancaster roving was run both on Fort Mill and Lancaster Uster testers, October 22, 1953
- 57 Comparison of roving and yarn made from single and double process drawing, August 18, 1953
- 58 Comparison of roving and yarn quality due to 12x7 German flyers and 12x7 Saco-Lowell flyers, -unpublished, October 5, 1956
- 59 Comparison of sliver, roving and yarn made from one and two process drawing at the White Plant, requested by Colonel Springs, August 19, 1953

- 60 Comparison of spindle speeds and power consumption on spinning frame equipped with nylon and cast iron bolsters, November 17, 1949
- 61 Comparison of the spinning properties of 30.5's warp yarn spun on three Roth spinning systems from the same roving, Project #60, August 17, 1949
- 62 Comparison of spinning properties of laps from Lancaster pickers #21 and #22, Project #30, Lab test #120, Test lots #655-656, Initiated by Mr. E.L. Skipper, November 30, 1947
- 63 Comparison of spinning properties of yarn sup from four combinations of Gayle drawing, Project #38, May 21, 1948
- 64 Comparison of spinning qualities of .70 H.R. before and after changing slubber roll setting, Project #C-6, and related memos, June 19, 1950
- 65 Comparison of the spinning qualities of 30's warp yarn from 1.50 Hank Roving (single) and 3.55 Hank Roving (double) at the Eureka and Lancaster Plants, Project #45, July 29, 1948
- 66 Comparison of spinning qualities of 40's filling spun from single 2.50 and 2.90 Hank Roving, Project #45, July 29, 1948
- 67 Comparison spinning qualities of 100% Gayle Cotton mix, 83&1/3" Gayle cotton 16&2/3" Kershaw toppings (flat strops) and 50% Gayle cotton 50% Kershaw toppings, Laboratory tests #68, lots #417-420 inc., August 22, 1947
- 15 1 Comparison of spinning qualities of cotton samples taken after each stage of the opening and picking process, Lancaster Plant Project #58, lots #74-385 inc., (Re: Col. Springs letter to Mr. O'Neal May 22, 1947), July 14, 1947
- 2 Comparison spinning qualities of four lots and Lancaster cotton processed on separate vertical opener combinations, Project #21, Lab test #68, lots #417-420 inc., August 22, 1947
- 3 Comparison of the spinning qualities of Lancaster cotton mix 100% and Lancaster cotton mix when blended with 3%, 12&1/2%, 25%, and 50% of fly waste from spinning scavenger roll, Project #17, Lab test #67, lots 412, 413, 414, 415, 416, July 30, 1947
- 4 Comparison of the spinning qualities of Lancaster cotton mix 100% and Lancaster cotton mix when blended with 3%, 12&1/2%, 25%, and 50% of Lancaster W-3 reworking roving waste, Project #18, Lab tests, #67&71, lots #412, 429-433 inc., August 7, 1947
- 5 Comparison spinning qualities of raw cotton, cotton from two beater (2 blades) picker and from three beater (2 blades) picker from all plants, Project #16, Lab tests #54-57 & 60-62, lots #360-373 & 388-396, Re: Mr. Skipper's letter to Plant managers, may 21, 1947, July 22, 1947
- 6 Comparison of spinning qualities of Springsteen cotton mix processed on six combinations of opening equipment, Project #20, Lab test #68, Test lots ##465-470 inc., August 12, 1947
- 7 Comparison of the spinning qualities of three drafting systems for 30's and 21's warp yarns. 6th part of a series of spinning frame comparison.

- Suggested by Col. Springs and Mr. Crenshaw, Project #59-G&H,
November 15, 1949
- 8 Comparison of spinning qualities of three lots of Memphis Middling
cotton staple length $1\frac{1}{32}$ ", $1\frac{2}{32}$ " and $1\frac{3}{32}$ ", Lab test #141,
February 28, 1948
- 9 Comparison of spinning qualities of three types of drafting systems at total
drafts of 17.39 and 50. Project #59-C (Third part of a series of spinning
frame comparisons) suggested by Col. Springs, November 1, 1949
- 10 Comparison of spinning qualities of three types or drafting systems at total
drafts of 18 and 30. (Forth part of a series of spinning frame comparisons),
Project #59-D, October 3, 1949
- 11 Comparison of the spinning qualities of three types of drafting systems at
total drafts of 20 and 50, Project #59-A (First part of a series of frame
comparisons), August 16, 1949
- 12 Comparison of the spinning qualities of two Casablanca type drafting
system on 30's warp yarn with a total draft of 50. (Seventh part of a series
of spinning frame comparisons), Suggested by Col. Springs, Project #59 I-
J, December 2, 1949
- 13 Comparison of the spinning qualities of two Casablanca type drafting
system on 30's warp yarn with a total draft of 50 for 30's warp yarn,
Project #59-B (Second part of a series of spinning frame comparisons),
October 25, 1949
- 14 Comparison of the spinning qualities of two Casablanca type drafting
system on 30's warp yarn with a total draft of 50 for 30's warp yarn. (Fifth
part of a series of spinning frame comparisons), Project #59-E&F,
November 11, 1949
- 15 Comparison of the spinning and weaving qualities of 30.5's warp yarn
made with 3.78 T.M. and 4.23 T.M., Project #77, May 21, 1951
- 16 Comparison of the spinning and weaving qualities of 52's filling made on
Roth and Shaw spinning systems from Saco-Lowell and Terrell combined
sliver at the Kershaw Plant, Project #46 (suggested by Mr. W.E.
Crenshaw), August 13, 1948
- 17 Comparison of two lines opening and picking at Fort Mill #1 Plant,
Fort Mill, SC, Project #10, January 31, 1941
- 18 Comparison of two types of oil remover on T-180 combined
sheeting at Fort Mill Plant, January 16, 1956
- 19 Comparison of warps slashed with thin boiling corn starch and
warps slashed with corn pearl starch, April 24, 1956
- 20 Comparison of waste, card Neps and yarn quality of samples with
0%, 6%, and 12% Egyptian card strips added to Mississippi
M-6.5 cotton, October 22, 1954
- 21 Comparison of weaving characteristics of dresses from fabric
identified as Kalla, Lavana, Polly Sheen, and S-204 from
Mr. Robert Amory, Project #85, October 28, 1952

- 22 A comparison of White Plant's 22's filling made with a J-490 and SG-60 roll covering materials using different type front steel rolls. (Requested by Mr. Flowers) Reported on machinery development, November 11, 1959
- 23 Comparison of White Plant's 22's filling with and without the use of condensers in the front drafting zone, -unpublished, July 26, 1955
- 24 Comparison of yarn quality produced by new and old spinning aprons, and by chlorinated old aprons, Project #179, September 12, 1958
- 25 Comparison of yarn spun using J-490 spinning cots with 5/8" diameter holes, February 27, 1956
- 26 Comparison of yarn strength of 40's filling due to Marquette top drive spindles and draper clutch type spindles, unpublished, March 29, 1956
- 27 Comparison of yarn strength, grey, and finished filling style L-1853 due to Marquette top drive spindles and draper clutch type spindles, -unpublished, February 26, 1956
- 28 Comparison of yarn uniformity and break factor of Lancaster Plant yarn made with J-490 and L-1658 B cots, August 31, 1954
- 29 A consideration of some cases of wear of taper in the top drive filling spindle, related memos, 1956-1957
- 30 A consideration of some facts influencing package weights, Project #183, December 16, 1958
- 31 A consideration of variables in high draft spinning, Project #81, September 24-December 14, 1951
- 32 Conversion of the Saco-Lowell sliver tester to electrical recording, no date
- 33 Cotton fiber and processing test results crop of 1961 US Department of Agriculture, Agricultural marketing Service, August 4, 1961
- 34 Cotton fiber quality and current domestic mill requirements SC maybe, Jr., Jim N. Little and Earl E. Berkley, no date
- 35 Dazzle S/215 vs. S/302, October 8, 1954
- 36 Defective sheet and pillowcase damage description, no date
- 37 Definitions commonly used in statistical quality control, no date
- 38 Determination of the maximum card production rate at which quality carding can be maintained with metallic car wire at the Lancaster Plant, Project #244, September 27, 1961
- 39 To determine the deviation in the yarn numbers both before and after an improvement in bale blending in the picker room, May 17, 1960
- 40 To determine the effects of change of surface speed, top roller weighting, and grain sliver upon the spinning qualities of the resulting yarns, Project #32, Lap test #126, 128, &129, Test lots #683-689, 690-697, &698, December 19, 1947
- 41 Development of fire retardant apparel fabrics for sleepwear uses, Project #409, September 9, 1971
- 42 Development of the novelty nub yarn for the apparel fabrics division, Project #414, January 11, 1972
- 43 Draft distribution, November 6, 1950

- 44 Draft distribution on drawing before and after combing at Fort Mill and Eureka Plants, no date
- 45 "Drafting force measurement as an aid to cotton spinning" by John S. Graham and Charles K. Bragg, Textile Research Journal, March-May 1972
- 46 Draper Spinner Electrostat, April 1968
- 47 Dupan and 420 Nylon (sheeting), Project #322, no date
- 16 1 Eccentricity (in 1/1000") of front, middle, and back rolls in 12x6 slubbers in Lancaster Plant. Readings were taken with a dial micrometer at each stand. A reading was taken at the left, middle, and right side of each stand of each of the three rolls, November 4, 1952
- 2 Effect of adding known concentration of oily spinner ball waste to the cotton mix, Project #31, Suggest by M.C.L. Still, December 1, 1947
- 3 Effect on additional brace on loom vibration, January 10, 1950
- 4 Effect on blooming (opening) on spinning qualities of regular Lancaster cotton mix, Project #22 Lab test #81, Test lots #477 and 478, verbal instructions Mr. E.L. Skipper, September 4, 1947
- 5 The effect on card Nep count of four cotton mixes containing different percentages of fine, yellow tagged bales of cotton, October 15, 1956
- 6 The effect on card Nep count of four cotton mixes containing different percentages of red tagged bales, November 5, 1956
- 7 Effect of card speed and production rates on card Nep count, card waste, yarn appearance grades, skein strength and Nep count, Project #12, April 17, 1947
- 8 Effect of the card stripping cycle on card Nep count, Project #145, September 4, 1956
- 9 The effect on card waste, Nep count, yarn grade, and cloth quality due to a .034 licker-in screen, nose setting compared to a setting of .125, -unpublished, May 4, 1954
- 10 Effect of carding and spinning quality of 30.5's warp yarn on feeding 6 and 8 ends at breaker and finisher drawing, Project #62, September 16, 1949
- 11 Effect of changes in card production rates on Crosrol card with Pima cotton, Project #307, November 23, 1966
- 12 Effect of changes on twist in the yarn upon the resulting skein strength, yarn grade, yarn count and cloth breaks, Project #23, September 16, 1947
- 13 Effect on finished goods due to use of rust contaminated cotton, May 2, 1950
- 14 The effect of grooved top rolls as a cause of cockled yarn on Roth spinning, May 31, 1950
- 15 Effect on the loom vibration and load variation due to use of 3/4 h.p. motor with three weights of flywheels and without flywheels, May 9, 1950
- 16 Effect of multiple processing through Kirchner beater picker upon the carding and spinning quality of the resulting yarns, Project #26, Lap test #93, Lots #535-539 inclusive, October 8, 1947

- 17 The effect of newly buffed rolls compared to the effect of rolls that had not been buffed for two to six months on breaker and finisher drawing variation, roving and yarn variation, yarn strength and grade, July 5, 1954
- 18 Effect on production uniformity compression card calendar rolls, January 8, 1954
- 19 Effect of quality due to running a Kirchner beater in the intermediate section of the place of a two blade beater, unpublished, April 8, 1954
- 20 Effect of a range of Hank Rovings on yarn strength and appearance grade when drafted on the Shaw spinning system from double Rovings, Project #44, July 27, 1948
- 21 Effect of a range of Roth slip-roll weights on the skein strength and uniformity of the yarns being spun, Project #63, September 21, 1949
- 22 Effect on roving uniformity due to varying the front top roll overhand, February 25, 1954
- 23 Effect of single and double roving on the spinning qualities of 30's warp and 42's filling, Project #43 (suggested by Col. Springs) July 20, 1948
- 24 Effect of single and double roving on the spinning qualities of 41's combed warp spun on Roth system, Project #56, June 21, 1949
- 25 Effect of single and double roving on the spinning qualities of 41's combed warp spun on Roth system, Project #61, August 26, 1949
- 26 Effect on sliver uniformity (evenness) of varying the settings on breaker and finisher drawing, Project #55, July 1, 1949
- 27 Effect of slowing carding upon the spinning qualities of waste blends, Project #39, June 22, 1948
- 28 Effect of sodium bicarbonate on spinning and finishing qualities of cotton yarn, Project #48, (suggested by Mr. C.L. Still), September 9, 1948

- 29 Effect of speeds of 635 R.P.M. and 749 R.P.M. at the vertical opener on waste removed by opening, picker, and carding, card Nep count, skein strength and yarn, appearance grade, Project #19, Lab test #82, Lots#479 and 480, August 9, 1947
- 30 Effects of spinning draft on the quality of 41's carded made from 2.90 Hank single Roving, June 9 1950
- 31 Effect of spinning room humidities of 55%, 65%, and 75% relative on laps up and yarn quality. Tests were also made to determine effects on laps up of adding oil to front roll at 55% humidity level, Project #84, November 14, 1952
- 32 Effect of twist changes on the strength of 30's yarn spun from 1&9/16" French Dull Rayon Staple, Project #40, June 19,1948
- 33 Effect of varying the setting of the picker beaters to the new S.L. Fringe roll on two beater Saco-Lowell pickers, Project #53, April 12, 1949
- 34 Effect of 0%, 2%, 4%, 8%, and 16% added reworked spinning scavenger roll waste to the regular Eureka Plant cotton mix upon the carding and spinning qualities of the resulting yarns, Project #27, Lab test #102, Test lots #575-579 inclusive, October 1, 1947
- 35 Effect of 0%, 2%, 4%, 8%, and 16% added reworked W-3 removing waste upon the carding and spinning quality of the yarns from Lancaster regular Mill cotton mix , Project #25, Lab test #89, Test lots #512-515 inclusive, September 20, 1947
- 36 The effects of .60 H.R. and 30.5's warp yarn quality due to varying break drafts and extra roll weighing on a 12x6 Saco-Lowell slubber, -unpublished, October 29, 1956
- 37 Effect of changes in the total draft on the skein strength and yarn uniformity of 30's warp yarn spun on three spinning systems, Project #54, June 16, 1949
- 38 Effects on finished goods due to use of rust contained cotton, May 2, 1950
- 39 Effects on humidity changes on the spinning properties of four types of cotton, Project #34, April 13, 1948
- 40 Effects on power consumption and spindle speed variation of using rubber covered and regular cotton bands on filling spindles, April 20, 1949
- 41 Effects of a range of spinning drafts on the amount of spinning fly waste produced using scavenger roll under clearers, suggested by Col .Springs, Project #97, September 24, 1953
- 42 Effects of a range of twits on the strength and uniformity of Lancaster 31's carded warp yarn, Project #230, February 6, 1961
- 43 Effects on a roving and spinning quality of varying the roving break drafts and roll settings, Project #73, August 29, 1950
- 44 Effects of using rain grown cotton to replace irrigated cotton in Kodel-cotton blends, Project #313, March 21, 1967
- 45 Effects of varying the weight of picker laps and card sliver, Project #33, March 2, 1948

- 46 Effects on yarn quality caused by the addition of reworkable polyester/cotton waste, Project #317, May 22, 1967, and Project #317-supplement, August 15, 1967
- 47 Eureka roving stretch analysis No. E-6, 1961 series, September 28, 1962
- 48 To evaluate the effects on yarn quality caused by a heavy (19 oz.) feed weight, Project #308, November 25, 1966
- 49 Evaluating of 25% nylon-75% carded Muslin sheeting for wash wear finishing, Project #322, August 30, 1967
- 50 Evaluation of 30% polyester-70% carded cotton blends for type 128 (80" 64x64-1.58) Muslin sheeting, Project #342, April 15, 1968
- 51 Evaluation of 100% fiber "40" (Avril) as filling in wash and wear combed broadcloth fabric-supplement to Project #237, October 9, 1961
- 52 Evaluation of 60's bright Kodel 421 filling (100%) in Elliot style 638 and style 794 warps, Project #358, October 11, 1968
- 53 Evaluation of 60's Semi-Dull Kodel 421 filling (100%) in Eureka style 626 and style 794 warps, Project #353, September 13, 1968
- 54 Evaluation of American viscose (FMC) permanent flame retardant Rayon stable for sleepwear uses, Project #421, April 11, 1974
- 55 Evaluation of American viscose permanent fire retardant (PFR) Rayon 3.0 D/F, 19/16" staple for use in blankets, Project #380, November 5, 1969
- 17 1 Evaluation of the BD-200 M69 open-ended spinning machine. Joint project with North Carolina State University at Raleigh, Project #392-A, February 3, 1971
- 2 Evaluation of the Bd-200 M69 open-ed spinning machine-joint project with North Carolina State University at Raleigh, Project #392-A, February 3, 1971
- 3 Evaluation of the Bd-200 M69 open-ed spinning machine-joint project with North Carolina State University at Raleigh, Project #392-A, February 5, 1971
- 4 Evaluation of Beaunit High wet modules Rayon blended 50% with Kodel 421, 1.50 d/f, 1&1/2" polyester staple, Project #394, June 19, 1970
- 5 Evaluation of Beaunit and Tennessee Eastman polyester 30% and cotton 70% for low-level "non-iron" Muslin type 128 sheeting, Project #330, December 6, 1967
- 6 Evaluation of Beaunit "tough stuff" high tenacity polyester staple for low level polyester, cotton "non-iron" T-128 Muslin sheets, Project #325, September 12, 1967
- 7 Evaluation of blends of 3.2 d/f type 360 Hystron "trevira" polyester staple with Avril, and with combed cotton for heavy eight apparel fabrics, Project #370, April 11, 1969
- 8 Evaluation of blue "C" (chemstrand) polyester fiber, 1.5 d/f, 1&1/2" staple blended 50% with 50% combed 1&3/32" cotton, Project #356, September 26, 1968
- 9 Evaluation of Celanese type 312 Fortrel polyester in a 50/50 carded intimate blend for Muslin sheeting, Project #388, February 9, 1970

- 10 Evaluation of Celanese type 405 experiments low-temperatures
dyeing polyester staple, Project #401, January 27, 1971
- 11 Evaluation of course denier Kodel-Avril blends for apparel fabrics
(styles 44823 and 44824), Project #369, March 10, 1969
- 12 Evaluation of course denier Kodel-Avril blends for apparel fabrics
(style 44886 and 44892), Project #375, June 1969
- 13 Evaluation of Creslan-cotton blends for Lancaster style 1226 Poplin (15's)
and Eureka's combed style 4248 broadcloth (28's), Project #240, October
20, 1961
- 14 Evaluation of Dacron 809 Trilobal polyester blends, Project #377,
Project status #47, May 26, 1969
- 18 1 Evaluation of DuPont 420 nylon in T-128 Muslin sheeting, Project
#328, October 9, 1967
- 2 Evaluation of DuPont D-428, T-83 (high cover) Trilobal polyester staple
for type 180 (46.6" 92x82-2.96 wondercate sheeting, Project #321, August
30, 1967
- 3 Evaluation of DuPont Dacron type 106W (high tenacity) polyester in a
50/50 carded intimate blend for Muslin sheeting, project #397, September
14, 1970
- 4 Evaluation of the effects of three spinning frame variables on the yarn
quality and spinning performance of an Avril-polyester blend yarn, Project
#346, May 1, 1968
- 5 Evaluation of eight types of spinning drafting systems, Project
#216, October 3, 1960
- 6 Evaluation of elements of the Plexico card, Project #33, December
14, 1967
- 7 Evaluation of fiber "40" (Avril)-cotton blends for resin and non-resin
treated carded and combed broadcloth, Project #237, August 21, 1961
- 8 Evaluation of the "fiber retriever" at Lancaster and White Plants on regular
cards at 13 and 21 pounds per hour and on the Crosrol cards at 45 pounds
per hour, Project #275 (supplement), August 8, 1963
- 9 Evaluation of four (4) processing procedures for polyester-cotton warp
yarn for filament filled fabric, Project #385, January 9, 1970
- 10 Evaluation of the "Grap" licker-in sharpener of White Plant's
carded mix, Project #296, December 12, 1962
- 11 Evaluation of the ideal drop pressure flyers at the Fort Mill Plant,
Project #232, April 10, 1961
- 12 Evaluation of Japanese "Toray" polyester type 402, 1.50 d/f, 1&1/2"
staple, high tenacity, semi-dull fiber, Project #405, March 3, 1971
- 13 Evaluation of Katherine Plant's chute feed cotton cards and one line of
evener drawing for intimate polyester/carded cotton Muslin yarns, Project
#399, November 9, 1970
- 14 Evaluation of Kodel-Avril and Kodel-Rayon for Muslin and
Percale sheeting's', Project #343, June 25, 1968
- 15 Evaluation of the Lummus Trashmaster Dof-Master relative to the
Varga-Crosrol, Project #27, October 3, 1967

- 16 Evaluation of the Maler flyer, project #242 and supplement, August 11, 1961, and September 7, 1961
- 17 An evaluation of the model No. 5 grid sections for superior cleaners manufactured by the Centrif-air Machine Co., Project #245, December 8, 1961
- 18 Evaluation of Monsanto WD-2 and Celanese Fortrel 461 polyester filling characteristics when compared to Tennessee Eastman Kodol types 421, 411, and 511, Project #410, September 10, 1971
- 19 Evaluation of Muslin sheeting made with American viscose (FMC) "permanent fire retardant" Rayon and polyester, Project #362, December 4, 1968
- 20 Evaluation of open-end spinning for consumer products type yarns and fabrics, Project #425, May 20, 1975
- 21 Evaluation of open-end spun fabric durability, project #425, May 20, 1975
- 19 1 Evaluation of Phillips polyester fiber (1.5 d/f, 1&1/2" staple) 100% and blended 65% and 50% with combed California 1&3/32" cotton, Project #311, January 25, 1967
- 2 Evaluation of Phillips polyester fiber (1.5 d/f, 1&1/2" staple) blended with 50% with 50% combed 1&3/32" cotton, Project #355, September 19, 1986
- 3 Evaluation of the Platt Mark III card, Project #318, July 7, 1967
- 4 Evaluation of Polyester-carded cotton blend for Lancaster Plant, Project #341, May 17, 1968
- 5 Evaluation of Polyester-carded cotton blend warps slashed by the solvent size system (joint project with Don Chemical Co.), Project #396, October 22, 1970
- 6 Evaluation of polyester/carded cotton blends for type 128 Muslin sheeting, Project #340, March 14, 1968
- 7 Evaluation of polyester staples for use in yarn dye oxford effects, Project #336, December 21, 1967
- 8 Evaluation of the Rossman Turbo Loom (RUTI), Project #350, no date
- 9 Evaluation of the Saco-Lowell rovematic frame for .56 Hank roving Project #253, March 26, 1962
- 10 Evaluation of the Saco-Lowell rovematic frame for 1.00 Hank combed roving, Project #251, January 1, 1962
- 11 Evaluation of special California (1968_ cotton grades for fiber, carding and spinning performance, Project # 364, January 22, 1969
- 12 Evaluation of special lots of obsolete Kodol staple, Project #329, January 22, 1969
- 13 Evaluation of Spinlab new production Fibrograph, Project #285-A, February 22, 1965
- 14 Evaluation of Tennessee Eastman Type IV regular and high tenacity polyester staple for low level polyester, "no-iron," cotton T-128 Muslin sheets, Project #324, September 8, 1967

- 15 Evaluation of Tennessee Eastman type 461 mid-tenacity polyester staple 1.5 d/f, 1&1/2" staple, Project #408, April 3, 1971
- 16 Evaluation of Texlin Flax (linen) 1&1/2" cut staple in three-fiber blends, Project #333, June 25, 1970
- 17 Evaluation of Texlin Flax (linen) cut staple sample, Project #320, May 30, 1967
- 18 Evaluation of the Toyoda high production card model CK-7C, Project #323, October 25, 1967
- 19 Evaluation of Whitin and Marquette spindles relation to temporary deflection and resultant blending caused by applying horizontal stress to top of spindle, Project #93, June 3, 1953
- 20 Evaluation of the Whitin, Saco-Lowell, and a combination of the Whitin and Saco-Lowell lap preparation systems, both with conventional 850 grain laps and heavy laps 1000 grains per yard, Project #250, January 19, 1962
- 21 Evaluation of yarn, fabric, and finishing performance of regular and high tenacity polyester from Tennessee Eastman and DuPont, Project #335, January 26, 1968
- 22 Evaluation of the yarn and fabric shrinkage and yarn quality of 1.5 d/f and 2.25 d/f regular and high tenacity Kodel staple for coarse count blends, Project #359, November 11, 1968
- 23 Evaluation of Zantrel-cotton blends for resin treated and non-resin treated carded and combed broadcloth, Project #236, September 7, 1961
- 24 Evaluation of Zantrel-cotton blends which were resin treated by had mercerization omitted for the finishing process, Supplement to Project #236, September 7, 1961
- 25 Experiences with high speed carding, no date
- 26 Extract from summary of fiber and spinning test results for some variations of cotton grown by selected cotton improvement group, crop of 1955 United States Department of Agriculture, Agricultural Marketing Service, Washington, D.C., February 1926, June 14, 1956
- 20 1 Fabric analysis, March-October 1972
- 2 Filament weaving, 1967-1969
- 3 Fineness tester notes and sketches, 1946-1947, no date
- 4 Five roller high draft spinning frame, 1948-1959, no date
- 5 Formula for finding total single ends in new styles, no date
- 6 Formulas used in research calculations, no date
- 7 A further consideration of the effects of horizontal stresses on spinning spindle, Project #95, August 4, 1953
- 8 A further investigation of Ant-static cots for drawing started in Project #147, dated October 26, 1956, unpublished, February 5, 1957
- 9 Gayle Plant condenser and front roll study on roving frames, no date
- 10 Gearing diagram, drafts and pattern calculations on J-1, J-3 and FS-2 speeders, August 25, 1952

- 11 Grey progress development summary of project numbers and titles,
no date
- 12 Investigation of 12" package for spinning, June 23, 1953
- 13 An investigation of Armstrong anti-static cots for combing and
drawing, Project #147, October 26, 1956
- 14 An investigation of break drafts for 1.10 Hank Roving carded, on
the Lancaster S-L, FS-2 roving frame, Project #184, November 27, 1958
- 15 An investigation of contaminants in finished sheeting, Project
#139, February 10, 1956
- 16 Investigation of the critical series of Hartford warp and filling spindles,
Roberts, and Marquette warp spindles, Project #261, July 25, 1962
- 17 Investigation of the critical series of Hartford warp and filling spindles,
Roberts, and Marquette warp spindles, Project #261, July 25, 1962
- 18 An investigation to determine to change in yarn numbers of 41's warp and
58's filling during a three hour conditioning period, April 26, 1956
- 19 Investigation to determine the optimum roll settings for the 58's
lawn mix at the Kershaw Plant, Project #393, June 8, 1970
- 20 An investigation of the drafting characteristics of five types of flutes for
7/8" black rolls for spinning, Project #185, January 21, 1959
- 21 An investigation of the effect of filling conditioner on the dyeing quality of
light twills Eureka E-95 jeans 39" 96x64-2.68, July 16, 1952
- 22 Investigation to find use of Kodel-cotton flat strip waste, Project
#376, July 10, 1969
- 23 Investigation to find use of Kodel-cotton pneumafil waste, Project
#339, no date
- 24 Investigation of grey and finished weights and size content Eureka 67
40&1/2" 74x86-2.80, Re: Memorandum from Mr. Summersby, May 12,
1949
- 25 Investigation of the Merriman lubricated spinning ring and nylon traveler-
combination for high speed spinning, Project #349, August 16, 1968
- 26 Investigation of oil spot treatments for wide sheetings, July 26, 1957
- 27 An investigation of the physical and spinning properties of Armstrong's
728 spinning cots, supplement to Project #148, March 18, 1957
- 28 Investigation of possible causes of tar of asphalt spots as found in
finished goods, Project #51, January 27, 1949
- 29 Investigation of the processing requirements for filament filled
fabrics, Project #36-365, 1969
- 30 An investigation of the Roberts 48 spindle spinning frame to determine the
cause of the pronounced periodic variation in the yarn about 3.3" as shown
by the spectrograph chart, Project #166, January 15, 1958
- 31 An investigation of the spinning and static properties of five types
of spinning cots, Project #148, January 1, 1957
- 32 An investigation of static electricity in top rolls for spinning,
Project #112, related materials, 1953-1954, no date
- 33 An investigation of style 1251 cloth weights, December 19, 1958

- 34 Investigation of two types of oil spot remover for grey goods, June 9, 1954
- 35 Investigation of use of condensers in front drafting zone for spinning of 22's and 30's yarn, Project #96, September 2, 1953
- 36 An investigation of yarn strength of 62's yarn spun with a range of twist multiples, -unpublished, march 28, 1956
- 21 1 Kershaw 58's combed for five cottons, no date
- 2 Kershaw conversion to filament filled fabric recommendations, March 23, 1970
- 3 Kershaw Pima slubs problem, 1964-1965, no date
- 4 Kodel-Avril blends for extra fine yarns (60's), Project status #44, Project #373, March 5, 1970
- 5 Kodel-Avril intimately blended 50's for a batiste fabric style 8342, 48" 94x84 (Requested by apparel fabrics division, NY), Project #406, March 18, 1971
- 6 Kodel and cotton blend tests, 1965, no date
- 7 Kodel-polyester fiber for durable press Eastman Chemical Produces Inc., bulletin, 1966
- 8 Kodel plucker tests, 1964-1965, no date
- 9 Kodel Tests: Springsteen Plant, October 8, 1965
- 10 Laboratory test No. 434 to 446 inc. outlined by Mr. W.E. Crenshaw, Project #24, September 19, 1947
- 11 Lancaster blend program, Projects #341, #348, no date
- 12 Lancaster laboratory checks, January 14, 1946
- 13 Lancaster Plant 15's Poplin quality study, May-July 1965
- 14 Loom and cloth quality control Exposition Mills-Atlanta, Ga, 1957-1958, no date
- 15 Loom vibration tests-Book 1, Project #295, no date
- 16 Loom vibration tests-Book 2, Project #295, no date
- 22 1 Mill evaluation of reverse blends of polyester-carded cottons for broadcloth and print cloth constructions, Project #384, October 10, 1969
- 2 Mill scale evaluation of a carded intimate blend of Kodel-cotton apparel fabric relative to the current drawing blend method, Project #384, October 10, 1969
- 3 Modern Bearing Designs for Spindles and other Spinning and Doubling Equipment, by SKF-Norma, 1953, SKF-Designs brochure & notes, no date
- 4 Multi-Draft systems for fly frames, August 30, 1948
- 5 New approach to evaluation of cotton fiber quality-emphasis on problems analysis. Progress report by Franklin Einewton, Samuel T. Burley, Jr., and Preston E. LaFerney, January 17, 1969
- 6 NCSU research project 61 on open-end spinning preliminary reports, April 15, 1971
- 7 NCSU research project 61 on open-end spinning, July 1973
- 8 NCSU research project 61 on open-end spinning preliminary repots, October 29, 1970

- 9 Notes and Sketches, 1935-1940, no date
- 10 One and two process drawing test on ideal and conventional frames test, no date
- 11 Optimum processing procedures for Avril-polyester (A&P) blends for carded apparel fabrics at Lancaster Plant using Avril F-40, 1.5 d/f and Kodel 421, 1.5 d/f, Project #366, February 19, 1969
- 12 Optimum processing procedures for Elliot Plant styles 745, 801, and 818 with 1005 bright Kodel polyester staple fillings, Project #363, January 22, 1969
- 23 1 Performance characteristics of an experimental hopper feeder cleaner-December 7, 1953, Project #100, investigation of an experimental hopper feeder-October 28, 1953
- 2 Performance characteristics of five types of top drive filling spindles, Project #118, April 7, 1955
- 3 Performance characteristics of four types of warp spindles, Project #133, September 12, 1955
- 4 Performance characteristics of McMullen #2A wood sleeve warp spindles before and after reconditioning by Saco-Lowell shops, Project #106, August 23, 1953
- 5 Performance characteristics of the medley, 4 roll draw frame using soft top rolls, Project #80, July 12, 1951
- 6 Performance characteristics of seven types of top driving filling spindles, Project #107, November 5, 1954
- 7 Performance characteristics of the Shirley opener in comparison with two and four Kirschner beaters for opening and picking, Project #108, November 25, 1954
- 8 Performance characteristics of three types of top drive filling spindles, Project #131, August 15, 1955
- 9 Performance characteristics of three types of warp spindles, Project #123, May 9, 1955
- 10 Performance characteristics of used bolsters and bases for SKF antifriction spindles with blades by Mason-Gossett, Project #105, August 24, 1954
- 11 Performance characteristics of a Whitin card with and without the Dixie sheet metal "Turbaire" Licker-in housing, Project #157, July 29, 1957
- 12 Performance of Gunter-Cooke and Crosrol carding systems at 30, 45, and 60 pounds per hour, Project #257, June 27, 1962
- 13 Performance study of the Whitin aerodynamic card, Project #257, June 27, 1962
- 14 Polyester-cotton novelty yarn fabric-apparel, Project #374, December 15, 1969
- 15 Preliminary evaluation of Celanese type 402 Cationic dyeable polyester staple, no date
- 16 Preliminary evaluation of the Ingolstadt automatic doffing drawing frame, Project #274, May 27, 1963

- 17 Preliminary investigation of the effect of production rate changes with the
wel-card using two carded cotton qualities, Project #304, May 17, 1966
- 18 Preliminary study of building vibration by use of strain gages and
universal amplifier, relating materials, 1951-1959
- 19 Preliminary tests to determine the optimum speed settings and processing
combination running the Kodel-cotton blends, Project #272, July 2, 1963
- 20 Prima tests, tear tests vs. construction, dye shade bands Kershaw
B.C., no date
- 21 Problems with Avril-polyester (A&P) blends for carded apparel
fabrics at the Lancaster Plant, Project #357, November 5, 1968
- 22 Procedure for treating Accotex No-750, aprons (Armstrong Cork), no date
- 23 Progress report on evaluation of Lord Manufacturing Company
loom mounts, December 6, 1966
- 24 Processing and product quality of the intimate (picker) blend and the
present drawing blend for 50% Kodel (1&1/2" staple, 1.5 denier) 50%
carded cotton Muslin sheets at the White Plant, Project #354, October 9,
1968
- 25 Product performance and processing characteristics of card sliver
from cards clothing with flexible and metallic wire, Project
#164, Nov. 1957-Jan. 16, 1958
- 26 Project No. 255-Effort to improve filling appearance of Springsteen and
Eureka Skipdent style-24, Memo to Mr. Hallett, November 16, 1960
- 27 Project #255-Skipdent fabric at the Springsteen Plant, stretch tests on
roving frames making 1.40 Hank, Memorandum to Mr. Hallett, January
17, 1961
- 28 Project #285, Memorandum to Mr. F.H. Martin, December 10, 1964
- 29 Project #313-Rainbow vs. irrigated cotton in blends with regular
and H.M. polyester, Memo to: Mr. F.H. Martin, March 27, 1967
- 30 Proposed card test to be run at the Lancaster Plant requested by
Mr. Beaver, April 16, 1956
- 31 Proposed cotton purchase and utilization program, May 7, 1968
- 32 Proposed tests in the slasher room at the Lancaster Plant,
September 26, 1956
- 33 The purpose of this study was to measure the deviation in yarn numbers
both before and after an improvement in bale blending in the picker room,
May 27, 1960
- 34 The purpose of this study was to measure the changes in sliver uniformity
when 6 ends and Kershaw's regular 8 ends are fed at breaker drawing,
February 22, 1960
- 24 1 Quality evaluation of Kodel T-461 (M.T.) polyester staple 1.5 d/f,
1&1/2" staple length, Project #418, January 22, 1974
- 2 Quality evaluation of Kodel T-421 (H.T.) polyester staple 1.5 d/f,
1&1/2" staple length, project #419, February 18, 1974
- 3 Relationships between properties of cotton fibers and strength of carded
yarns-U.S. Department of Agricultural Food Administration, preliminary
report, March 1945

- 4 Report on investigation of the capabilities of an air filled blanket, Project #82, May 6, 1952
- 5 Report of studies made on car Nep counts, yarn appearance grades, and cloth Nep counts using samples from all plants, project #9, January 8, 1947
- 6 Research and quality control in the Springs Cotton Mills and related correspondences, presented at the textile seminar, School of Textiles, Clemson College, May 2, 1961
- 7 Research report titles and dates-Charlottesville and Fort Mill, 1953-1970
- 8 Results of daily comparison of 21.5's warp made from .55 Hank Roving through one and two process drawing at the White Plant, Comparisons 1-8, August 1953
- 9 Results of daily comparison of 22's filling made from .75 Hank Roving through one and two process drawing at the Fort Mill Plant, Comparisons 1-27, July-Sept. 1953
- 10 Results of elongation and pucker tests Kodel-cotton blends, & Thad's test, Dec. 9, 1964
- 11 Results of waste tests and cleaning efficiencies on Frances Plant's opening line (Cleaning efficiency based on 100% trash content of raw cotton), February 24, 1964
- 12 Results of waste tests and cleaning efficiency on Elliot Plant's, White Plant's, and Oxford unit opening lines, multiple tests, no date
- 13 Results of yarn tests-Fort Mill and Frances Plant's 36's filling when spun on Roberts and Spin-o-matic spinning from conventional and rovematic roving, no date.
- 14 Results of yarn tests on Fort Mill Plant's 32's warp with break draft of 1.47 and 1.83 (36 bobbins selected at random from each break down for daily size), December 16, 1960
- 15 Results of yarn tests-Leroy PLant-65% K/35% C blends, July 20, 1966, no date
- 16 Results of yarn-Springsteen 50's K/C made from old (1316) and new (1320) merge Kodel-(Roberts spinning), May 11, 1966
- 17 Roll weighting calculation using Whitehead front saddle Nos. W-110-2 and W-110-3 and various combinations of roll settings. Calculations were made for each of the three positions (A.B.C.) on front saddle using total pull of 54 lbs. with pull expected perpendicular to center line rolls, this total pull and direction of pull will vary according to position of lever screw one various frames, October 15, 1952
- 18 Russian Ring Study, 1964-1967, no date
- 19 Samples of ESP and Bd-200 open-end spun yarn with one sample of ring spun yarn, January 31, 1972
- 20 Second test involving the filling slub level in Springsteen S-6211 due to using three different type clearer arrangements on comber draw box and detaching box, -unpublished, July 9, 1956

- 21 Sewing and wear characteristics of seven finished dress goods fabrics for Spring Mills Inc., NY, Re: Mr. N.E. Primrose, Project #98, September 23, 1953
- 22 Re: Sliver uniformity from Patricia chute fed cards, Project #314, April 4, 1967
- 23 Slubber roll weight check (Fort Mill Plant), March 9, 1951
- 24 Some of the aspects of drawing and doubling at the roving and drawing process, no date
- 25 Some considerations of a controlled viscosity system for the preparation of starch pastes for warp sizing, Project #72, May 23, 1950
- 26 Some considerations of a single tape drive for Saco-Lowell 3&1/4" gauge warp spinning, Project #71, May 23, 1950
- 27 Some effects of 100% California cotton in Kershaw style 7479 as compared to El Paso cotton, Project #238 and supplement, June 5, 1961, June 27, 1961
- 28 Some effects of the addition of 0,5,10, and 20% Kershaw flat strips (lawn mix) to the White Plant mix, Project #177, July 31, 1958
- 29 Some effects of break drafts of 1.47 and 1.27 on the quality of 32's yarn with various combinations of front top roll diameters, Project #219, November 8, 1960
- 30 Some effects of break drafts of 1.47 and 1.27 on the quality of 32's combed yarn, Project #217-D, September 30, 1960
- 31 Some effects of break drafts of 1.47 and 1.27 on the quality of White Plant's 22's filling from .55 Hank Roving, Project #226, October 28, 1960
- 25 1 Some effects of break drafts of 1.47 and 1.27 on the quality of 22's carded filling at the White Plant, July 2, 1961
- 2 Some effects of calendar roll pressure at drawing on quality of combed sliver, roving and yarn, Project #115, November 9, 1954
- 3 Some effects of card flat speeds on 2.97 and 1.82 inches per minute on card waste, card Neps, and yarn strength, grade and uniformity, Project #86, November 7, 1952
- 4 Some effects of card flat speeds of 3" and 6" per minute on card waste (Motes and fly, cylinder and doffer strips, and flat strips), card Neps, breaking strength, and yarn appearance grade, Project #8, April 22, 1947
- 5 Some effects of card production speeds on card Neps and waste, -unpublished, October 1, 1956
- 6 Some effects of card waste, Nep count, spinning waste and yarn quality due to adding different concentrations of mineral oil to the cotton in the opening room, -unpublished, May 6, 1954
- 7 Some effects on carding, combing and spinning quality due to a range of carding production rates with three cottons for carded and combed yarns, using flexible card wire. Suggested by Col. Springs, Project #150, February 21, 1957
- 8 Some effects on carding quality due to a range of card production rates from 60 to 10 pounds per hour, Project #169, May 8, 1958

- 9 Some effects on carding and rate on the yarn and fabric qualities of Pima cotton for Kodol blends using the Crosrol at the card, Project #282, June 18, 1964
- 10 Some effects on carding and spinning properties of three cotton mixes containing green tagged (coarse) bates of rain grown cotton, January 8, 1957
- 11 Some effects on carding and spinning quality caused by the use of conventional and metallic wire on card flats, and on the card cylinder and doffer, Project #155, June 18, 1957
- 12 Some effects on carding and spinning qualities due to a range of card production rates on cottons with three fineness levels, using flexible, card wire, Project #135, December 13, 1955
- 13 Some effects on carding and spinning qualities due to a range of card production rates on cottons with three fineness levels, using metallic card wire. A further investigation of carding started by Col. Springs, Project #138, February 22, 1956
- 14 Some effects on carding and spinning qualities due to the use of a sharp and dull licker-in, with flexible card wire, Project #156, June 4, 1957
- 15 Some effects on carding and spinning qualities due to varying the card cylinder and doffer settings, Project #78, June 15, 1951
- 16 Some effects on carding and spinning qualities of a range of card cylinder to doffer settings, Project #129, August 2, 1955
- 17 Some effects on carding and spinning qualities of various percentages of rain grown and irrigated cotton in the Lancaster Plant mix, Project #170, May 13, 1958
- 18 Some effects on carding and spinning qualities of the White Plant cotton mix due to the addition of Kershaw card strips, Project #83-A & B, September 10, 1952
- 19 Some effects on the cleaning and damage characteristics of the vertical opener when using all No. 10 picks on the Mo. 5 Disk and when using the conventional arrangement of No. 1, 4, 6 and 9 picks on the No. 5 disk, Project #235, May 9, 1961
- 20 Some effects on cloth quality caused by rewound filling, September 5, 1955
- 21 Some effects on combed Oxford filling spun from single and double creeled roving, -unpublished, December 19, 1958
- 22 Some effects on combed roving and yarn quality caused by a range of break drafts on the Saco-Lowell J-3 roving frame, Project #159, November 1, 1957
- 23 Some effects of cotton fiber length, length uniformity and fineness on carding performance and yarn quality as 100% cotton, and as 50% high tenacity polyester, 50% carded cotton blend yarn, Project #291, May 26, 1970
- 24 Some effects on cylinder screen settings on card waste and Nep count, Project #74, August 29, 1950

- 25 Some effects of drafting in spinning caused by twist in roving,
January 1, 1958
- 26 Some effects on fiber drag caused by different combinations of
front top and bottom spinning roll conditions, Project #174, June 17, 1958
- 27 Some effects of drawing and roving on spinning and yarn properties for
White Plant carded cotton, Project #284, and supplement, November 2,
1964, March 25, 1965
- 28 Some effects on the filling slub level in Springsteen S-6211 due to special
cleaning & handling during carding & spinning, project #143, June 5,
1956
- 29 Some effects on the filling slub level in Springsteen S-6211 due to using
three different type clearer arrangement on comber draw box and
detaching rolls, -unpublished, June 22, 1956, October 5, 1956
- 30 Some effects of filling yarn twist and fabric properties of Kershaw style
7382 for wash and wear finishes using lawn and broadcloth in the roving,
Project #247, December 22, 1961
- 31 Some effects of licker-in screen settings on card Neps and waste,
Project #146, September 4, 1956
- 32 Some effects of metallic card wire on carding, combing, and
spinning quality with combed cottons, Project #180, September 19, 1958
- 33 Some effects of one-inch J-490 cots on 41.0's combed warp at
Springsteen Plant, June 16, 1958
- 34 Some effects of opening, picking, carding, and spinning characteristics,
and yarn quality raw cotton treated with "ASPCO" cotton spray oil,
Project #153, April 17, 1957
- 35 Some effects on opening, picking, carding, and spinning characteristics,
and yarn quality of raw cotton treated with universal fiber spray, filling
conditioner and triton CF-21 weight agent, Project #182, October 30, 1958
- 36 Some effects on picker laps, card sliver variation and Nep count due to a
finisher fans speed with slower back and intermediate fan speeds on the
picker, May 20, 1953
- 37 Some effects on carding combing, and spinning properties of cotton
samples processed at a range of beater speeds using four types of cleaning
beaters, Project #76, May 11, 1951
- 26 1 Some effects on Pima yarn and fabric quality caused by a range of
3% to 18% comber noil extension, Project #241, June-Sept 1961
- 2 Some effects on processing and yarn quality of 6 and 8 ends up, and front
drafts on 3 and 4 at breaker for combed stock, Project #204, April 1, 1960
- 3 Some effects on product uniformity and yarn strength caused by a change
in draft distributions for combed breaker drawing, unpublished, April 8,
1958
- 4 Some effects on the quality of 32's combed warp when using a break draft
of 1.47 with J-490 and NC 729 material on back top rolls, Project #217-A,
October 7, 1960

- 5 Some effects on the quality of combed 61's caused by changes in spinning spindle speed, spinning drafts, and three combinations of roving, Project #152, March 27, 1957
- 6 Some effects on the quality of Fort Mills 32's combed warp caused by changing the spinning break draft from 1.47 to 1.83, project #217-C, December 7, 1960
- 7 Some effects of a range of speeds on the Gossett draw frame when compared to the ideal metallic operating at 205 feet per minute, March 9, 1955
- 8 Some effects of a range of yarn weights and filling twists on skein and cloth tensile strength, (suggested by Col. Springs), Project #163, December 18, 1957
- 9 Some effects of Roberts 50 flute unevenly spaced and Roberts 40 flute evenly spaced, 3&1/4" gauge, 6 boss bottom front steel rolls on yarn quality at the Lancaster Plant in Mil No. 3-3rd, Annex, October 11, 1960
- 10 Some effects of roving due to varying the break draft on the FS-2, -unpublished, August 31, 1953
- 11 Some effects on roving twist, spinning quality of varying the back roll settings on the Whitin Interdraft roving frame, November 22, 1952
- 12 Some effects of roving twist, spinning break draft and tensor opening on the quality of 21.5's warp yarn made from .55 Hank Roving, Project #99, September 30, 1953
- 13 Some effects on roving and yarn qualities produced by a combination of roll settings and break drafts on a 12x6 conventional slubber making .75 Hank Roving, compared with yarn from 1.00 Hank Roving, (suggested by Mr. Flowers), -unpublished, March 21, 1955
- 14 Some effects on roving and yarn quality due to using a range of roving break drafts on White Plant's .55 Hank Roving, suggested by Mr. Walker, January 28, 1957
- 15 Some effects on roving and yarn quality due to varying the roll settings and break draft on the J-3 roving frame, May 8, 1953
- 16 Some effects on roving and yarn quality due to varying the roll settings and break draft on the J-3 roving frame, May 8, 1953
- 17 Some effects on roving and yarn quality by four combinations of break draft and roll settings on a 12"x6" conventional slubber, -unpublished, December 29, 1953
- 18 Some effects on roving and yarn quality produced by roving twist at three break draft levels, May 6, 1955
- 19 Some effects on slashing and weaving due to heavier squeeze rolls and less fat in the size solution, July 8, 1953
- 20 Some effects on sliver and cloth quality produced by good and bad piecing on carded sliver Lancaster Plant, Project #130, August 3, 1955
- 21 Some effects on sliver and cloth quality produced by piecing and other damages on combed sliver, project #132, August 11, 1955

- 22 Some effects on sliver, roving, and spinning performance of processing of 22's carded yarn with one process ideal, two-process conventional Saco-Lowell drawing, suggested by Col. Springs, Project #151, March 28, 1957
- 23 Some effects of sliver, roving, and yarn produced by increasing the weight of comber laps, -unpublished, May 27, 1955
- 24 Some effects on sliver, roving, and yarn qualities of a range of speeds using an ideal metallic draw frame as carded breaker and finisher, Project #124, July 1, 1955
- 25 Some effects on sliver, roving, and yarn qualities of a range of speeds using an ideal metallic draw frame as carded breaker and finisher and combed finisher, Project #134, October 28, 1955
- 26 Some effects on sliver, roving, and yarn qualities of carded one and two process drawing from ideal and conventional Saco-Lowell frame, Project #111, October 29, 1954
- 27 Some effects on sliver, roving, and yarn qualities of a range of speeds on the S-L lap back finisher drawing frame after combing, project #141, April 5, 1956
- 28 Some effects on sliver, roving, and yarn qualities due to the removal of 10%, 12%, 14%, and 16% comber noil, Project #110, October 22, 1954
- 29 Some effects on sliver, roving, and yarn qualities of a range of speeds on the Gossett frame when used as carded breaker and finisher drawing, Project #125, July 8, 1955
- 31 Some effects of spinning break draft and tensor opening on the quality of 21.5's carded yarn, Project #165, January 8, 1958
- 32 Some effects of spinning drafts of 30, 40, and 50 for 30's and 40's yarn using middling, bright strict law, strict law, and law middling cotton, Project #173, June 12, 1958
- 33 Some effects of spinning frame stresses on the physical properties of 100% polyester yarns, Project #423, October 15, 1974
- 34 Some effects of time, temperature and bond length for nylon tapes on the Boulogny Bonder, Project #142, May 17, 1956
- 35 Some effects of twist on 50's Pima yarn spun from 1.50 Hank Roving made at the Springsteen Plant, Project #167, May 12, 1958
- 36 Some effects on twist changes on the properties of 36's Kodel-combed cotton yarns for blended percale sheetings, Project #371, march 18, 1969
- 37 Some effects of twist, draft, and roving frame on carded yarns spun from roving made at the Lancaster Plant (suggested by Col. Springs), Project #158, August 22, 1927
- 38 Some effects of twist on the yarn properties of 30.5's carded warp, Project #119, April 22, 1955
- 39 Some effects of variable speed drive on spinning, Project #68, March 20, 1950
- 40 Some effects of varying the beater to grind bar settings with a Kirschner type beater, Project #70, April 26, 1950

- 41 Some effects on the yarn quality of 32's combed warp when using a hand J-490 back roll cot and soft NC 729 back top roll cot with a break draft of 1.47, project #217-B, December 2, 1960
- 42 Some effects on yarn quality caused by adding a range from 1.9% to 12.5% Pima-card strips to the Fort Mill Plant type 180 cotton mix, Project #242, November 29, 1961
- 43 Some effects on yarn quality due to the use of a range of tensor (apron pin) openings, Project #92, no date
- 44 Some effects on yarn quality resulting from a range of cot and arbor diameters, Project #127, July 18, 1955
- 45 Some effects on yarn strength and appearance due to the addition of various percentages of law middling spotted cotton to the regular carded and combed mixes in the Fort mill Plant. Re: Memorandum from Mr. Hallett to Mr. Summersby dated May 1, 1958, May 9, 1958
- 46 Some improvements in yarn quality caused by Law noil combing, Project #186, March 11, 1959
- 47 Some performance characteristics of the conventional slubber when drafting combed .75 hank Roving for 36's filling, Project #160, November 6, 1957
- 48 Some performance characteristics of the Davidson-Kennedy opener cleaner (SRRL type), Project #200, April 11, 1960
- 49 Some performance characteristics of four types of draw frames for combed finished sliver, -unpublished, September 27, 1956
- 50 Some performance characteristics of the new high-speed ideal metallic drawing frame equipped with suction system, electric clutch, and electric stop motion, Project #161, November 11, 1957
- 51 Some performance characteristics of the new high speed Saco-Lowell "versa-matic" and Whitin "even-draft" frames when compared with present Saco-Lowell conventional drawing frame, Project #154, June 12, 1957
- 27 1 Some performance characteristics of roving and yarn qualities produced by two types of roving frames 50 and 60 grain finisher drawing sliver, -unpublished, July 15, 1954
- 2 Some performance characteristics of six types of draw framers for combed finisher sliver, Project #103, July 2, 1954
- 3 Some performance characteristics of the superior pre-opener and cleaner, Project #140, March 30, 1955
- 4 Some performance characteristics of three types of roving frames, Project #178, August 18, 1958
- 5 Some performance characteristics of the Whitin Axi-Flo cleaner, Project #194, August 23, 1956
- 6 Some problems in fiber utilization, March 13, 1956
- 7 Some processing characteristics of Pima cotton flat strips blended with regular combed mix in Kershaw styles 424 and 437 broadcloth, project #113, February 1, 1955

- 8 Some processing and fabric characteristics of 100% regular and high strength Rayon as filling in carded and combed broadcloth, Project #176, August 13, 1958
- 9 Some processing and fabric characteristics of Nylon-cotton staple blends for type 180 sheets, Project #102, and related memo March 24, 1954, March 26, 1954
- 10 Spindle speed, frequency distribution charts, for each mill warp spinning, April 1, 1952
- 11 Spinning quality of cotton and other staple fibers summary and method of application presented at meeting of fiber society New Orleans, La., February 20-22, 1947
- 12 "Starches for the Textile Industry"-Clinton Corn Processing Company, October 28, 1965, no date
- 13 Strength comparison of 30.5's warp yarn spun from .60 H.R. made using a two-roll slubber and from .60 H.R using a three-roll slubber, -unpublished, December 7, 1955
- 14 Stretch tests and adjustments on roving frames at the Kershaw Plant, project #233, April 6, 1961
- 15 Structure and properties of cotton yarns by John B, Dickson Textile Division, United States Rubber Co., New York, New York, July 15, 1957
- 16 Studies to evaluate Fortrel versus Kodel, 1967-1970, no date
- 17 Studies in yarn count variation from Eureka and Kershaw Plants, 1964, no date
- 18 Studies in yarn count variation from Oxford Plant, 1962-1964
- 19 A study of the causes of slubs in Lancaster 40's and 43's filling, Project #67, February 23, 1950
- 20 A study of cotton-viscose blends for carded broadcloth and type 180 combed sheeting fabrics, Project #168, April 11, 1958
- 21 A study to determine the desire card settings to be used with metallic card wire at Eureka Plant, -unpublished, November 19, 1958
- 22 A study of the distribution of flat waste and Neps, Eureka cards, Project #117, March 30, 1955
- 23 A study of the distribution of flat waste and Neps, Kershaw cards, Project #122, May 16, 1955
- 24 A study of the distribution of flat waste and Neps, Springsteen cards, Project #120, May 2, 1955
- 25 A study of the effect of magnetized and demagnetized spinning rings upon skein strength and ends-down, March 2, 1950
- 26 A study of the effect of Noile on yarn and cloth strength and appearance brief, no date
- 27 A study of four types of card screens with two licker-in screen settings, Project #149, January 10, 1957
- 28 A study of the processing characteristics of cotton-nylon blends, Project #94, July 10, 1953

- 29 A study of the processing and fabric characteristics of low middling and low middling spotted cotton for use in type 128 (carded) and type 180 (combed) sheeting, Project #171, May 27, 1958
- 30 A study of the relative waste, processing characteristics, yarn and fabric properties of 100% California cotton as compared to the Kershaw lawn and broadcloth cotton, Project #248, 1961-1962
- 28 1 Summary of comparison between 4&1/2 mm and 5&1/2 mm pin at Fort Mill Plant, February 26, 1955
- 2 Summary data from Mill testing San Joaquin Valley cotton-crop of 1966
- 3 Summary of invoice prices-Wattles size products-1948-1949, December 1, 1949
- 4 Summary of spinning tests on samples taken between September 5, 1953, and January 2, 1954, January 22, 1954
- 5 Tech tests spinning-Fort Lawn, Kershaw, & Lancaster Plants, June-November, 1970
- 6 Testing for Honeydew on raw stock cotton, no date
- 7 Tests on Coker 413 cotton, Project #302, April 29, 1966
- 8 Tests on cotton from Textiles, inc., and the Kershaw lawn and broadcloth mixes, Project #243, November 7, 1961
- 9 Tests to determine the physical characteristics of five types of spinning tapes, August 7, 1962
- 10 Tests on the Kodel-cotton blends when using 100% California cotton and 100% Pima cotton to blend 65% Kodel with 35% cotton, no date
- 11 Tests on Kodel on the Crosrol card at 20 and 40 pounds per hour as compared to the conventional doffer comb at 20 pounds per hour. These tests were all made on the card equipped with Hollingsworth stationary flats, no date
- 12 Tests on the Kodel with conventional and solid licker-in card screen, no date
- 13 Tests on Peruvian Pima cotton from Mr. Elliot, Project #298, November 12, 1965
- 14 Tests on Roberts's aluminum blade, Roberts steel blade, Hartford aluminum blade, and Reiter steel blade spindles, Project #301, January 13, 1966
- 15 Tests using cottons with a range of fineness in Kershaw Plant lawn mix, Project #278, September 16, 1964
- 16 The missing link from Textile Bulletin February 1958, quality programming, Inc., machine monument system, quality audit, training program, cloth grades, and inspectors training, 1962-1964
- 17 Twists tests for 24's yarn for Patricia Plant, Project #332, November 20, 1967
- 18 Underclearer waste test on combed finisher drawing and 1.00 H.R. at Gayle Plant, Memorandum to MR. F.H. Martin, June 20, 1956
- 19 U.S. Court Rules in Crush Roll Suit, January 27, 1966
- 20 Vibration study on a 72" "D" model loom widened to 80", Project #116, March 28, 1955

- 21 Vibration study of "X" model looms with three makes of motor drives, March 14, 1950
- 22 Vibration characteristics of the Hartford century warp spindles before and after machining whorl diameter down from 1&1/8" to 7/8", Project #128, July 25, 1955
- 23 Whitin card test on motes and fly made at Eureka Plant, - unpublished, July 25, 1957
- 24 Yarn comparison on 58's lawn made from newly overhauled comber sliver and sliver from one scheduled for overhauling-Memo to Mr. Hinson, June 23, 1971
- 25 Yarn defects produced by normal creelings or piercings made behind breaker drawing, finisher drawing, and FS-2 roving frames, no date

Reports

- 26 Discussion with representative of the DuPont Company concerning work they are doing in promoting nylon-cotton blends, August 12, 1953
- 27 Meeting at Fort Lawn cotton division to discuss cotton testing and utilization program, July 1, 1969
- 28 Meeting with representative of Wel-Card of Johnsonville, S.C., and Elliot metal works, West Greenville, S.C., Friday, November 19, 1965, November 26, 1965
- 29 Meeting with Tennessee Eastman, November 26, 1964
- 30 Notes on Conference with DuPont representatives Mr. Phil May and Mr. Sam Price, August 17, 1953
- 31 Report on the 16th Annual Cotton Research Clinic at Pinehurst, February 2-4, 1965, April 6, 1965
- 32 Report of the 1961 ACMI open house meeting at Clemson attended by Mrs. Black, Mrs. Freeman, and J.R. Hunter and progress of work with the digital fibrograph and fibro-sampler, May 26, 1961
- 33 Report on analytical services, analytical research group research and development center, Fort Mill, March 27, 1973
- 34 Report on carding, spinning, and dust properties cotton spinning lots, Sept. 10-Nov. 1, 1973
- 35 Report of conference on Kershaw conversion, July 14, 1970, July 17, 1970
- 36 Report of the Cotton Quality and Processing Conference (11-13 February 1969), February 24, 1969
- 29 1 Report on cotton Research Clinic Marketing Conference National Cotton Council, Gallaway Gardens pine Mountain, Georgia (Feb. 14-16, 1967), march 2, 1967
- 2 Report on interview with Mr. Kuhn and Mr. Tindal on "Center graph" system, April 11, 1951
- 3 Report of investigation of complains on Uxbridge slashers at Lancaster, suggested by Mr. J.B. Hughes, June 26, 1953
- 4 Report of meeting of the Fiber Society at Clemson College, South Carolina, April 13-15, 1949, April 22, 1949

- 5 Report on mill modernization and expansion, presented at Textile Seminar, Clemson College, October 1, 1963
- 6 Report on papers given at Cotton Clinic Pinehurst, N.C., February 16-18, 1955, February 23, 1955
- 7 Report on Southern Textile Association meeting, November 13, 1961
- 8 Report of the spinning test conducted in the laboratory of the H&B American machine Company, Pawtucket, R.I. for Mr. E. Lee Skipper, Lancaster, South Carolina, February 7, 1949
- 9 Report of trip to Borden Mills, Kingsport, Tenn., August 20, 1952
- 10 Report of trip to Cone Mills White Oak plant, September 7, 1949
- 11 Report of trip to Durham, North Carolina to see Gunter-Cooke Carding Development, January 12, 1965
- 12 Report of trip to Erwin Cotton Mills, Durham, N.C., November 25, 1949
- 13 Report of trip to Joanna Cotton Mills, November 29, 1951
- 14 Report on trip to Kannapolis, N.C., June 9, 1949
- 15 Report of trip to Limestone Cotton Mill, Gaffney, S.C., and W.D. Dodenhoff Co. at Greenville, S.C., June 2, 1953
- 16 Report of trip to New England, November 13, 1948
- 17 Report of trip to New England, June 9, 1949
- 18 Report of trip to Pacific Mills, Lyman, South Carolina, November 28, 1949
- 19 Report on trip to see new type spinning frame at Gaston Textile Plants, Dallas, N.C., no date
- 20 Report of trip to see slasher drive, April 14, 1950
- 21 Report of visit to American Textile machinery Exhibition, Atlantic City, N.J., May 8-10, 1950
- 22 Report of visit to Bridgewater plant of Celanese Corporation of America at Bridgewater, V.A., February 11th and 12th, 1953 by H.W. Close, F.H. Martin, and Mr. Chip Clark of Celanese, February 25, 1953
- 23 Report of visit with Dr. Richard Levin at Chapel Hill, N.C., September 3, 1967
- 24 Report on visit to Greenwood mills-Friday January 24, 1964, February 10, 1964
- 25 Report on visit to Greenwood mills-Ninety-six Plant October 25, 1963
- 26 Report of visit to Greenville Textile Exhibition Tuesday-October 18, 1966, December 1, 1966
- 27 Report on visit to inspect a 5-roll spinning frame advertised by Mr. H.G. Drake, Gastonia, N.C., March 8, 1954
- 28 Report of visit to Lindale Plant of the Pepperell manufacturing co., January 2, 1950
- 29 Report of visit to Oak Ridge, Tennessee, May 14, 1969
- 30 Report of visit to Southern Regional Research Laboratories, April 14, 1959
- 31 Report of visit to Southern Textile Exhibition, October 10, 1956
- 32 Report of visit to Textile Machinery Exhibition, Memorandum to: Mr. W.C. Summersby, May 11, 1954

- 30 1 Scotland Mills Trip, June 7, 1965
 2 Spinning quality of cotton and other staple fibers, Summary and Method of Application, presented at meeting of The Fiber Society, February 20-22, 1947
 3 Textile Engineering Conference Philadelphia, Penn., 26-27 Oct. 1967, The American Society of Engineers, November 21, 1967
 4 Textile Information Center, Greensboro meeting of February 19, 1964
 5 Visit to Belmont Textile School to look at film showing Japanese O-M spinning frame, Memorandum to Mr. W.C. Summersby, May 11, 1956, May 14, 1956
 6 Visit to Greenwood Mill's Ninety-Six Plant -October 22, 1963, Memo to Mr. V.A. Ballard, October 25, 1963
 7 Visit to Roberts Company in Sanford, North Carolina, October 23, 1963
 8 Visit to Special Instructions Laboratory, Knoxville, Tenn., Memorandum, April 22, 1964, April 24, 1964
 9 Visit to Tennessee Eastman-Kingsport, Tennessee, Memorandum to Mr. J.L. Williams, April 1, 1970

Weekly Reports

- 10 Correlation of yarn break factory on 41's combed warp, Eureka Plant with weaving efficiency, Eureka style 4211, Weekly Reports, 1955, 1956, 1957
11 Weekly summary of process control data W.E. April 26, 1969, (No. 17, 1969 series), South Carolina and North Carolina Divisions, May 3, 1969
12 Weekly summary of process control data W.E. May, 1969, (No. 18, 1969 series), South Carolina and North Carolina Divisions, May 10, 1969
13 Weekly summary of process control date W.E. January 24, 1970, (No. 4, 1970 series), January 31, 1970
14 Weekly summary of quality control data, February 1952
15 Weekly summary of quality control data, March 1952
16 Weekly summary of quality control data, April 1952
17 Weekly summary of quality control data, May 1952
18 Weekly summary of quality control data, June 1952
19 Weekly summary of quality control data, July 1952