

1929

1929 The Analysis

William Frank Uhlig

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The Analysis



1929

The Analysis



PUBLISHED MAY, NINETEEN TWENTY-NINE

By the **Senior Class** *of the*
Philadelphia Textile School



The Analysis

In Sincere Appreciation
of His Services to the
Textile School and of His
Friendship to the Stu-
dents, We the Class of '29
Dedicate this Analysis to
William Pfeiffer

— 1929 —



WILLIAM PFEIFFER
Instructor in Power Weaving

William Wood

July 18, 1837

March 4, 1929

Philanthropist; Manufacturer; Financier

TRUSTEE of the Pennsylvania Museum and School of Industrial Art since 1885, serving as Vice-President since 1925.

One of the most liberal contributors to the Fund collected in 1883 by the Philadelphia Association of Textile Manufacturers, and used to finance the organization of the Philadelphia Textile School.

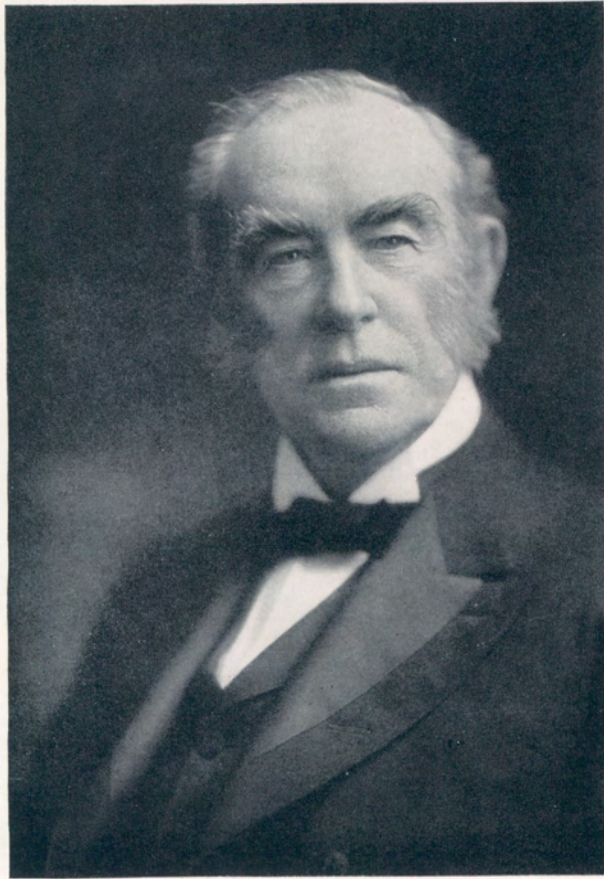
Until 1919 President of the firm of William Wood and Company, manufacturing woolens and worsteds in Philadelphia, under the name of Pequea Mills.

Endowed with a keen mind and sound judgment, he was elected to the Boards of Directors of Banks, Trust Companies, Insurance Companies, and public Utilities.

He was a member of many committees of the Board of Trustees of the Pennsylvania Museum and School of Industrial Art, but beyond a doubt it was as a wise, generous and kindly member of the Committee on Instruction that he endeared himself to the Philadelphia Textile School.

His long record of financial contributions recently culminated in his establishment of the William Wood Foundation, designed to afford financial aid to the School, and to assist deserving students.

The Last of the Founders



WILLIAM WOOD

Foreword

Many events have occurred during our years at Philadelphia Textile School. Some of them are important, others trivial. Of these it is possible for only a few to be here recorded. In the years to come, some chronicle, however, incomplete, may help to freshen the memories of the class of 1929.

With this purpose in mind, the ANALYSIS staff have labored to produce this volume.

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The Analysis



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Prosperity Now Due For Neglected Trades

By E. W. FRANCE

For some years past so-called "Luxury Industries" have led prosperity throughout the country. How much longer this condition will continue is a problem. So vast is our continent that never are all sections of it enjoying equal prosperity; always some sections are experiencing poor times, even when the "Nation," as a whole, is enjoying good times. That is exactly what we see today, and one of the best barometers of general prosperity is the large quoted returns from the various districts assigned to collect the past year's income taxes. So we must accept the stated fact that, as a nation, the country is prosperous.

There are, however, several of our main industries that are far from prosperous. The sugar industry, for instance, has suffered from the lowest prices in years. The shoe industry has, and is, suffering as never before and equally true is that of the cotton industry, the woolen industry, the silk industry and the carpet industry. These latter four industries are grouped under the broad term of "TEXTILES," however, the sugar and the shoe industries are equally essential with the textile industry for human welfare.

The most prosperous industries for several years past have been those logically benefited by general prosperity. There has been far greater buying, we find, than there ever was in the past, of things not actually essential to our daily existence. Indeed, so unusually large a portion of the people's income has been spent for luxuries and comforts, not widely indulged in before the current period of prosperity set in, that industries supplying the necessities of life have suffered, some of them most seriously.

It must however, be frankly admitted, so far as textile productions are concerned, that during the late war, quite a few of our domestic mills, as well as those of foreign countries, added extensively to their production equipment, and in addition quite a number of small mills came into existence as well, there being, at the time, a demand for all that could then be produced at home as well as abroad.

Again, fickleness of fashion, too, has reduced to a marked degree the amount of dress material for women's wear, which in turn, has practically added more competition from the formerly dress goods manufacturers to the men's wear trade, all of which, including the import trade, has made, it would seem, too much production and producing machinery for the consumer demand. However, notwithstanding the previous statement, there is quite a number of our outstanding mills and selling houses of the textile group,

"Cotton," "Woolen," "Worsted" and "Silk," who have been able to meet all the requirements of their respective trades and have shown very encouraging returns apparently all through this period of the industries depression, which seems to indicate clearly that the dawn of a NEW ERA has arrived. Old methods of both manufacturing and selling have passed away, and those mills and selling houses, which had observed the trend in its early stages, and were in position and able to take due advantage of it, are undoubtedly profiting by their foresight. These remarks apply more particularly to mills of a capacity of not over 150 to 200 looms, and the trend I refer to is that of the decidedly individualistic in character, and so much in demand by the consuming public, of which color and design seems to play so important a part today.

This demand, I feel quite sure, has been largely brought about and fostered, if not wholly so, by the compulsory academic educational law, for the masses, which, as we are aware, has been responsible in a large measure, for some years past, of causing a very large proportion of our young men and women to be attracted to, and finish, their education in our higher institutions of learning.

The material result of this higher educational trend, as I see it, and which, to a useful observer, is very apparent throughout the country at large, has created an appreciation for, or I might more properly say, has really created a demand, on the part of the individual consumer for more individuality of dress. Not so much a question, however, of whether the coat should have a certain roll to the collar, or possesses two or more buttons, etc., but particularly so as to the tone of the *color* and the character of the *design* of the fabric itself. We have, therefore, it would seem, ceased to be satisfied in being institutionally garbed, so to speak. Men's wear at the present time, follows more closely that of the women's wear, more or less a riot of color. Each individual has apparently become aware of what he or she can best wear, and there is a shopping expedition to attain a raiment most suitable to their figure and complexion, and therefore each individual man or woman has become more or less a style unto themselves.

To cope with this condition, and to meet this demand has also found many of our mills and selling organizations, either through lack of means, inadequated equipment, management, or organization, unable to satisfactorily comply with this prevailing demand, and consequently they have been forced to write off in red ink.

This new order of individuality of dress, by the consuming public, which is so apparent everywhere today, has undoubtedly affected the larger organizations accustomed to produce the more plain or staple lines of fabrics, more seriously perhaps, than the smaller mills; comparatively few styles, and thereby quantity of production, has made it possible heretofore to produce

their product at a comparative low unit of cost and thereby made their products more attractive to the prospective buyer. Now, under this new order of things, quantity production of any one class of plain or staple fabrics, particularly for men's wear use, is out of the question, simply because the market demand for what they, the larger producers, are best able through organization and equipment to provide, is most conspicuous by its absence. The smaller mills, however, with well-balanced equipment in all departments of carding, spinning, weaving, dyeing and finishing, supervised throughout with efficient up-to-date management, and above all possessed of a well organized department of competent *stylists*, *colorists* and *designers*, together with an outstanding selling organization, are apparently attracting the alert, painstaking buyer of today.

The measure of success then is, after all, not size, notwithstanding the fact of all the glaring headlines about "Mergers of Industries and Banking Institutions," of which we read so much about, in our daily newspapers of today, *but progress*. Progress not measured in volume, but in *profits*. Ever since we have felt the influence of this color and design period (and it is my candid opinion that this color and design period is here to stay), the larger organizations of the wool and worsted industries (which by the way, were the mergers of years ago) have found it most difficult to keep pace and supply the limited quantities of any one style, that the trade is willing to buy. In other words, so long as a volume production of any one line of fabrics could be absorbed by the trade, profits were possible by the low unit of cost, but today the large organization with a diversified product is too unwieldy to handle and consequently the whole question is reversed. The management of the small mill can give close personal attention to the business and to the personal element which is so highly important. Such management is less subject to pressure from stockholders, and consequently less driven to go ahead regardless of cost.

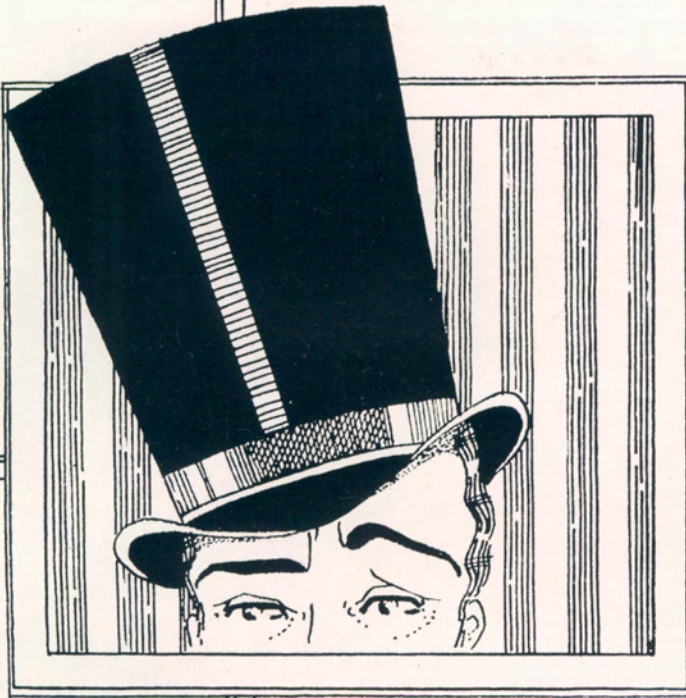
There is another advantage that is often overlooked; that is, the tremendous chance of building up the best kind of relationship with the employees. The small mill can, if it has the gift of management, build up a splendid spirit in the workers, and that is a tremendous asset.

Again, the small mill can keep its customers up to a high level. It can, for example, make quality merchandise and sell only to the best houses from a credit standpoint. The very fact that high-type houses buy their fabrics, is a check on price and quality. Quality does more to make a permanent reputation than does price, and it seems a simple truth, that with skilled labor as costly as it is, there is little to be gained by utilizing such skill on cheaper materials. The one mistake that is most apt to endanger the small mill is the temptation to expand too rapidly. A mill, following fancy textile lines, ought

not to grow too large in machinery and buildings. True, it should have growth, but a well-balanced growth; a high percentage of every dollar made, ought to go into a negotiable surplus in quick assets. A mill may want new machinery, but it is well first to determine if it is expedient to buy it. Therefore, it almost goes without saying, that with such a radical change as we now find confronting the men's and women's wear end of the textile industry, even with the most desirable and well-balanced equipment, has made it absolutely necessary for quite a few of our foremost mills and selling organizations (those who desire to be considered as outstanding in their production), to thoroughly reorganize their designing and style-creating departments, and should I be allowed to make a suggestion I would say most preferably so, as regards the selling house end. I might further suggest that they, the selling house, should engage, not alone one, but several, if necessary, competent styler and colorists, men or women who really know their job, who are alert and who use every source of style information possible and can visualize such information together with harmonizing colorings, in the unproduced fabric passing the same over to the mill designer for his adaptations to attain the very best results in the fabrics under consideration.

I am not unmindful of the fact that embellishment of fabrics, through designing and color, calls for a specific kind of artistic training, and many of our designers, indispensable structure men, as many are, fail to measure up as they should, when it is a case of color decoration. The same can be equally and truly said of the so-called styler at the selling house. Hence, colorists for textile productions must be specially trained. They should at least have sufficient knowledge of the technical or production side of the problem, to fully realize the radical changes which almost invariably take place in the interweaving of their selected colors and the most natural question which would undoubtedly follow is, how and where can this indispensable training and the realization of color and design treatment be obtained, and the suggestion might naturally follow, namely, to select for your training one of our foremost technical Textile Schools, whose curriculum is so balanced as to provide, in addition to the regular textile courses of practical instruction, including chemistry, dyeing and printing, etc., artistic training in all the ramifications underlying design treatment and application to all kinds of textile productions from the raw material to the finished product, also the study and application from a decorative standpoint of color, in all the many phases.

In conclusion, let me predict that no less a specific training than that which I have outlined above (whether acquired in a Textile School or elsewhere), will, in my opinion, suffice for the future captains of the textile industry, if they hope to keep their mills numbered among the prosperous, and not in the so-called neglected class.



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SENIORS

Iluby

Senior Class

Officers

President

BENJAMIN P. ANDERSON

Vice-President

HENRY HENNIG

Secretary

E. STANLEY BOWERS

Treasurer

MOE AMSTERDAM

Historian

WILLIAM J. BRAGG

Athletic Director

OTIS W. COGGESHALL

Senior Class History

One recalls to mind the "All the world's a stage and all the men, etc." of Shakespeare, and distinct analogy cannot help but be drawn between the philosophy of the playwright and the existence of a reflected round of circumstances compounded with an ever memorable course of pleasant events at college.

For a representative delineation of the reminiscent history of the Class of '29, worldly expression of the same surely necessitates the three principles that govern the resulting completeness of any dramatization such as is our narrative of events. There must be the play—the actors—the stage and setting.

Here we have it:

The play—our little world—a thing apart.

The actors—our Seniors—the men of '29.

The stage and setting—our Alma Mater—Philly "Tech."

The exits and entrances will truly become a part of our lines, so well have the men of '29 acted their respective parts.

PROLOGUE

Scene 1. Time—September 13, 1926. Place—Outside the portals of P. T. S. A few score of young men representing almost every corner of our nation gather at this historical spot. Each man is dressed in his finest, but the look in his eye, as he gazes in bewilderment at the buildings before him, deceives no one. It is not a hard task for the rest of the world to guess that it is a class of freshmen, awaiting the necessary courage to take those fatal steps inside the portals of the place they have chosen to further their education along Textile's great paths. A series of handshakes follow. The North and the South become linked even closer together than before the Civil War. This mob soon begins to form into a series of little groups. Unlike other groups, smiles are scarce and each man is carefully offering his apology for being there. With all this over and for lack of other material for conversation, someone brings up the subject of school and exams, etc. At this point, someone, perhaps a "dutchman," decides that even inside there might be something more interesting and the mob starts to file in through Textile's swinging doors.

Scene 2. This same body all seated in the rear of a long narrow room which has all the earmarks of a banquet hall during the time of Caesar. Two

distinguished-looking gents with an armful of papers enter without invitation and take seats at the front of the room. After arranging the seating plan to suit themselves only, they proceed to pass out the menu which offers a special \$5.00 full-course matriculation meal to be eaten and digested mentally in the form of that much-dreaded entrance exam.

Scene 3. A hole in the wall in a hidden corner of the third story of this same building. A long line is gathered in front of this place, all apparently ready to gamble with Dad's checking account. Just then a window is raised and a fair-haired gentleman hands out a board upon which is piled a lot of junk that someone thought we might need. These are classed as supplies. He relieves us of a \$40 note for all these and then hides behind the closet door until his conscience is sufficiently cleared and he attacks the next sucker. Each freshie becomes duly initiated in this way.

Scene 4. Place—Back again to that antiquated banquet hall. This time there is a slightly different atmosphere about this room. Each fellow walks in and takes a seat and there is an air of acquaintanceship existing throughout the room. Just as we are all enjoying a good joke, an elderly man, with a book about the size of an overnight case in his arm, steps in and introduces himself as Mr. France, the director of the school. At this point we all sit up straight in our chairs and listen very attentively as Mr. France welcomes us and then goes on with a short two-hour lecture on just what is wrong out in the "game" and how we are to correct it. Just as every one is about to enjoy a quiet sleep he brings his talk to a close and introduces a fine looking middle-aged gent as Mr. Algeo, his assistant. As this gentleman takes his chair there is a different atmosphere exists. He has a keen sense of humor as we readily observe. He utters a few words that bring our thoughts along the line of companionship, tells us that we little realize how grave a mistake we have made by not knowing who was sitting next to us and then in a very tactful way we are told to shake hands with the fellow at our right and to announce the name of the partnership, for, as far as Textile is concerned, we are officially married for one year and from now on we are to be known as partners.

ACT I.

Scene 1. Everything is quiet. The boys are all busy trying to hit a good square on this 8 x 8. Mr. Geise walks leisurely around the room with a broad smile on his face. He is predicting a big year for his squared paper organization, the dividends of which are to keep him provided with pocket money for shoe shines, nickel cigars, etc., for the year. The famous

"dot detector" then takes his seat at the front of the room and calls us up, one at a time, to inform us that we have a sinker in the wrong place or that we neglected to procure a subscription for a bottle of his famous 40-cent shellac. Between each personal interview he takes his stand as prof. and bellows out "Let me give you this note for the next weave," to which we all respond with a typical Textile cheer. As the bell is about to ring we get our extras to keep our minds at ease for a week.

Scene 2. As we file into this room an outsider would be justified in saying that we were studying domestic science. Each fellow has his bread board, a set of nice new, shiny cooking tins, a knife that would serve well to spread icing with. In spite of all this we call it color harmony but we soon found that we got everything else but, as we dug this knife into a jar of red, blue or yellow paint, which ever came first, and smeared it carelessly over a paper only to find that it was O. K. just the same. The prof. was an occasional visitor after 10.30 and many times he came in just in time to save the South from another Civil War or just as we were making plans for our usual smoke walk to the other side of the building. Our slumbering brothers found this class an expensive one as they would awake to find their supplies had been well distributed amongst us. It was not long before we were wise to the Kaiser method of color matching and with a true spirit of co-operation existing throughout the class we found that our venerable colorist was putting his O. K. on our samples faster than he even realized. Overtime was unknown during this period and at 3.30 the union men were at the sink cleaning up and ready to go.

Scene 3. It is here in Room 301 that Textile scores its first knockdown to the Class of '29. As we are all set around these long tables, prepared for a lecture, Mr. Mac walks in and begins his story of "weaving in the days of King Tut." In his efforts to describe such terms as the woof, creel, etc., Mr. Mac wanders far from the trodden path of the English language and we all sit in bewilderment wondering how we can fathom these foreign expostulations in case we might be called upon for our interpretations of the same as part of his so-called exam.

Scene 4. "Leave us turn around," and take our audience into a different atmosphere; the kingdom of self-made men where the proverbial seed hair is in full bloom all the year. It is here that we meet "King Cotton," who is none other than Johnny Naab himself. We soon found him to be king in many ways, for his disappearing watch trick and his tactful method of commercializing his generosity with his ink bottle that paid 500 per cent., gained him the name of Textile's "Big Sport." After two hours of explaining the

why and wherefores of spinning and trying to account for a driver and driven, the king takes his roll book out and theoretically drafts us each to a responsible position in "Naab's Cotton Mill."

Scene 5. To all outside appearances this would be labeled a rest room. Each man is doing everything but what is assigned. Everyone is seated with a big board in front of him carefully shielding their actions. The prof. wanders about the room, scratches and erases for a few minutes at the papers that are tacked on the board. He usually feels that we have things a little out of proportion. After everyone has suffered this disturbance, he takes his place again and further continues his study while we remain at ease until he sometimes decides that we have had enough and class is over.

Scene 6. At this point we must stop and pay due tribute to the Class of '29. Because of the higher intellect of this class our worthy advisors have chosen us to be the first class to have the extreme privilege of a chemistry class on their roster for the entire period of three years. This scene is of no little importance. We gather in Room 201, while Prof. Theel shows us a few experiments that knock all laws of gravity out of existence and disturb us all in a similar way. He then goes on to explain the why and wherefore of it all in a language that acts as a good sleeping powder on most of us. Those who cannot sleep ask the prof. a few questions in order to convince him of the extent of interest in his audience and to impress on him that we didn't believe much of what he was saying, no matter how good it sounded to him. These questions usually brought him back within our reach until the bell paved way for a hurried exit from all this fog.

Scene 7. This same group all gathered around a room filled with sinks and water spigots. Each man breaks open a drawer and proceeds to pull out a mess of beakers, bottles and glass tubes for no good reason at all. Acid and alkali is being poured freely over everything in sight. A series of explosions follow which result in the room being filled with gasses that would be barred from even the most savage of warfare. Just as everything seems to be about settled for the morning our C & D rivals break into their section of the Lab and greet us with an open fire of wet sponges, etc. Amidst all this Prof. Byler ventures out from his hole in the wall and starts to explain what the work is all about by scribbling a lot of hieroglyphics on the board. In the midst of all this the bell sounds and the few that are left in the room make a hurried exit.

Scene 8. Here again we bump into Mr. MacClain, who this time is in company with a stout, heavy-set, old gent, whom he introduces as the

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"bouncer" but who later turns out to be a good friend, Dad France. It is here that we are supposed to bring into practice the contents of those famous lectures. The boys are scattered all about the room, each one working at some job or other. Swearing has become a necessity rather than a luxury as we struggle with the woof, etc. After each man has made enough mistakes for the day, we all join in the famous handclap to announce that all must get out or be thrown out.

Scene 9. Expressions heard about the room, "When is front left?" "When is back right?" "What is the Philadelphia System?" A curious frame with an infinite number of cords dangling from somewhere is surrounded by a good portion of the class and they handle its parts very tenderly as though the ghost of "Joe Jacquard" would descend upon them if they should dare to disturb anything. It is a great machine, but all this English, French and all sorts of combinations make an awful mess of it.

Scene 10. Towards the end of May, 1927, a crowd of men all gathered in the club room. Exams are about over and a general run of conversation indicates that most of the class are satisfied with the year's work and, those who are permitted, are talking about coming back for another year in September.

ACT II.

Time—September, 1927 to June, 1928

Scene 1. Groups of men scattered about the corridors, hands in their pockets and evidently money in their jeans. Everyone has a tale of the prominent part he has played in building up the industry during the summer months. The regulars already know more about the game than the average prof. and the C & D boys have done everything but discover a good white dye. We ought to see some real stuff this school year. On a recount we find that some of our mates from last year have deemed it advisable, for various reasons, to discontinue their endeavors at Textile.

Scene 2. Introducing the Agony Scene. A bunch of boys poking a drawing in hook through a heddle at a partner on the other side. Everything goes along nicely for a few minutes. An argument soon started on any subject in this gathering. Stan Bowers usually shuts the boys up when he bellows, "I'll bet 100 dollars." Stan is apt to lose that famous 100 some day, but it is a safe bet. Tex Woerner tries to convince the boys they should invest a few dollars with him at 120 per cent. interest. Amidst all this Wilmer, the famous radical, sneaks in and is greeted with a cheer from all. He sasses back at the audience and refuses to do anything asked of him. Everyone takes notice when big Bill Pfeiffer walks in and threatens to

bounce us all. At 4 o'clock the boys hang up their hooks and leave the rest of the work for Wilmer and Riley.

Scene 3. The Ice House Scene. Windows all up and everyone chilled to the bone. Prof. Bertolet standing in front of the room with a warm smile on his face. He spends one hour telling us how to dye when we are all freezing to death. He answers all questions asked and tries to get us mad enough to study. He brings us all back to mother's apron strings with his short lectures on morals and then bids us adieu for the morning. The windows are all closed as Mr. Algeo blows in and puts us through one hour of pure unadulterated arithmetic. This over we bump into Prof. Byler, who tries hard to explain something about a bunch of groups of metals or acids. It sounds pretty good to us all. He shows us a few pretty colors and then we all pile out.

Scene 4. More noise than a parade of skeletons on a tin roof. Every fellow is on his bicycle seat pumping a couple of levers with his feet and playing on his little piano with his fingers. Everyone is straining their necks as though waiting for the gun to start the race. The view from the other side shows a design on squared paper pinned on the board in front of each fellow. Every once in a while someone grits his teeth and says something that sounds like "gosh darn" and tears out a card. At 4 o'clock the fellows wander out with about 10 cards each.

Scene 5. "Practically speaking" this looks like work to us all. Here we meet John Lockwood with his pet cards and all their motions. The duties of a carding overseer get bigger and bigger as do our note books. These cards are great machines for work and it is a tough job to get them under the scull also. We wander out into the wool room and there Mr. Lockwood gives us all kinds of jobs to make life unpleasant. Unionalls become standard equipment in this course. That man Bramwell went through more motions to get a feed than a Philadelphia panhandler. It's all right though if you keep away from it. About 11.45 everything is out of order so we are told to get out.

Scene 6. The Hothouse Scene. All one sees around the room is tables filled with heaters and beakers. Everyone is "dyeing" to do his best. Crumbliss and Raub begin their open fire of wet rags and etc., when Prof. Joe walks in as he is explaining his penalties for such and he finds "The Flying Dutchman" is way ahead of the class and he empties a few beakers that put "Tex" behind in his place. About 3.45 the open fire starts again this time from another corner. When the bell sounds Prof. Goodavage accounts for everyone and we file out.

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Scene 7. Here again we bump into Mr. Lockwood. This time it is his more or less system that floors us all. We all sit around and look wise as he carefully places the gill boxes on the board. "What's it all about?" "What goes on top?" "Which gives more?" are frequent expressions heard about the room. Strange as it may seem we all get the same answer and we are told to report for work in the adjoining room where the gill boxes are gilling, the draw frames are drawing, and the tops are worked to their bottoms.

Scene 8. Exam schedule posted on the bulletin board. Everyone anxious to find out how long it will be before he is on his way home. Quite a few feel that they have learned enough but the majority are planning on a return trip next year.

ACT III.

Time—September, 1928 to June, 1929

Scene 1. A small part of the entire company gathered in the corridors exchanging greetings and relating their accomplishments during the summer. Each fellow tells his story and we find that '29 has been well represented in hospitals, gas stations and some few ventured into a mill for a while. We find on checking up that 60 per cent. of our original company have fallen by the wayside.

Scene 2. Right away this year starts out like a nice party. The opening chorus is led by John Lockwood, who has a series of notes in store about his famous mule. What a kick this has, too, and more motions than could be seen at the Gayety in many a year. To most of us it is just a series of cams, clutch boxes and bands, but it works pretty well in spite of it all. "Osty" and Stan Bowers must have been in a stable before, for they kept the animal pretty well tied up for us. By the time we get our exit papers we are supposed to be capable of spinning anything on this machine, but most of us are still wondering how to get the camshaft out. "Walt" Brown did his best to make it do anything but run right, which Mr. Lockwood failed to appreciate. About 12.15 Maud gets hungry, so Mr. Lockwood stops her for lunch and invites us to leave also.

Scene 3. Again we drift into Bill Pfeiffer's "Heddle and Harness Emporium." Our dear friend Wilmer greets us with his usual growl. He and Coggeshall have agreed to disagree for another year. This year is just one chain after another. Riley and Wilmer still refuse the splendid opportunities offered by the boys and we still do most of our own work. Big Bill Pfeiffer skids in now and then and tells us a few stories in his inimitable style and leaves us in good humor for the rest of the day. Occasionally he decides we need a little rest, so he sings us to sleep for an hour as he raves

— 1929 —

on and tears a loom in part just to keep himself in trim. At 4 P. M. Charlie is sweeping up the day's waste and we are all on our way.

Scene 4. The generosity of the Class of '29 is well exhibited in this class. "Punk" Crumbliss and Brownie are around gathering up the loose pennies which they so freely pass out in red-hot style to the Pierce school girls who are on their way to lunch. The boys are all gathered at the windows, watching their money take the air and listening for the words of appreciation that the fond passers-by bellow out as they accept our greetings. Occasionally Prof. Walters sneaks in and sets us back to work. We find that these antics have amused others, too, as Mr. "Bert" steps in and tells us that he has tuned in on the program also. He sets the idle ones to work and then leaves us again on our honor. At 11.30 Coggeshall makes his first appearance since the roll call. This is a sure sign it is time to quit and we all lock up and drift out.

Scene 5. Back again with our friend Mr. Algeo and his silent partner. This time we find we are "doupeing" ourselves in for all kinds of work. The sample collection for this year proved interesting to all. The competition for first honors between "Bob" and "Don," the owl brothers," was quite keen while it lasted. Evidently Don's Christmas holidays were just one party after another, for his famous collection of "bloomer cloths" would have made King Solomon blush. In spite of all this we mastered the subjects of three-plys, doupes and took good care of our piles.

Scene 6. Everyone is worried about Mid-year exams due to the Christmas holidays that have just passed. Everyone being here for a serious purpose, we decide to spend a few hours studying. 324 S. 16th Street is picked by most of the boys as a good study hall and each night before the exam we gather there for the session. Mr. Lockwood threatening to make things lively during the exams, the fresh-air fiends of the class "weather" their way through a blinding snowstorm to get a little advance dope on Mr. Lockwood's coming party. Mr. Lockwood's fine headwork made Brownie the "goat" for all this.

Scene 7. The cotton section are still teaching Johnny Naab a few things about the present condition of the market, knitting, etc. Production is going along fine and Naab's cotton mill is now producing about one million pounds per week according to the figures of "Punk" Crumbliss and Anderson.

Scene 8. How did this man Jacquard ever get up so many specifications about one machine? Mr. Cox walks in, hands us each a sample and tells us all he wants to know everything including the weaver's name and address

The Analysis

before we leave for the day. The class divides into two groups and the two minds get to work. In short order "Dubie" uncovers the dope for us all and by ten o'clock we are all at ease again and the classroom is rather vacant; some have stepped out to the barber shop and others have gone for a smoke, being assured that if we are back by 11.30 we will be there in time to greet the prof. About 11.45 Mr. Cox walks in apparently somewhat angered, because we have mastered this task and he informs us that all work must be in by the next class. At this point we are all dismissed.

Scene 9. The boys seem to be making an awful noise here, but don't be alarmed for they are just putting on their heavy flannels in preparation for Mr. Bert's open-air class. The prof. finds that he is welcome by the manner in which the boys rush to hold the door open for him. It seems as though he hasn't yet learned to live in a place with the hatches closed. Chief opens a few boxes and shows us a few samples that were dyed about 400 B. C., and then wanders on for an hour of history. He then reminds us all that he will admit us to his fold as soon as we discover a good white dye.

Scene 10. The Class of '29 have proven to Mr. Algeo that some day they will act as managers and for this reason he has instructed his assistant, Mr. Geise, to outline to us the various methods of charging up our costs and burdens. He found this was not as easy as dictating costs from the supply room window, for the boys had juggled expense accounts enough to know how to bring one cost under three or four different headings and get away with it. How to distinguish between productive and non-productive labor was a thought for all, but Coggeshall, the famous non-producer, settled this question just as the bell rang.

Scene 11. The question of the hour—Got a job yet? Who are you going to work for? What end of the game will you follow? The oncoming exams being our last, will send us out into the cold, cruel world. Most of the boys are all set but some few are still wondering who they are going to do. We are about to receive our beautiful hand-painted "Merino Skins," which, as we are amateurs, constitutes our remuneration for our more or less continuous acting in this melo-comic tragedy dramatized by us in our three years here.

Epilogue. The play is ended and the actors have disbanded and have become separated into all corners of the globe. Each man has played well his part in this, the minor stage, and is now about to take a bigger part in the play of life which he will do equally as well as he has done here with us. His return will be a world of happiness that has been aided greatly by those gone but never-to-be-forgotten days at "Philly Tech."

WILLIAM J. BRAGG.



*Class President, '29.
Crowfoot, '28, (President, '29).
Baseball, '27, (Captain, '28).
A. A., '28.
Delta Phi Psi.*

"Andy"

BENJAMIN P. B. ANDERSON

4145 Parrish St.
Philadelphia, Pa.
Regular Course

We feel that our book is well arranged when we start with Andy, for, just as A has long led our alphabet, so has Andy always been a leader among us. In baseball he was our star and Captain, in Crowfoot our President, and we also hold him in high esteem as President of '29.

Although illness has made Andy a member of the occasional club, we look upon him as a willing worker, a good fellow and a true friend to all. He is a firm believer in half holidays and usually accomplishes whatever he sets out to do. We all owe Andy a vote of thanks for that week-end in February, '29, which, in spite of his efforts, we all enjoyed in class.

Andy believes there is room for big improvements in the Cotton game and has specialized in this line. We have no doubt but what you can do it, Andy, and we feel that you will preside over the industry soon.



Swarthmore.
A. A. Director, '29.
Class Treasurer, '29.
Phi Psi.

"Stan"

E. STANLEY BOWERS

4311 State Road
Upper Darby, Pa.
Regular Course

This gentleman is Stanley, better known as Stan. He is just as nice as he looks, ladies, and twice as harmless. He is an ardent enthusiast of co-education and a staunch supporter of good times.

Stan, as we know him, is a steady worker, and his ability to master the art of building a harness chain has assured him that pleasure whenever a new fabric was to be constructed.

Stan's favorite pastime is telling Mr. France that he is absolutely wrong about a knitting machine and arguing with Mr. Lockwood about whether mule or frame spun yarn is best.

His ready humor has no limit, while his good nature makes it impossible for anyone to dislike him. As a textile man we expect a great deal from Stanley, due to his untiring efforts to master everything that confronts him. Reliability, perseverance and judgment are only a few of his good traits, and if, as we are told, these are the stepping-stones to the door of success, then Stan has but to knock.



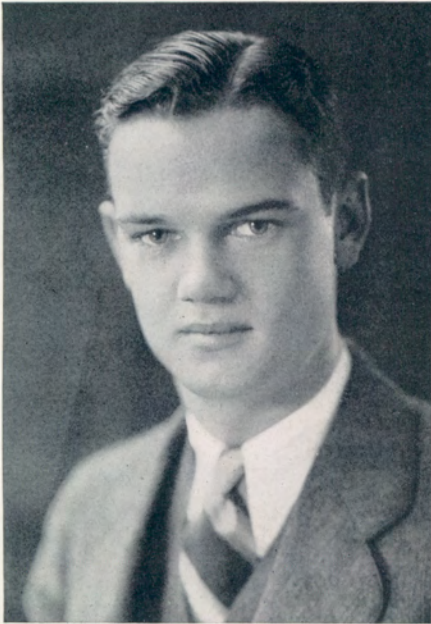
"Bill"

WILLIAM J. BRAGG

13 Douglas St.
Worcester, Mass.
Regular Course

*High School of Commerce.
Associate Editor of
ANALYSIS, '29.
Class Historian, '29.
Third Year A. A. Director.
Baseball, '27, '28.
Crowfoot, '29.
Mrs. Thomas Roberts Prize, '27.
Mrs. Henry S. Grove Prize, '28.
Phi Psi.*

Bill arrived three years ago from "Wooster." Coming here unheralded, as he did, it wasn't long before he gained no small attention after being locked in with Mr. France for several hours. That was just a starter, for although he came from conservative New England, he freely dealt out information at the right time. But after all, marks mean nothing—that is, school marks. So Bill caught the baseball fever after Easter and collected a few black-and-blue marks out on the south campus. There always were a few hidden bumps in that most wonderful lawn. When Red Wilkinson had the Textile Terrors (our football team in 1926) Bill did his share to help mess up the art school students who invaded or tried to invade the sacred south campus. His ability as a writer can be reflected from the work he has done in this book. It contributed greatly to the success of it. May all of your ventures be as successful as this and your school work. We expect big things up in "Wooster."



Woonsocket High School.
Track, '27, '28, '29, Captain.
A. A., '29.
Crowfoot, '29.
ANALYSIS BOARD, '29.
Phi Psi.

"Brownie," "P. W."

PRESCOTT WILLIAMS BROWN

48 Maple St.

Woonsocket, R. I.

Regular Course

No, not Prescott, but just Brownie. Very few people know him by his Christian name, that is except our neighbors on the other side of the building, with whom he became very popular. Although he has been through with the feminine sex for over two years, society just wouldn't let Brownie carry out his threats.

While at school Brownie has been one of the leading track stars. His brilliant running at the Penn Relays last year netted him the responsible position of Captain of our '29 team, which so successfully upheld our enviable record on the cinder path.

The leaders of the various branches of the textile industry are still waiting in breathless anticipation, because Brownie has yet to announce definitely which one he will favor. It is believed that he will migrate back to New England. We sure will miss you, Brownie, but we will look for a big rise in New England textile markets when you take your stand.



Lansdowne High.
Treasurer A. A., '29.
Crowfoot.
Delta Kappa Phi.

"W. L. (serious purpose)"

WALTER L. BROWN

50 W. Stratford Ave.

Lansdowne, Pa.

Regular Course

Some few years ago a young, ambitious chap from over in Lansdowne was visited by a wild sceptre with regards to following some brand of textiles. Rather than disappoint anyone, Brownie made his appearance on Textile's campus in September of '26.

From this time on Brownie has won his way into the hearts of us all. Realizing that he was here for a serious purpose and that he could not afford to spend six years more at school, Brownie applied himself diligently to every task assigned to him. When the work pertained to math you could rely on Brownie having it finished first, with the right answer, and informing us all that it was time to go along before the bell had rung.

Studies are not the only thing that have entered into Brownie's life for a serious purpose, as we have learned that his heart is beating seriously along one other line. You have chosen well, Old Pal, and may your worthy endeavors bring you a world of success and happiness.



Brown University.
Crowfoot, '28,
(Vice-President), '29.
Manager Basketball, '28.
A. A. Director, '28, '29.
ANALYSIS BOARD.
Phi Psi.

"Otie"

OTIS WELLS COGGESHALL

Providence, R. I.

Regular Course

What he lacks in quantity he makes up in quality. Otie, though small in stature, has played a very important part in the history of '29. His pleasant smile and winning personality soon gained him a host of friends and his refreshing humor made his presence a necessity to assure a good time for all. While at Textile Otie has set an enviable record as a willing worker and a good student. His ability to master the art of making a warp made Otie a favorite in the Power Weave Room, and his juggling efforts to "conduct" a perfect analysis in the Chem Lab is well worthy of mention. He has been a great help to us all as assistant prof in Textile Fibres. Beside all this, Otie found time to manage our basketball team in '27 and take an active part in Crowfoot and A. A.

As we bid Otie fond farewell we cannot help but say he has been a true friend and a real pal. Carry your splendid spirit into the wool game and success awaits you, old pal.



Chattanooga High School.
Class President, '26.
ANALYSIS BOARD, '29,
Business Manager.
Manager Track, '28, '29.
Tennis, '27, '28, '29.
A. A., '28, '29.
Crowfoot, '29.
Phi Psi.

"Punk," "Snowshoes"

HENRY CRUMBLISS, III

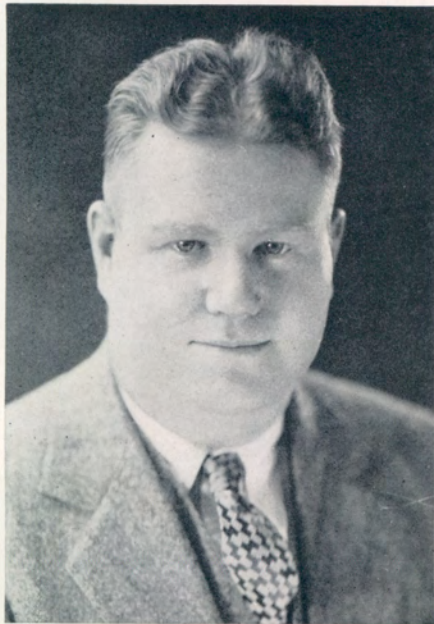
640 Boynton Terrace

Chattanooga, Tenn.

Regular Course

As Henry wanted to find out something about cotton, he packed his trunk, and after saying good-bye to the home folks, he hied out for Philly Tech. Recognizing his ability, the class of '29 bestowed the class presidency upon him, and in his second year he managed the successful mile relay team. So it was no more than natural that he should guide the financial destinies of this ANALYSIS, which he has successfully carried out.

When it came to defending the South in color harmony class, Punk, although alone, always held his ground. After these battles Punk most generally would break out into song, which took the place of the calm after the storm. Xmas starts earlier down South, as we all noticed by Hen's absence several days before our vacation started. But just the same, while Hen was here he made some close friends. May the South profit by what you have learned up North as we have profited by what you learned in the South.



Penn. Charter.
ANALYSIS BOARD, '29.
Baseball, '28.
Mrs. Thos. Clyde Prize, '28.

"Bob"

ROBERT SAXMAN CUNNINGHAM

Drexel Hill
Delaware County, Pa.
Regular Course

After starring for four years on the grid-iron and in other sports for Penn Charter, Bob cast his interest along textile lines. He soon made himself a popular boy with his ever-ready supply of real funny jokes and his snappy come-backs when some one was about to take him for a ride.

The first day of the first year found Bob busily at his work doing every task assigned him and doing it up "brown." Weaving was an art that Bob soon mastered and in his Junior year walked away with the prize for that department. In his third year Bob decided to major in cotton, but deemed it advisable to spend more time in school on other subjects, and for this reason he was appointed an honorary member of the "OWLS CLUB."

Bob leaves us with a broad knowledge of Textiles and we feel sure that he has a lot of advice that many mill men will be in search of. You will always carry the best wishes of the class of '29 with you, Bob.



"Dubie"

NORMAN DUBERSTEIN

1561 48th St.

Brooklyn, N. Y.

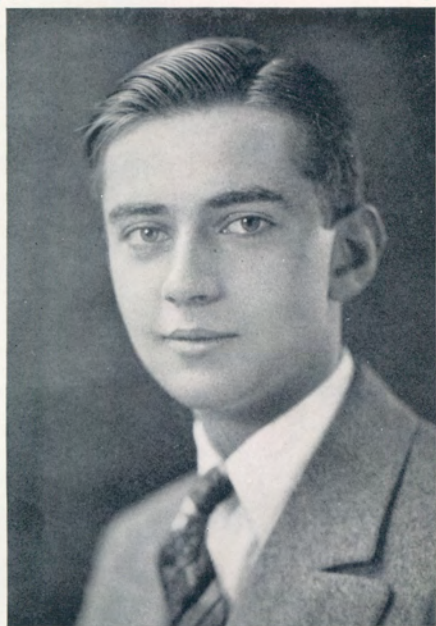
Regular Course

Manual Prep.
Crowfoot, '29.
Tennis, 27, 28, Captain, '29.
ART EDITOR OF ANALYSIS, '29.
Textile Club Secretary, '29.
A. A., '29.
Sarah Tyler Wister Prize.
Sigma Phi Tau.

This young man, strange as it may seem, hails from the gardens of Brooklyn. We sincerely hope if there are any more over there like him that they will wander into Textile's path. When one thinks of a student, then Dubie is second to none. His records have proven this, and as each year has come to a close, Dubie's name has adorned Textile's roll of honor. His creative mind and his ability to reproduce his ideas netted Dubie the Jacquard prize in his Junior year.

Dubie has honorably upheld the name of Textile on the courts for three years, being elected captain of our '29 team. His ability to persevere under all handicaps might well be proven in the fact that he and Rus formed a partnership in '26 that was to be dissolved only in '29. As Art Editor of the ANALYSIS, Dubie has contributed his best to the success of this book.

Designing seems to hold Dubie's interest and we feel sure that if he carries on that which he has started here at Textile, his life will be just a series of successful seasons.



Columbia University.
ANALYSIS BOARD, '29.

"Don"

DONALD EUEN MORGAN

616 W. 116th St.

New York, N. Y.

Regular Course

This tall, serious-minded chap has ability other than textiles, as the photography of our renowned ANALYSIS will prove; a knack of understanding radio and a method of approach that even our venerable profs just could not resist. Don, since joining us, has utilized every minute to the best of his advantage. His frequent noon-hour walks to Philly's historical spots have benefited him in many ways.

Don, after two years, decided that his efforts would be more effective in Cotton surroundings, and as a result specialized in this line. His energetic ability soon gained him a position of high esteem in the "Owl's Club," which he upheld loyally.

Don is one of the few brothers of Textile who believe a chapeau to be a detriment, and for that reason he will linger uncrowned in our fond memory. Don leaves us well versed on textiles as well as many subjects, and we feel sure he is bound to succeed elsewhere as he has at Philly Tech. Good luck and best wishes of '29 are with you, Don.



*Passaic High.
Class Historian, '28.
President A. A., '29.
Crowfoot.
Baseball, '27, 28.
Delta Phi Psi.*

"Ostie"

HENRY A. OSTERMANN

105 Van Buren St.

Passaic, N. J.

Regular Course

With a broad knowledge of woolens and worsteds, Ostie came to us direct from Passaic to tackle textiles from all angles. We soon found Ostie to be in earnest, as his records will prove. Ostie, we are proud to say, was the sole master of that "savage animal," Mr. Lockwood's mule.

Textile's Big Boy is a name that fits Ostie well, not only because of his stature, but because of the important part he has played in the history of '29. Well will we remember the many times that Ostie had to bring us to order during his reign as President of the A. A. and Textile Club.

As an athlete Ostie proved a big asset to our baseball teams for two years. Who will forget that bold theft of second base at Muhlenberg? Socially, well, Ostie was there. A prominent figure in all our dances, and we must admit that his offerings as Master of Ceremonies at the Interfraternity dance provided enjoyment for us all. With all this to your credit, Ostie, we will look forward to big things from you. Good luck and best wishes from '29.



*Rutgers.
Delta Kappa Phi.*

"Robin"

FRANKLIN RAUB

Chadwick, N. Y.

Regular Course

In our graduating class of '29, here is remembered one man in particular who possesses the unique ability of playing the role of two very interesting characters. First, that of the scholar—in this phase his portrayal has been excellent; one quick to grasp the most difficult, eager to plunge into the unsolvable. An attentive person, ready to accept the facts and question the theories. Second, the man of affairs—here the contour of our actor takes a decided but pleasant change. The serious phases of life have been swept aside to be replaced by pleasure, merriment and laughter.

In the clubroom Robin's presence has become a necessity. He has been a loyal supporter of Table Number One, and, as he has mastered his studies, so has he mastered this noble game at Textile. Life is just one "bank shot" after another, Robin; carry on as you have and success will be yours.



*Dwight Prep.
Track, '26, '27.
A. A., '28, '29.
Sigma Phi Tau.*

"Dave"

DAVID E. SINGER

52 E. 91st St.

New York, N. Y.

Regular Course

Dave hails from a little town at the foot of the Hudson River, commonly known as New York. Entering Textile in '26, Dave immediately caught the spirit and went out for track that year, as well as the year following. Working in his second year with Wilmer as a partner, Dave showed the same speed in Power Weaving that he exhibited on the cinder path.

The violin, a difficult instrument to handle, as we all know, was soon mastered by Dave, who now plays like a genius. Not content with being a musician, he also aspired to be a magician, and has kept us entertained for three years with an assortment of card tricks that is hard to beat. A well-known clubroom figure, he can be seen any noon hour unloading his nickels at the pool tables or trying to beat Mr. Naab at chess or checkers.

We certainly wish Dave all the possible luck and success in his endeavors in the Textile world.



Northeast High.
Delta Kappa Phi.

"Russ"

RUSSELL EDWARD WOERNER

1519 68th Ave.

Philadelphia, Pa.

Regular Course

A word about just plain Russ. When Textile fell lot to Russell's choice of a life vocation, we were the honored ones. Russ is of a dual personality which, when occasion arises, breaks down into its two component elements of character. At such times when serious thought is the force of control of his actions, Russ exhibits an unusual stubbornness of conviction—a valuable asset in this life of practicability. One recalls the incident when the "fulling mill boy" slipped on the "peel" of good humor which resulted in such a "flock" of explanatory omissions about Wool Grading that he was thereafter esteemed and regarded by his classmates as the Asst. Prof in that subject.

Russ possesses the rare quality of filling even the dullest moment with more than its share of laughter and merriment, and his ready wit and humor have made him a beloved member of '29. It is a sad moment when we bid him farewell. Russ is "fulled" with "flocks" of practical knowledge, and in "finishing" we will say, "Don't nag your help; get back to the 'office' when everything is O. K. and success awaits you."



*Textile High School,
Class Treasurer, '29.
Sigma Phi Tau.*

"Moe"

MOE M. AMSTERDAM

1889 Bergen St.

Brooklyn, N. Y.

Chemistry, Dyeing and Printing

Behold the sophisticated air of the above features. Of course, he is from New York. And while there he obtained a head start by going to Textile High School. The king of the chemistry and dyeing world would be crowned if Moe knew his Ph's and benzene rings as well as he knows the latest song and dance hits. In fact, he sings so well (?) that one night he was a bishop in the opera. He was paid one dollar (to keep quiet). However, Moe loves the dear old school so well that he lives right in back of the school so that he can sleep until 8.55 every morning.

He is looking forward to and preaching of the rapid development of Brooklyn, where he intends to settle down. As the leading man is Moe, we expect to hear of great doings in the laundry racket in Brooklyn.



*Paterson High School.
Class Vice-President, '29.
Tennis Manager, '29.
A. A., '29.
Crowfoot, '29.
Phi Psi.*

"Hen"

HENRY CHARLES HENNIG

201 Highwood Ave.

Glen Rock, N. J.

Chemistry, Dyeing and Printing

Henry comes to us from the garden spot of New Jersey, and the above features of our Adonis are not due to this, but to the faithful use of Sweetheart Soap. He leaves us with great regret, and if you don't believe us, ask Hen about his love for dear old Textile.

His line is Chemistry, and greater love hath no man than Henry when it comes to work and play. If work, work it is, with all seriousness. When play, hold your nose and watch, as Hen is trying to find a new perfume or a substitute for TNT. Several times he has been rather successful.

Socially, our Henry is rather inclined to leave it to the other boys to carry on. His manner is quiet and reserved and he is a true gentleman and a fine friend.

He came, worked and departed with a knowledge of chemistry and dyeing. The C and D wish you a bon voyage, success and happiness.



Girard College.
ANALYSIS BOARD, '29.
Crowfoot, '29.

"Carl"

CARL JULIUS SPENGLER

1114 E. Columbia Ave.

Philadelphia, Pa.

Chemistry, Dyeing and Printing

As yet, no one seems to remember where Carl was when we took our exam in 110. The best theory is that he came, calculated and conquered that well-known obstacle before the rest of us finally found the school. At least he arrives every morning at 8.55 and by 4.05 is well on his way to Frankford. Many are the mornings we would have shivered if Carl had not been on deck to light the dyehouse stoves for us. But he evidently took Mr. Bert's Fresh Air Idea to heart, for as soon as the C and D odors started to collect, Carl would suddenly open the windows and several carefully guarded experiments would lightly fly to the floor.

When it came to basketball, he was the backbone of the cheering squad. He also vied for honors in the ice man's club and the distilled water association. He sure could wield a mean wash-bottle, and if he shoots ahead in business as straight and as fast as he did in Chem Lab, duPonts had better watch out.



*Dickinson High School.
Manager of Basketball, '29.
A. A., '29.
Crowfoot, '29.
Editor of ANALYSIS, '29.
The Sigma Phi Tau Prize, '27.
The Anna E. Simnot Prize, '28.
Phi Psi.*

"Wee"

WILLIAM FRANK UHLIG

15 Columbia Terrace

Weehawken, N. J.

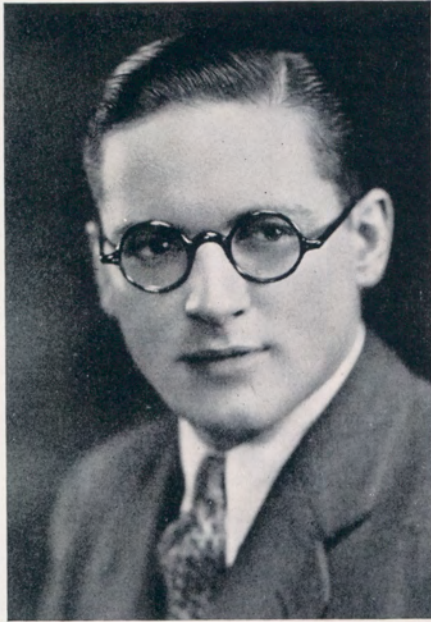
Chemistry, Dyeing and Printing

Who ever heard of Weehawken? It is next to the biggest city in the world, and since Wee entered Textile we have heard plenty of it. We soon learned that a small fellow could make a big noise. This may be well proven in the fact that just as everything was peaceful in the Chem Lab (a rare occasion) Wee would set off one of his famous Flashlights and then resort to his pet wash-bottle as his sole means of protection. It proved a good means, too, for Wee seemed to have little trouble in making us keep our distance.

In spite of all this, Wee has been much more to all of us than a source of mischief. His ability to master that profound subject of Chemistry has made him an authority and he has been a saviour to us all on the eve of that much-dreaded exam.

His ability as a writer is shown on every page of this book, and his untiring efforts to make it a success, in spite of all handicaps, are well worthy of mention.

We, the class of '29, bid Wee fond farewell and say, "He's been a real good fellow and a pal to all." May his life be "dyed" in a bath of happiness filled with the colors of success.



Harvard College.
Phi Psi.
Assistant Editor of ANALYSIS.

"Jawn"

JOHN DUNBAR COMINS

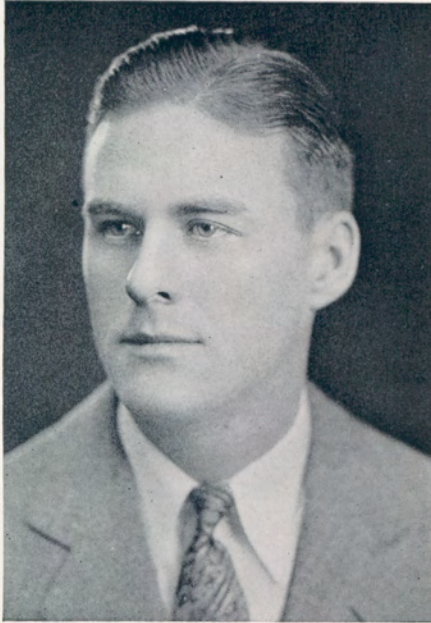
104 Merrick St.
Worcester, Mass.
Wool and Worsted

When the Textile Industry seemed to be headed for a downward trend, Jawn was answering the roll call at Fair Harvard. It was a sense of duty that caused this boy to desert the ranks of the Mother School and join the ranks of '29 at Philly Tech. From the first day on Jawn made friends, friends, and more friends. This may be realized as one sees him sauntering o'er Textile's Campus receiving the cheery greetings from all quarters, which are extended to him from the most humble Freshman to highest of dignified Seniors.

John's ability as a student has no end and his novel ideas have given us all much fruit for thought along various lines. Possibilities of hollow yarn and the setting of the doffer by eye have set this great mind to work.

Jawn's powers of argument and ability to convince have assured him the position of Textile's Arbitrator and Attorney for the full period of two years. Under such leadership we have never tasted defeat.

In Jawn, the class of '29 presents to the textile world a good student, a loyal worker and a friend to all who know him—need we say more?



N. Y. U.
Tennis, '28, 29.
A. A., '29.
Delta Kappa Phi.

"Joe"

JOSEPH PAUL CONDON

Boonton, N. J.

Wool and Worsted

Joe came into our two-year wool class from somewhere in the commuting country around Manhattan. From the first day he appeared in the clubroom everyone knew him. You couldn't help it. There is a gleam in his eye that betokens the genuine humor characteristic of the fighting blood his name implies.

In his lighter moments, of which there are many, that sparkling personality turns to social graces to such an extent that many among us are still wondering on which side of the building he is officially enrolled. When the fine points of fabrics, weights, prices and profits enter a discussion, his experience as a man of the mercantile world usually makes him an authority. Beneath it all there is a personality so strong that it rules even the man himself, and as the future unrolls its chapters in Joe's career, we who knew him at Textile will say, "He chose for himself a path and was his one and only guide." We wish him good luck and leave the rest to him.



*Westerly High School.
Basketball, '28.
Phi Psi.*

"Andy"

ANDREW SCOTLAND MACKENZIE

Ashaway, R. I.

Wool and Worsted

Ah, there's a name for you! The heritage of Bruce, Burns, and Lauder. What more could we desire for a friend and companion? The wool class knows him as their guiding star and benefactor. From the Plain Weave to Double Cloths with extra fillings, you could depend on Mac having his punched in the right place. If any one thinks that Noble race is tight, they forget his inexhaustible supply of Life Savers and spare fountain pens.

When the world needs entertainment, Mac can be counted on, with his banjo and an ever-ready supply of songs and stories. As for his gentler moments—well, girls can't resist red hair, and Mac's a friend to everyone.

There is a great future for our Mac. He has determination and initiative. None there are who seek more constantly new ideas on life and textiles, the habit of working hard, for everything came to him early in life, and with the opportunities of an honestly gained education he will go far on the pathway to success.



Sigma Phi Tau.

"Red"

WILLIAM B. STERN

121 S. Lake St.

Albany, N. Y.

Wool and Worsted

Bill, whose picture adorns the better half of this page, needs but little introduction. There are but two almost negligible items that keep Bill from rivaling the Prince of Wales. One is the fact that Bill is a strawberry blonde and the other that he does not ride man-killers. The fact that he hails from the town of brown derby politicians, shoddy and lots of very fine whoopee-juice is sufficient to condemn him before the society of the civilized world.

While at school Bill has not only broadened his knowledge on textiles, but has acquired an art of wielding a cue that has given rise to much comment about school. His efforts to accumulate those Albany Buffaloes have twisted his body into various shapes during our noon-hour recesses in the clubroom.

Now he is leaving us and going back to that quaint old spot in New York, and he carries with him the valuable data on the wiles and haunts of the sheep tick. This bit of information will stand him in good stead when he is working on his fifth million. May you get it, Bill, with a world of happiness as interest.



Delta Kappa Phi.

"Hermie"

HERMAN WITTIG

97 Mahr Ave.

Clifton, N. J.

Wool and Worsted

"The Little Dutchman" is one of the really bright spots in our memories of P. T. S. Over in Passaic, where XX merino is considered poor stuff and XXX and Pilsener about right for bringing up children, our friend "Shpeendilz" could sort a fleece with his eyes shut. He came to Philly to learn more of textiles and to see something of the world. After a year's residence downtown he moved way out near the end of the Olney Stage Line and we lost track of his outside activities; however, we do know that he is always right on the job when the bell rings, and he stays there until the work is done or the explanation clear.

Hermie is leaving Textile with the best wishes of his classmates. We know that his determination and optimism will help him in a successful career in the wool business.



Allentown Business College.

"Pal"

PAUL BITTNER

Park Ave.
Slatington, Pa.
Silk Course

It was an industrious, persevering chap that came from a little town near Allentown to learn the business of Textiles at P. T. S. After becoming acclimated the first year, he certainly proved his marked ability in his second year. Whenever any real work was to be done there was always that willingness from Pal that we know will some time account for his success. In order to be a leader a man must know his work; Pal not only knows his stuff, but he actually likes his work, and for this reason we feel sure he will go to the front.

Beneath Pal's ability and enthusiasm lies a firmness of nature that has made him more than one friend in Philadelphia. We, who knew him as fellow student and a companion, wish him well as he joins the ranks of the Silk Industry.



Horace Mann High School.
ANALYSIS BOARD, '29.
Baseball, '27-28.
Phi Psi.

"Bronc"

KENNETH Y. BRANCATO

93 E. 38th St.

Paterson, N. J.

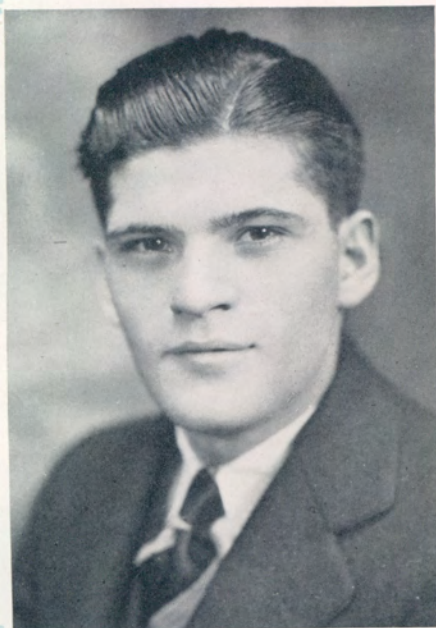
Silk Course

Wow—he's in again.

Kenneth, better known as Bronc, is from Jersey, or better (maybe worse) Paterson. His particular talent lies, not in the way he neglects work, but in the graceful manner in which he disposes it. Bronc wields a mean brush when it comes to designing. His course in the north wing may have something to do with this.

In the spring of '27 he was one of the mob out on the south campus, getting rid of some energy by chasing baseballs around. When the team was finally chosen, he was pulling in the few that ever crossed the plate. He filled the same place in '28.

Bronc is undecided as to whether he will follow silk or artificial silk. He has made a study of silks, both in and out of school. He also is well versed in that green cloth known as billiard cloth. He can shoot a mean game of pool, and we all hope that he is as successful in silks as he is at Textile's noon-time game.



Erasmus High.
ANALYSIS STAFF,
(ADV. MGR.), '29.
Class President, 2d Year.
Crowfoot, '29.
Sigma Phi Tau.

"Lew"

LOUIS EMILE KATZ

250 Crown St.

Brooklyn, N. Y.

Silk Course

Little did the town of Brooklyn realize the enviable record she was setting up when Lew cast his lot toward P. T. S. We are sure no more capable and industrious chap could have come to us. From the time he made his appearance, Lew has been a leader and a popular boy amongst us all. His keen business ability soon gained him many responsible duties here at school. President of the Junior Class and Advertising Manager of this book are but two of his many accomplishments, and we are sure none other than Lew could have done such a noble job. The Crowfoot Society recognized his loyalty by conferring honorary membership upon him in his senior year. In spite of all this, Lew has been a prominent figure in all social activities and willing to do all in his power to put them across.

As Lew leaves us he intends to enter the merchandising end of the game. The class of '29 recommends him as a fine fellow, a willing worker with a good knowledge of textiles, and sends him forth with their wishes.



*Evander Childs High School.
Baseball, '28.
Phi Psi.*

"Bill"

WILLIAM E. WINTRICH

216 E. 201st St.

New York City

Silk Course

Bill came to Philadelphia Textile direct from the silk district of Madison Avenue, with the idea of furthering his knowledge of fabrics, and since has been striving to make the best of his opportunity.

Bill never causes any disturbance by unnecessary ejaculation of our English language, and far be it from him to conduct a lengthy filibuster on the unruliness of atoms, but he is ever ready to add a bit of droll humor to the occasion, the art of which he has mastered to perfection.

Aside from his scholastic work we find Bill accomplished at the piano and when spring time comes you'll find him active on the ball field.

We don't know much about Bill in his gentler moments, but we have yet to notice him lacking for a partner at the school dances.

Bill is one of those fellows who moves into action suddenly, out of his silence, and without notice; then acts at a high speed and in a straight line until his object is obtained. His sincere, earnest endeavor, coupled with a willingness to do, assures him a successful business career.



*Basketball, '28.
Delta Kappa Phi.*

"Windy"

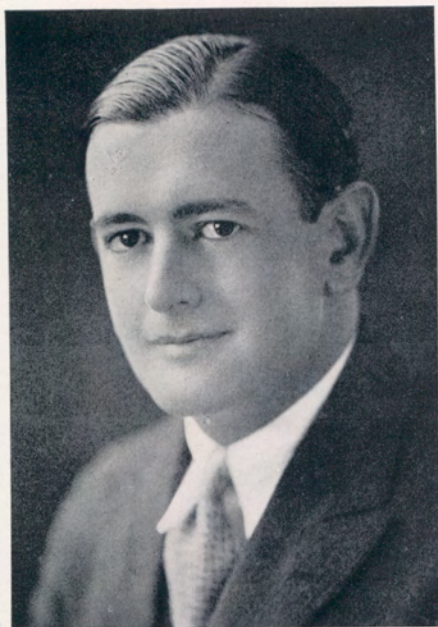
HAROLD W. CARPENTER

Limekiln Pike
Philadelphia, Pa.

Cotton

Two worthy professions received a distinct loss when Windy landed at Textile. Not only that great institution, The Philadelphia Bar, but Professional Basketball, missed a worthy member when this boy succumbed to the lure of the shuttle. Given the small but enthusiastic audience of the Drawing-in Room, he can thrill his assembly from tears to cheers with the intricacies of "dribbling" or "correct stitching for double cloths." From time to time, moreover, interesting rumors of a romantic nature cropped up around this boy and the knowing ones are wont to remark "he has a wav about him."

If enthusiasm and determination mean what they should in the industrial world, we may expect great things of Windy in his chosen field. '29 joins hands in bidding you farewell, Windy; confine your efforts to textiles and your achievements will be far from limited.



Emery University.

"Bill"

J. WILLIAM O'NEAL

West Point, Ga.

Cotton Course

Here we have a young man known as the "Georgia Boy," who brought with him all the customs and gentle manners traditional to "God's Country" (better known to us as the South).

For the past two years Bill has delighted everyone with his southern drawl, and his local phrases and expressions we have been unable to imitate. His "I reckons," "over yonders," and "Hey, Boy" soon became by-words around the dorms. (Rooms 46-57 incl.)

Although an excellent student, Bill found time to display his infinite variety of harmless pranks, many of which he learned during his sojourn at Emery.

Coming from the land of Cotton, "Boy" has delved into the mysteries of this fibre, and we are certain that the knowledge he has acquired here will assure him success in the textile field.

“Graduates”

THREE YEAR REGULAR

Benjamin P. Anderson, ΔΦΨ.....4145 Parrish St., Philadelphia, Pa.
 E. Stanley Bowers, ΦΨ.....4311 State Road, Upper Darby, Pa.
 William J. Bragg, ΦΨ.....13 Douglas St., Worcester, Mass.
 Prescott W. Brown, ΦΨ.....48 Maple St., Woonsocket, R. I.
 Walter L. Brown, ΔΚΦ.....50 W. Stratford Ave., Lansdowne, Pa.
 Otis W. Coggeshall, ΦΨ.....Providence, R. I.
 Henry Crumbliss, 3d, ΦΨ.....640 Boynton Terrace, Chattanooga, Tenn.
 Robert S. Cunningham.....Drexel Hill, Delaware County, Pa.
 Norman Duberstein, ΣΦΤ.....1561 48th St., Brooklyn, N. Y.
 Donald E. Morgan.....616 W. 116th Street, New York City
 Henry A. Ostermann, ΔΦΨ.....105 Van Buren St., Passaic, N. J.
 Franklin Raub, ΔΚΦ.....Chadwick, N. Y.
 David E. Singer, ΣΦΤ.....52 E. 91st St., New York City
 Russell E. Woerner, ΔΚΦ.....1519 68th Ave., Philadelphia, Pa.

CHEMISTRY, DYEING AND PRINTING

Moe M. Amsterdam, ΣΦΤ.....1889 Bergen St., Brooklyn, N. Y.
 Henry C. Hennig, ΦΨ.....201 Highwood Ave., Glen Rock, N. J.
 Carl J. Spengler.....1114 E. Columbia Ave., Philadelphia, Pa.
 William Frank Uhlig, ΦΨ.....15 Columbia Terrace, Weehawken, N. J.

WOOL AND WORSTED

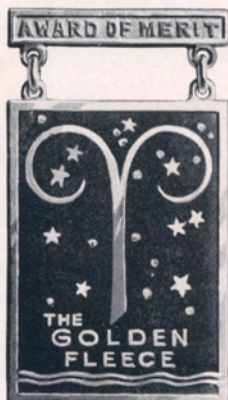
John D. Comins, ΦΨ.....104 Merrick St., Worcester, Mass.
 Joseph P. Condon, ΔΚΦ.....Boonton, N. J.
 Andrew S. Mackenzie, ΦΨ.....Ashway, R. I.
 William B. Stern, ΣΦΤ.....121 S. Lake St., Albany, N. Y.
 Herman Wittig, ΔΚΦ.....97 Mahr Ave., Clifton N. J.

SILK COURSE

Paul Bittner.....Park Ave., Slatington, Pa.
 Kenneth Y. Brancato, ΦΨ.....93 E. 38th St., Paterson, N. J.
 Louis E. Katz, ΣΦΤ.....250 Crown St., Brooklyn, N. Y.
 William E. Wintrich, ΦΨ.....216 E. 201st St., New York City

COTTON COURSE

Harold W. Carpenter, ΔΚΦ.....Limekiln Pike, Philadelphia, Pa.
 J. William O’Neal.....West Point, Ga.



*Presented by
The Wool Institute, Inc.,
to*

WILLIAM JOHN BRAGG

*in recognition of outstanding
excellence in academic endeavor
in studies related
to the*

*Wool and Worsted Industry at
the Philadelphia Textile School*

PAGEANT OF THE GOLDEN FLEECE

March 22, 1929

The Golden Fleece, a pageant of the Wool Industry, and sponsored by the Wool Institute, was held at the Hotel Roosevelt, New York City, for the purpose of bringing before the eyes of both the producer and consumer alike the wide possibilities of the uses of woolens and worsteds in the diversified fields of consumption.

An exhibit of the work of the students of the school in one of the rooms adjoining the grand ballroom was a feature of the exhibit. The display was the subject for no small discussion and comments among the "big guns" of the industry. To top this, the Wool Institute set aside Friday night as Philadelphia Textile School Night.

The climax of the evening was reached when A. D. Whiteside, president of the Wool Institute, made a presentation of the Golden Fleece Award of Merit to William J. Bragg of the Graduating Class of '29. A picture of the medal and a copy of the inscription on the back, designating its purpose, is shown above.



JUNIORS

Huby

The Analysis



— 1929 —

Junior Class

Officers

President

LOUIS E. KATZ

Vice-President

JOSEPH P. CONDON

Secretary

EVERETT R. MACCLUGGAGE

Treasurer

W. FLACCUS STIFEL

Historian

WALTER W. HUMECKY

Athletic Director

WILLIAM DEVITT, JR.

Class History

History has origin.

The origin of this history is the time of the traditional "visit" to Mr. Giese, where one was financially relieved but bodily burdened with supplies.

Soon after a timid, shy group faced Mr. Algeo in Room 303, the place where they later gathered time and time again to toil, paint and conquer various weaves and "pick-outs."

Under the guidance of Mr. Algeo, the patience of Mr. Giese and Mr. Byler, the coaching of Mr. Naab, and tutoring of other teachers, treatment of the various textile subjects was administered to the "infantile" division in various doses.

By the end of the first quarter, socially speaking, most of the "greenness" and timidness of the freshmen was rubbed off, and they enjoyed their first class election, when Laib and Shirer were chosen to lead the class.

Other social functions followed, namely the "Textile Hop," several fraternity dances, the inter-fraternity dance, and the Crowfoot Banquet. These being immensely enjoyed by the participants.

When spring dawned upon P. T. S. one could hear the "thud" of baseballs against leather gloves coming from the direction of the front "campus," where Textile was developing her "ball" team. The class has also accommodated to other athletic channels of the school by contributing several men to the basket ball and tennis 'varsity teams.

When the class' first "finals" arrived, a pall fell upon the school. Midnight oil was burned, "grinding" was begun, and women were neglected. However, with integrity and perseverance, the "bridges" were crossed, and the casualties were few.

The Analysis

With the "exams" over, the lockers cleaned of their "junk," books assembled, luggage packed, the members of the class, amid numerous farewells, dispersed for various destinations, to enjoy their summer vacation.

Hardly before one realized, they were back in school again, summer over, and looking forward to another enjoyable year.

This year the class was divided into numerous divisions, but principally into two groups, those who took their work seriously and those who did not. Particular credit is due to Sheppard for his good humor and his wholesome mimicry.

Once more weaves were painted, cloth was "picked," warps were made, vile fumes issued forth from the "chem." lab., and the "eight-ball" banked in the "side."

However, pleasant interruptions helped to balance the monotonous grind in forms of dances, pool tournaments, freshman fraternity initiations and class elections. At this latter-named event the worthy Katz was chosen as the class president, with Condon as vice-president.

Having exhausted the outstanding incidents of the class to date, termination follows, but not, however, without proper phraseology, carrying the trend of the class, in saying that:

"Last year we came,
This year we saw,
Next year we conquer."

W. W. H.



SECOND YEAR REGULAR

William Devitt, Jr., ΔΦΨ Allenwood, Pa.
 Thomas H. Andrews, ΦΨ Rose Tree Farm, Media, Pa.
 Nelson K. Fite, ΦΨ 6207 Fairhill St., Philadelphia, Pa.
 Wm. John Lotz 517 67th Ave., Philadelphia, Pa.
 William Bruck 1039 S. Union Ave., Los Angeles, Calif.
 Jacob Jarmac 29 Judson Place, Ansonia, Conn.
 Fred B. Lewis, ΔΦΨ 32 Hill St., Shelton, Conn.
 George P. Shirer, ΦΨ 901 McCartney St., Easton, Pa.
 Fred H. Heinrich, ΦΨ 520 Burk St., Jersey Shore, Pa.
 George T. Downs, ΔΚΦ 4708 N. Broad St., Philadelphia, Pa.
 Louis Semel 52 Bartlett St., Brooklyn, N. Y.
 Henry J. Hillman 342 Belmont Street, Fall River, Mass.
 Philip B. Satinsky 1813 N. 33d St., Philadelphia, Pa.
 David Aboff, ΣΦΤ 1176 E. 87th St., Brooklyn, N. Y.
 Frederick L. Knecht, ΦΨ 97 Ayerigg Ave., Passaic, N. J.
 Charles W. Laib, ΦΨ 5130 Berteau Ave., Chicago, Ill.
 Harry F. Smith, Jr., ΔΦΨ Whitemarsh, Pa.
 Walter W. Humecky, ΔΦΨ 4308 Horrocks St., Philadelphia, Pa.
 Hugh S. Harpole Pittsfield, Ill.
 Albin A. Bschorr, ΔΚΦ 1152 Boston Rd., New York City
 Hambleton D. Sheperd, ΦΨ 307 Clwyd Rd., Cynwyd, Pa.

SECOND YEAR C. AND D.

C. Edwin Blood, ΦΨ 151 Elmwood Ave., Passaic, N. J.
 Herbert C. Everts, ΔΦΨ 118 Fourth St., Watkins Glen, N. Y.
 Everett R. MacCluggage, ΔΚΦ Jewett City, Conn.
 Kenneth W. McKenzie, ΔΦΨ 6 Hawthorne St., Rutherford, N. J.
 Victor J. Orlandi, ΔΦΨ 831 Brodhead St., Easton, Pa.
 Anton Sobocinski, Jr., ΦΨ 74 Main St., Seymour, Conn.
 Herman H. Steigler, ΦΨ 2725 East Drive, Fort Wayne, Ind.
 Wm. Flaccus Stifel, ΔΦΨ Hubbard Lane, Wheeling, W. Va.
 George Wiseman, ΦΨ 96 Prescott Ave., Paterson, N. J.



FRESHMEN

Iluby

The Analysis



-1929-

Freshmen Class

Officers

President

CLARENCE F. GORMAN

Vice-President

EDWARD T. BISCHOFF

Treasurer

HARRY J. WRIGHT

Secretary

HENRY ALLEN GOTTSCHALL

Historian

THOMAS H. HART

Athletic Director

CHARLES W. THOMAS

Class History

The early days of September found many trains speeding to Philly, bringing various members of Class of '31 together. Our first impulse on arriving in a strange city was to visit our future place of learning. The first two visits proved unsuccessful, as we were unable to muster sufficient courage to enter its portals for fear of some upper classman seeing us. Finally wandering in, we saw things that convinced us that we would like our course. We were soon informed, however, that the Textile School was on the other side of the building.

On Monday, September 17th, the class met as a body for the first time in the annual celebration of that old tradition, "The Arithmetic Test." We wandered aimlessly into Room 110, and with shaking knees and a weak voice gave our name, for which we received several sheets of blank paper and paper full of problems. The school tradition being supported in the duly authorized manner, we proceeded to look for our lockers. Who would think of hiding lockers in such a place? Next we were officially introduced to Mr. Giese, who relieved us of some bank notes for a truck load of articles classed as "supplies."

Wednesday, the 19th, found us back in Room 110, ready and anxious to begin work. We were welcomed by Mr. E. W. France, who introduced us to part of the school staff, which was followed by a division of the class into various sections.

The C. & D.'s went right to work, breaking chemical apparatus and trying to blow the rear part of the school into the middle of Broad Street. The regular course and the others became deeply entangled in a mass of looms, warps and weaves.

The early part of October found the class assembled for the election of officers of the class. After much campaigning and after many ballots, Gorman was found to be the leader of the class for the year. Having become so interested in our work, October and November slipped by before we knew it. The Textile Dance! Our first social in the school. The Thanksgiving Holidays! How we enjoyed them and eagerly looked forward to Christmas, which soon came rolling along. Basket ball season, in which many of our members took part.

The new year of 1929 found us making a final spurt to pass the term climaxed with mid-year exams. After successfully passing the ordeal, which lasted almost two weeks, we started the new term with a renewed spirit.

February 21st found the school fraternities out in full force attending the Inter-Fraternity Dance. Many members of our class were present on that gala occasion, being seen with their latest or best flame.

Spring sports next attracted the class. On all of the school teams some members of our class could be seen.

May found us working hard preparing to celebrate another well-known and long-to-be-remembered occasion—final exams.

Our first year at P. T. S. has been one of great interest to us. On leaving the school for the summer, it is our earnest hope that we may return next year.

The Class of '31 wishes to Class of '29 great success in their coming endeavors in the textile world.

THOMAS H. HART.

FIRST YEAR REGULAR

Ferrer Canova, ΔΦΨ	1032 S. Hall St., Allentown, Pa.
John H. Fridlington	698 Jefferson Ave., Grantwood, N. J.
Stanley R. Green	210 W. 70th St., New York City
John S. McConaghy	Bowman Ave., Merion, Pa.
Ferdinand W. Fritsch, ΦΨ	21 N. Buffalo Ave., Ventnor, N. J.
Richard K. Palmer	308 Park Ave., Stroudsburg, Pa.
Zephir J. Chagnon, ΦΨ	168 Washington St., West Warwick, R. I.
Clarence F. Gorman, ΦΨ	6528 Greenview Ave., Chicago, Ill.
Alfred A. DiCenso	4 Garrison St., Paterson, N. J.
Bradford F. Hull, ΔΚΦ	505 E. Washington Lane, Philadelphia, Pa.
Benn H. Nelke	Midland Park, N. J.
Henry A. Gottschall, ΦΨ	Wayland, N. Y.
Raymond J. Singer	52 E. 91st St., New York City
Robert E. Isaacs	2362 Bayview Ave., Far Rockaway, N. Y.
John A. Driscoll, ΔΚΦ	434 Sabattus St., Lewiston, Me.
James G. Johnson	490 West End Ave., New York City
Bernard J. Rosen	1206 Eastern Parkway, New York City
Lester E. Keiper	455 W. Oley St., Reading, Pa.

Jerome A. Koerber, Jr., ΦΨ.....6124 Christian St., Philadelphia, Pa.
Charles D. Bean..... Skippack, Pa.
Howard P. Galloway, ΦΨ.....5635 Whitby Ave., Philadelphia, Pa.
John C. Stephenson.....Fidler and Ditman Sts., Philadelphia, Pa.
Edward T. Bischoff, ΦΨ.....27 Mt. Morris Park, West, New York City
Carl Koella.....Rockford, Tenn.
Jack J. Lyon, ΦΨ.....Waymart (Wayne Co.), Pa.
Morton K. Davidson, ΔΚΦ.....143 Spring Rd., Carlisle, Pa.
Charles W. Thomas, ΦΨ.....8235 Jeanes St., Philadelphia, Pa.

FIRST YEAR WOOL

Ferdinand S. Kaiser, ΦΨ.....187 Madison Ave., Clifton, N. J.
Arthur Kruck, ΔΦΨ.....106 Prospect St., Norwich, Conn.
Harry J. Wright, Jr., ΦΨ.....203 North St., Mayfield, Ky.
Henry D. Mackie, ΦΨ.....493 River Ave., Providence, R. I.

FIRST YEAR COTTON

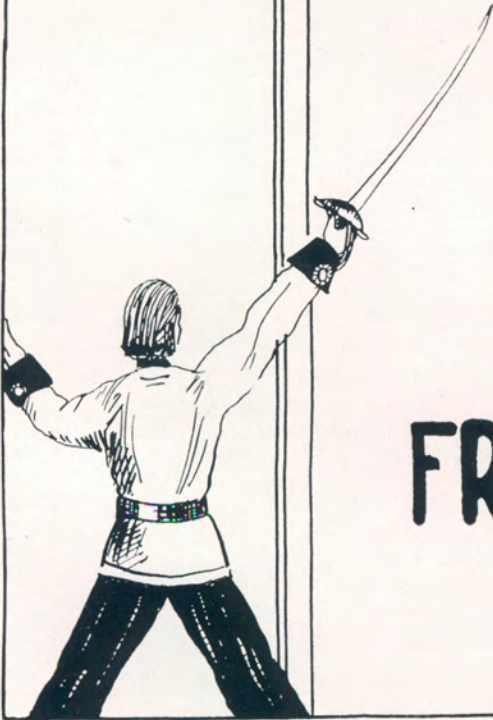
David K. Malcolm, ΦΨ.....22 4th St., Hanover, Pa.
Reuben Herzfeld.....West Point, Ga.
Ernest G. Scotten, Jr., ΦΨ.....428 S. 12th St., New Castle, Ind.
Richard L. Dodge, ΦΨ.....150 Hamilton Ave., New Rochelle, N. Y.
Walter A. Sennehauser.....Main St., South River, N. J.
George H. Klingberg, ΔΚΦ.....125 N. Fairview St., Lockhaven, Pa.

FIRST YEAR C. AND D.

Russel Friedbaum.....6527 Park Ave., Philadelphia, Pa.
Thomas H. Hart, ΦΨ.....4927 N. 10th St., Philadelphia, Pa.
Lewis Jacobs, Jr., ΔΦΨ.....215 Madison Ave., Clifton, N. J.
Frank Korman, ΔΚΦ.....32 Keeney Court, S. Manchester, Conn.
Bradford G. Mott, ΦΨ.....152 Montgomery Ave., Edgewood, R. I.
Abram C. Oberholtzer.....505 Franklin St., Hamburg, Pa.
Nat Webber.....1514 Marion St., Columbia, S. C.
R. Stewart Wilkinson, ΦΨ.....1302 Hunting Park Ave., Philadelphia, Pa.
Max Zillessen, ΔΚΦ.....162 Grant Ave., Nutley, N. J.
Laval R. Tessier, ΔΚΦ.....96 Kendrick Ave., Woonsocket, N. Y.

FIRST YEAR DYEING AND COLOR MATCHING

Elmer A. McCabe.....237 Getty Ave., Clifton, N. J.
Thomas J. Devine.....743 Monroe Ave., Scranton, Pa.



FRATERNITIES

Luby



- 1929 -

Delta Kappa Phi Fraternity

Founded at the Philadelphia Textile School, 1901

Incorporated in 1905—Publication, "Bulletin"

Officers

WALTER LEROY BROWN
Consul

JOSEPH P. CONDON
Pro-Consul

RUSSELL EDWARD WOERNER
Annotator

HAROLD CARPENTER
Custodian

HERMAN T. WITTIG
Scribe

FRANKLIN RAUB
Warden

Martin K. Davidson
George T. Downs
John A. Driscoll
Harry J. Hardacre
Bradford F. Hull
George H. Klingberg
Frank Korman
Everett R. MacCluggage
Laval Ricord Tessier
Eberhard Otto Max Zillessen

The Analysis



1929

Delta Phi Psi Fraternity

Founded at the Philadelphia Textile School, 1901

Officers

BENJAMIN P. ANDERSON
President

KENNETH MACKENZIE
Vice-President

HARRY F. SMITH, JR.
Secretary

WILLIAM DEVITT
Treasurer

VICTOR G. ORLANDI
Chaplain

Wm. Flaccus Stifel
Henry A. Osterman
Herbert Everts
Fred B. Lewis
Walter W. Humecky
Arthur Kruck
Ferrer Canova
Louis Jacobs



-1929-

Phi Psi Fraternity
Alpha Chapter

3805 Spruce Street

Founded at the Philadelphia Textile School, 1903

Publication, "Phi Psi Quarterly"

Officers

PRESCOTT W. BROWN
President

OTIS W. COGGESHALL
Vice-President

HENRY CRUMBLISS, 3d
Secretary

WILLIAM FRANK UHLIG
Treasurer

CHARLES W. LAIB
Warden

FREDERICK KNECHT
Corresponding Secretary

1929

E. Stanley Bowers
William J. Bragg
Kenneth Brancato
Prescott W. Brown
Otis W. Coggeshall
Henry C. Hennig
Frank Uhlig
John D. Comins
A. Scotland Mackenzie
William Wintrich
Henry Crumbliss, 3d

1930

Chester E. Blood
Nelson K. Fite
Fred H. Heinrich
Frederick Knecht
Charles W. Laib
Hambleton Sheppard
George P. Shirer
Anton Sobocinski
Herman H. Steigler
George Wiseman
Thomas H. Andrews
Ferdinand S. Kaiser
Harry J. Wright, Jr.
Henry D. Mackie
David K. Malcolm
Ernest G. Scotten
Richard Lee Dodge

1931

Ferdinand W. Fritsch
Zephir J. Chagnon
Clarence F. Gorman
Henry Allen Gottschall
Jerome A. Koerber, Jr.
Howard P. Galloway
Edward T. Bischoff
Jack J. Lyon
Charles W. Thomas
Thomas H. Hart
Bradford G. Mott
R. Stewart Wilkinson



Sigma Phi Tau

Founded at the Philadelphia Textile School, 1915

Incorporated 1917. Publication, "Sigma Phi Tau Quarterly"

Officers

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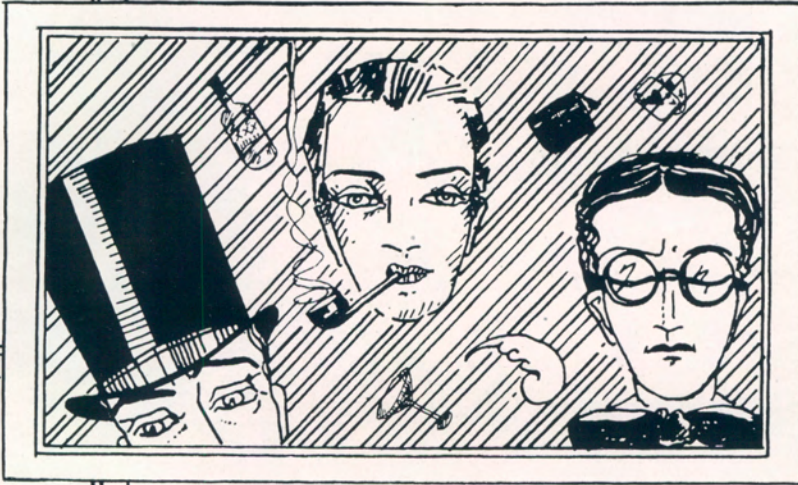
M. Moe Amsterdam
Nathan Webber
Robert Isaacs
Raymond Singer
David Ahoff

"His Frat Pin"

He wore his Frat Pin
Just southwest his heart,
And swore that from its resting place,
The pin would n'er depart.
The years that passed still found him (it)
Unmoved and standing pat,
The pin he very proudly wore
For the honor of his Frat.

One day, two eyes confused him,
His high resolves took chase,
A soft voice coaxed his Frat Pin
From its long accustomed place.
He took it from its honored throne
Where many years it sat,
And on her breast he pinned it
For the honor of his Frat.

Now neither wear the Frat Pin,
Dear College days are over.
She now supplies his every need
He settles up the score.
His old-time honored spike-tailed coat
Now mats the snow-white cot,
And the Frat Pin fastens baby clothes,
For the honor of his Frat.



SCHOOL ACTIVITIES

Duby



- 1929 -

The Textile Club

President, HENRY A. OSTERMAN
Vice-President, E. STANLEY BOWERS
Secretary, NORMAN DUBERSTEIN
Treasurer, WALTER L. BROWN
1st Year Director, JOSEPH P. CONDON
2d Year Director, DAVID E. SINGER
3d Year Director, WM. J. BRAGG

Our clubroom, under the guidance of our good friend John Spotts, is an important factor in our social life. Here is where the boys get together in their leisure moments to enjoy the many privileges the club offers. There are the pool tables, which seem to provide amusement for all, and are patronized chiefly by the boys who have an overabundance of "Buffalo's." Checkers and chess are provided for those who care to devote their mind to serious thought outside of class, and many a weird battle of wits is fought out in this corner of the clubroom. The Victrola, with a collection of records that date back to the year of the flood, keeps the musical minds at ease when the studies are laid aside. Then we have our library which is made up of a series of magazines containing valuable information for us all. It is through this source that we are able to keep in touch with just what is going on out in the big game.

Our club not only provides a source of enjoyment for the students but the "profs" also resort to this spot for their entertainment during their periods of rest. It is a regular occurrence for them to enjoy their noon-hour smoke, while watching a game of pool or matching their merits at checkers or chess with some one of the students.

Like every club, we, too, have our character that has caused no little comment among us during our stay at Textile. In this case he is one who plays well the part of Rip Van Winkle. With this description no further introduction is necessary. For three years we have watched him take his seat in an armchair with his newspaper in hand and his pipe in his mouth. The pipe rivals the Yale Bowl for capacity. News is of little importance to him, for after a few moments of reading, his mind will wander into a land of pleasant reveries. At this point, neither paper nor pipe hold place. As his head droops downward, a well-formed bay window provides a suitable resting place for the pipe, but due to the absence of a lap, the paper falls to the floor. This is a picture that will long provide us with fond memories of our club.

It is in this same room that all matters pertaining to our social activities

are thrashed out. At these meetings each student can voice his opinion as to just what he thinks best for the interest of us all.

The Textile Club has played an important part in our life at school, and as we pass out we can only say that we hope it will serve those who are to come as it has served the Class of '29.

The School Dance

One of the annual affairs of the club is a dance or banquet for the freshman. The purpose of this is to help the freshman become acquainted with the upper classmen and each other. As a banquet does not give them a chance to make any outside social connections, it was decided to have a dance. This was the first social event of the season, being held the week-end before Thanksgiving and immediately after the quarterlies. It gave the students a chance to relax after burning the midnight oil studying for exams. This staying up late every night helped get the boys in condition for the dance. That's why we have the exams (?).

The affair was held in the North Gardens of the Bellevue-Stratford Hotel. The committee also obtained a peppy orchestra. The freshmen showed their willingness to make the affair a success by their large turnout. From an unbiased viewpoint, they had a wonderful chance to meet Philadelphia's fairest along with the upper classmen. As usual, Osterman led the stag line. Later in the evening, not to be outdone, Raub ascended to unknown heights in leading the orchestra.

As the evening progressed, the good spirits present in the crowd helped make the affair a success. Certain little black books were very much in evidence during the evening and many additions made to them, much to the chagrin of the escort, who watched his fair lady give her phone number and address. Many a young charmer fell under the spell of "somebody else's girl."

The death knell of the dance was heard in the form of "Home, Sweet Home," and it was with regretful footsteps that we left the floor. Some went to Childs' to satisfy their hunger, others to drink black coffee, mostly others.

The dance was a big success from every standpoint, as it brought everyone present in closer contact with each other, and gave the freshmen a chance to meet some Philadelphians who do not go to Textile School.

The Pool Tournaments

Twice every school year, our friend John Spotts runs a pool tournament. One is in the first semester and the other in the second. When we came back after Thanksgiving, we found a notice that the annual fall round was about

to start. About fifteen of Textile's best were entered. Instead of finding the usual jovial crowd in the clubroom at four o'clock, one would find a tense group of students gathered around No. 1 table. If anyone dared to walk on his heels or talk too loudly, many were the dark and surly glances cast upon him. Occasionally there will be a small burst of applause when an exceptionally good play is made. The atmosphere grows more tense and full of smoke as the tournament progresses as each round the competition becomes keener and more points are needed.

The finals found Bill Bragg and Fearless MacCluggage ready to settle down to some real pool shooting. Bragg coming from New England played a conservative game and didn't leave any breaks for Mac. MacCluggage is a Scotchman and due to natural tendencies played a close game. It was a neck-and-neck affair. The students filled every available place of advantage to view this great struggle between the cue artists. Not until the last point was tallied was the match finally decided. Oh yes, Bill Bragg was declared the victor.

The second match took place right after mid-years. In this case the field was even larger. But as all tournaments do, this too dwindled down to two. These were Crumbliss and no one else but MacCluggage. Bragg was eliminated earlier in the tournament. Mac was out for the pennant and after playing some wonderful pool, outclassed Crumbliss. He took the lead early and at no time was it in danger. There are rumors that Mac and Bill are to play off the tie. When this happens we guarantee a match of real skill as these winners have both shown their ability. Need we say more than hail to the champion.

Interfraternity Dance—February Twenty-first

One of the most interesting and gala events on the social calendar of the post holiday season was the interfraternity dance held at the ballroom of the Bellevue-Stratford Hotel on February 21st.

Over 150 attended, including several alumni and out-of-town guests.

During the intermission, Tad Shepperd added much to the entertainment with a presentation of the latest "tap dancing." The young performer received encore after encore.

Music was furnished by "Jack" Lewis and his orchestra, the famous and popular Philadelphia orchestra. The men put on several interesting acts during the evening much to the pleasure of the guests.

The beautiful ballroom was gaily decorated with large banners of the fraternities bearing their Greek insignias. Flowers in combinations of the fraternity colors were in evidence in the ballroom and lounge.

Punch was served during the evening and at midnight supper was served.

The Analysis



-1929-

Crowfoot

Honorary

RICHARD SHOEMAKER COX

Active

BENJAMIN P. ANDERSON

OTIS WELLS COGGESHALL

WILLIAM FRANK UHLIG

NORMAN DUBERSTEIN

HENRY CRUMBLISS

PRESCOTT W. BROWN

HENRY C. HENNIG

WILLIAM J. BRAGG

CARL J. SPENGLER

WALTER L. BROWN

GEORGE P. SHIRER

LOUIS E. KATZ

HENRY A. OSTERMAN

Crowfoot Honorary Society

Tradition has securely kept its hold in at least one phase of the combine of student activity. The honorary society still remains the top point of incentive governing the student's ambitions of achievement here at college.

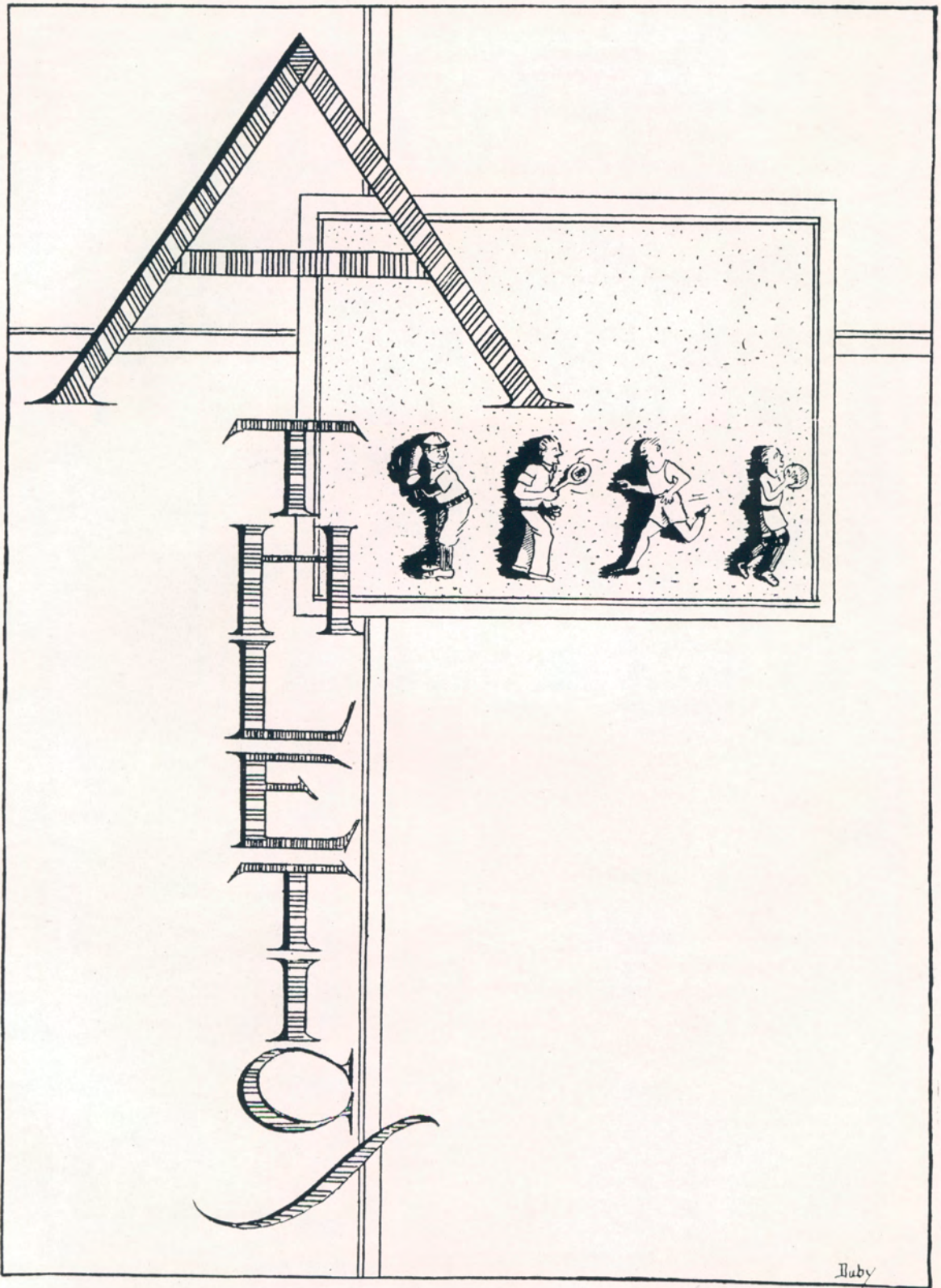
Men of Textile who have been the leaders in student activities, both on the athletic field as well as in the class room—such men possessed of sterling character are the criterions for election to membership of the Crowfoot Honorary Society.

This year the Society has been very discriminate in its selection of men eligible for membership. As a result, the choice of those worthy of Crowfoot was limited to a small number—but of these, each was a “top” man at Textile—honor men, truly.

“What-Not Banquet”

As the custom, the Crowfoot Society held its annual “What-not” banquet, an affair that brings all the boys together for a last good time before exams and graduation. This year's “What-not” was successfully marked with the 100 per cent. spirit of goodfellowship that was felt by every member of the student body. The evening's procedure was contained of entertainment furnished by some of the members of our student body.

Formidable speakers—magnates in the trade—held our undivided interest. The coveted “Ts” were awarded to the letter men of Textile—the guardians of the Maroon and White on the fields of battle. All in all, it can be said that memories of the '29 “What-not” banquet will not fade out of the lives of those who enjoyed that successful stag of the Crowfoot Society.



Naby

The Analysis



— 1929 —

Basketball

GEORGE P. SHIRER, *Captain*

W. F. UHLIG, *Manager*

When the call for candidates was posted in October, about twenty men reported. Captain Shirer and Lewis were the only letter men from last year. The rest was new material. Blood and Steigler represented the second-year class, while the freshmen that made the squad are Koella, Chagnon, Sennehauser, Kaiser, Gorman, Wilkinson, DiCenso and Dodge. Building a new team proved more difficult than it at first seemed. During the first half of the City College League, Textile never could get started. The material was there, but as each one came from a different part of the country and played a different style game, the team lacked self-confidence. Mr. Bertolet was present at the last game of the first half and saw us win our first game. He saw the possibilities in the team and obtained the floor of the Christ Church Neighborhood House and the services of Eddie Gottlieb as coach.

This seemed to give the team the needed confidence, and with the coach's training we came out third in the second half of the City College League. The lineup was Koella and Steigler at forward, Kaiser at center, and Lewis and Shirer at guard. Koella, with his eagle eye, snared high score in the league both first and second halves. Chagnon, Blood and Sennehauser made the regulars work to keep their positions on the team. Great credit is due them.

Manager Uhlig arranged a smooth working schedule and the boys were never overworked. He arranged games with Drexel, St. Joseph's, P. M. C., Penn J. V.'s and Delaware. Delaware cancelled their engagement with us, but we will meet them again next year.

The prospects for next year's team are very good, as all the men will be back. All they need is the backing of the student body to win the League Championship. The class of '29 departs hoping that those that follow will see our Pine Alley rivals, Peirce, fall in defeat next year.



— 1929 —

Tennis

NORMAN DUBERSTEIN, *Captain*

HENRY C. HENNIG, *Manager*

Speculations loom high towards the prospective outlook to the success of our court team this year. No less true a statement can be made in view of the consideration of the able racket wielders that compose the tennis squad. Under the capable management of Hennig, who so discreetly arranged a schedule that meets our time limitations with conformity, there is no doubt that the outcome of the games played will be top rating for Textile.

The team this year is led to battle by Norman Duberstein—one well worthy of the captaincy. Norm has fought for Textile every year he's been at Tex, coming out on top many times when the shadows of defeat seemed to hold sway. His masterful display of court judgment and execution, coupled with a thorough knowledge of the game, surely warrant the position he holds.

Henry Crumbliss, another veteran warrior of three years' standing, will play a leading role with the racket aggregation once more. Henry's fighting will, when all things seem dark, together with a phenomenal degree of grim perseverance, undoubtedly be a foremost factor in the resulting success of the team.

A word about "Handsome" Joe Condon, who was also a member of last year's team. Joe's fine performances have convinced all that he will gain an end to an important position with the net men of '29.

In practice, the sensational showing of the new men has made many a Textile follower smile with satisfaction. With such to pick from as Blood, Kaiser, Katz, Koella and Galloway, the tennis team has but to wait for the season's end ere its success is a reality.



— 1929 —

Mile Relay Team

HENRY CRUMBLISS, *Manager*

P. W. BROWN, *Captain*

In the year 1926 the Athletic Association of our school decided to discontinue all participation in track events excepting the relay team. This decision was based upon the inadequate facilities for practice, finance and time.

Our relay team, the lone survival left to represent us in track, has an outstanding record of three consecutive victories and the team of '29 bids fair to break this all-time city college record with its fourth triumph in as many years.

Under the careful guidance of our renowned and successful coach, "Lou" Speeler, the men this year are rounding into shape for the task that lies before them. Of the men upon whom we base our hopes, the first is Captain Brown, a member of the team of '28. He possesses the quality of leadership and is a man to be relied upon to give his very best. And here we may say that his best is hard to beat.

Our wistful eyes focus next upon another member of last year's team. Lewis furnishes the necessary speed and stamina needed to keep Textile in the lead. We may rest assured that he will carry his part of the burden fleet enough to insure us victory.

The remaining two berths on the team are to be filled by selecting the two best from such promising material as Knecht, Koerber, Koella, Wiseman, Humecky and Chagnon. This abundance of material helps buoy up our hopes for this year and makes the future look promising.

Manager Crumbliss has done well in securing Wanamaker's roof and is on the lookout for an outdoor track so that the team may practice on the cinders every Wednesday afternoon. He has also kept the team well supplied with freshmen to rub down Textile's athletes.

TEXTILE'S TWEARERS

Basketball

OTIS W. COGGESHALL, <i>Manager</i> '28	W. F. UHLIG, <i>Manager</i> '29
GEORGE P. SHIRER, '28, <i>Captain</i> '29	CARL KOELLA, '29
FRED B. LEWIS, '28, '29	ZEPHIR J. CHAGNON, '29
HERMAN H. STEIGLER, '29	FERDINAND S. KAISER, '29
C. EDWIN BLOOD, '29	WALTER A. SENNEHAUSER, '29

Track

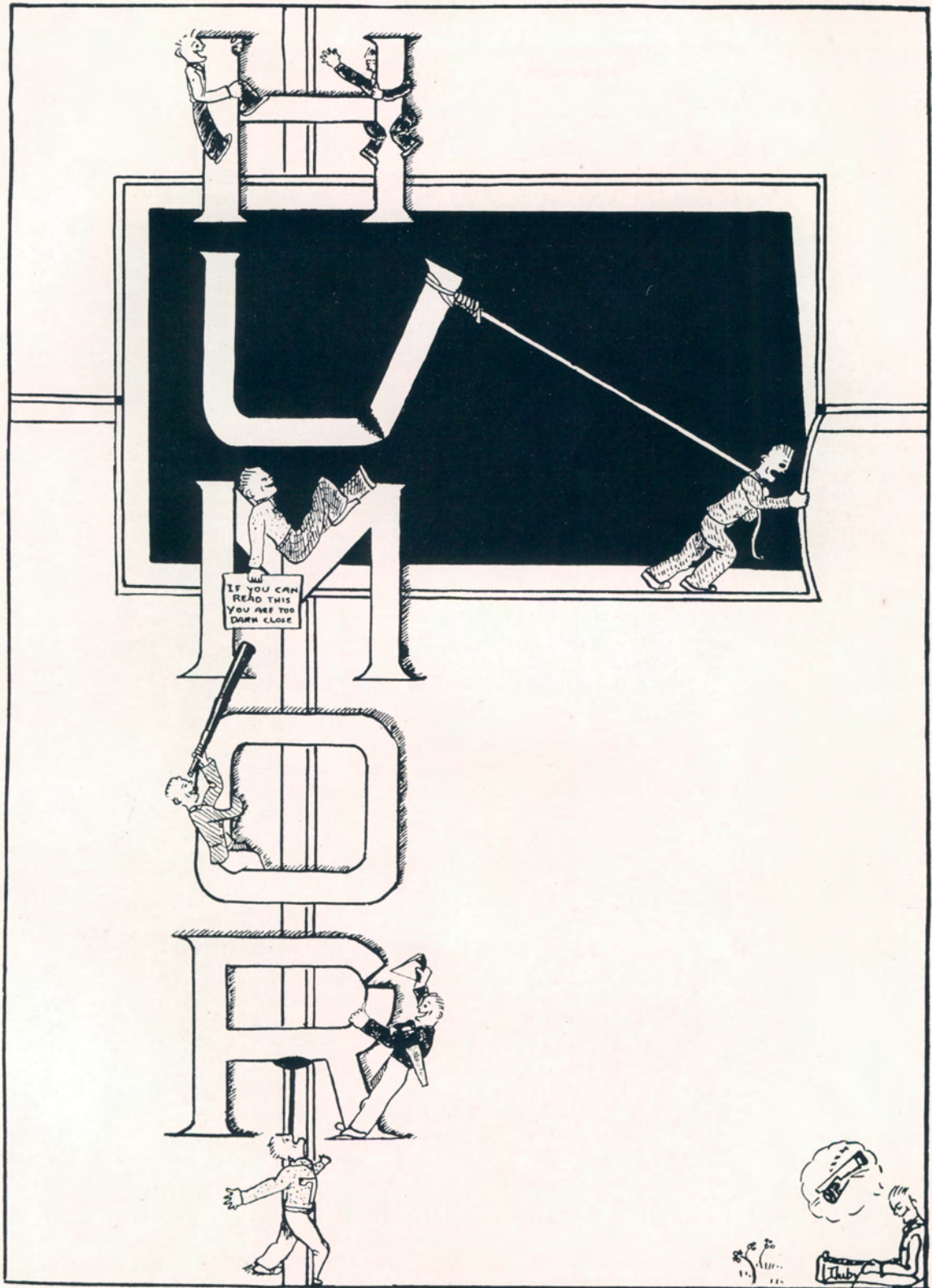
HENRY CRUMBLISS, <i>Manager</i> '29	CHARLES W. LAIB, '28
FRED B. LEWIS, '28, '29	JEROME A. KOERBER, '29
PRESCOTT W. BROWN, '27, '28, <i>Captain</i> '29	BENJAMIN P. ANDERSON, '27, <i>Captain</i> '28

Baseball

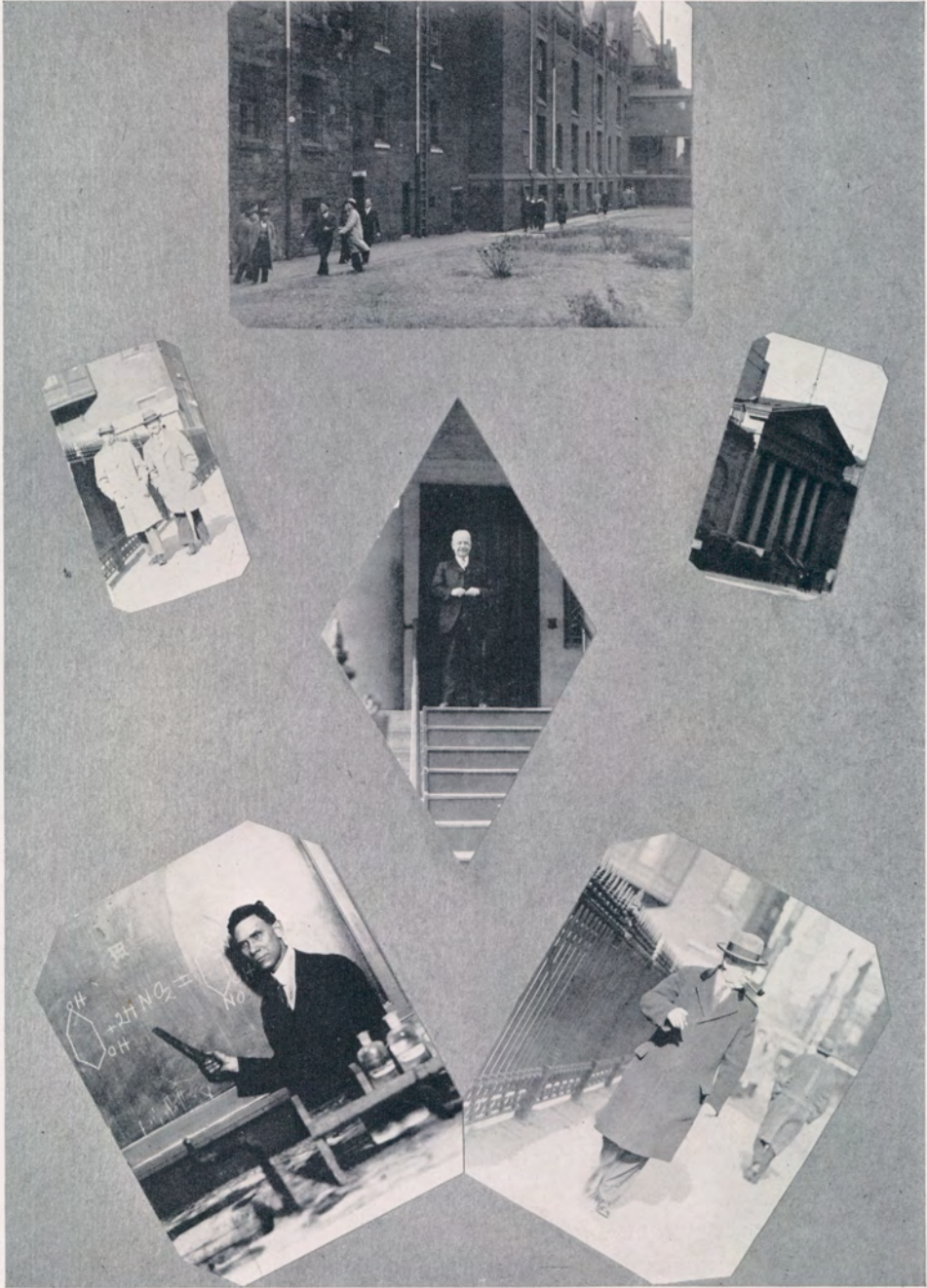
WILLIAM WINTRICH, '28	KENNETH Y. BRANCATO, '27, '28
GEORGE WISEMAN, '28	C. EDWIN BLOOD, '28
WILLIAM J. BRAGG, '28	HERMAN H. STEIGLER, '28
FRITZ KNECHT, '28	HENRY A. OSTERMANN, '28
	DAVID ABOFF, '28

Tennis

NORMAN DUBERSTEIN, '27, '28, <i>Captain</i> '29	HENRY C. HENNIG, <i>Manager</i> '29
HENRY CRUMBLISS, '27, '28, '29	JOSEPH P. CONDON, '28, '29
FERDINAND S. KAISER, '29	C. EDWIN BLOOD, '29



The Analysis



- 1929 -

WHEN COTTON IS WORSTED

“Cotton and Corn were mighty Kings,
Who differed at times on certain things,
To the country's dire confusion;
Corn was peaceable, mild and just,
But Cotton was fond of saying, 'You Must,'
So, after he'd boasted and bullied and cussed,
He got up a revolution.
But in course of time, the bubble is bursted,
And Corn is King, and Cotton is Worsted.”

—SCOTT'S MONTHLY STAMP JOURNAL.

How long have they been celenase gowns?
Oh, for quite a voile.

Why don't art schools have conventions like the Elks?
Because artists don't believe in conventions.

CRUMBLISS—Why does a stork stand on one leg?
WILMER—Why does he?
CRUMBLISS—If he'd lift the other one, he'd fall down.

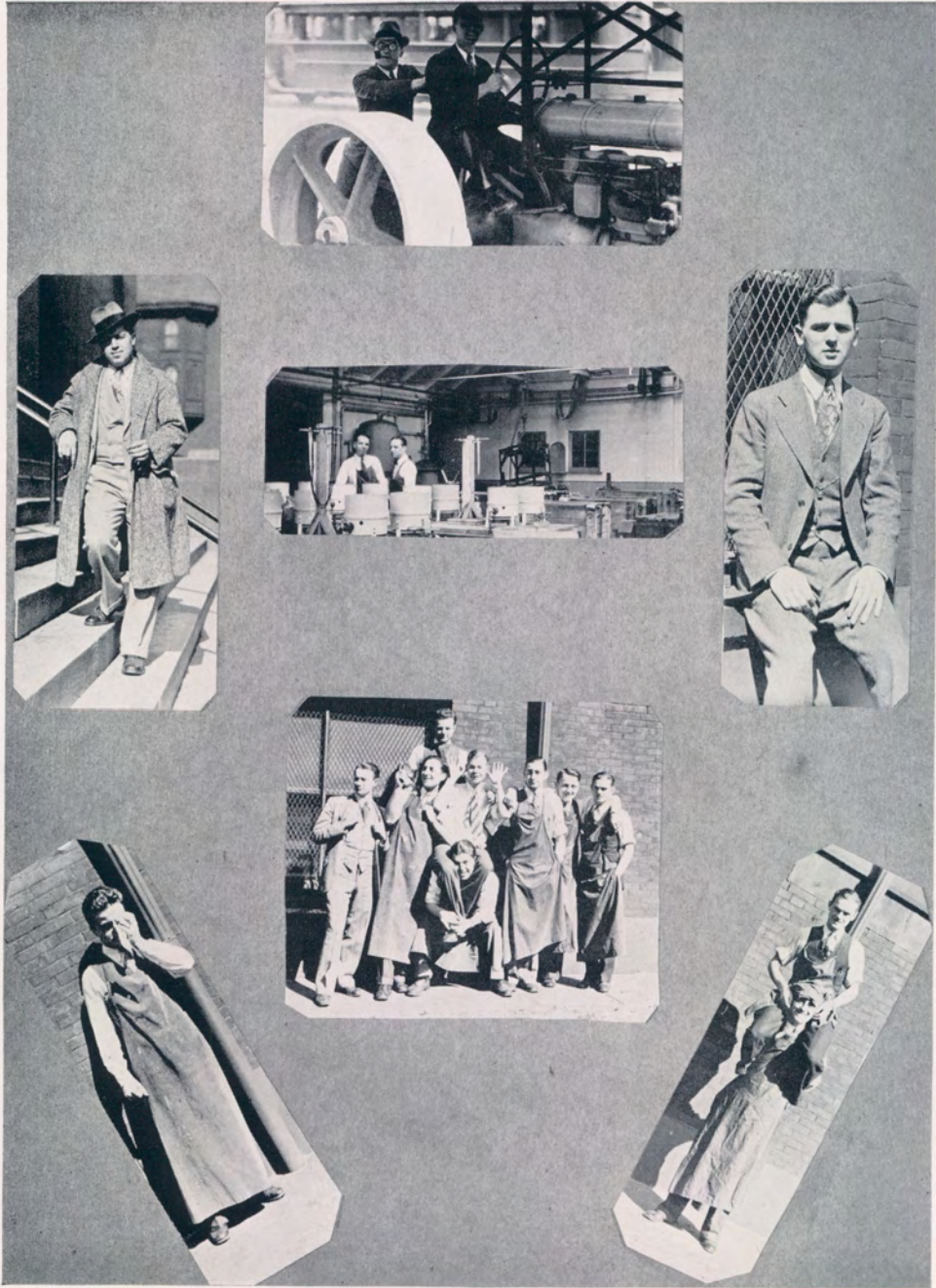
MR. ALGEO—I'll use the wooden frame to finish this weave as the board
is full.
COMINS—That's using your head, Mr. Algeo.

SEMEL—I want some note book paper.
MR. GIESE—What size?
SEMEL—Oh, any size, as long as it fits.

PROF. BYLER—There's a student in this room who is making a fool of
himself. When he's finished, I'll commence.

STUDE—Shay, your coat's ripped.
ALSO STUDE—Naw, just seams ripped.

The Analysis



1929

The Analysis

He calls his girl Tin Lizzie because she wears weighted silks.

Is that a bulldog?

Oh, my no, it's a female.

My girl has lots of personality.

Mine isn't good looking either.

DYEHOUSE PHILOSOPHY—What to do to get white hands, NOTHING.

Oh, you don't love me any more.

How come you say that, dearie?

Well, when you change gears, your hand never slips any more.

He had so many vices that they called him Carpenter.

COGGESHALL—You know I like dyeing when it isn't over my Head.

MR. GOODAVAGE—Yea, that's the way I feel about pigeons.

MR. WALTER—Nitrohydrochloric acid will dissolve gold.

HENNIG—So will Scotch Whiskey.

PROF. BERTOLET—Why did Noah take two of each kind of animal into the ark?

UHLIG—Because he didn't believe the story about the stork.

The five most important men on our Athletic Association.

No. 1—JOSEPH P. CONDON

No. 3—J. PATRICK CONDON

No. 2—J. P. CONDON

No. 4—JOE CONDON

No. 5—JOSEPH PATRICK CONDON

Her father knew his plumbing fixtures—that's why she looked so flushed.

The Analysis



1929

The Analysis

PROF. NAAB—I believe I've met you before.

ART SCHOOL FLAPPER—Yes, don't you recall that hotel episode in Paris?

PROF. NAAB—No, I've been in Paris, but I can't remember any hotel by that name.

Philadelphia is a unique town.

Unique?

Yes, taken from the Latin, unus meaning one and equus meaning horse.

CLEOPATRA VISITING MARK ANTHONY—Mark, where is the bathroom?

MARK—We haven't any.

CLEO—My, how uncanny.

DOCTOR—And how do you sleep?

LAIB—Alone, sir.

We call our dog American Legion, because he visits every Post.

OVERHEARD AT TEXTILE'S MASQUERADE???

SHY YOUNG THING—You could make a pretty girl.

SHEPPARD—Could I make you?

ANDREWS—Are you a pretty good judge of horse flesh?

WITTIG—No, I never ate any.

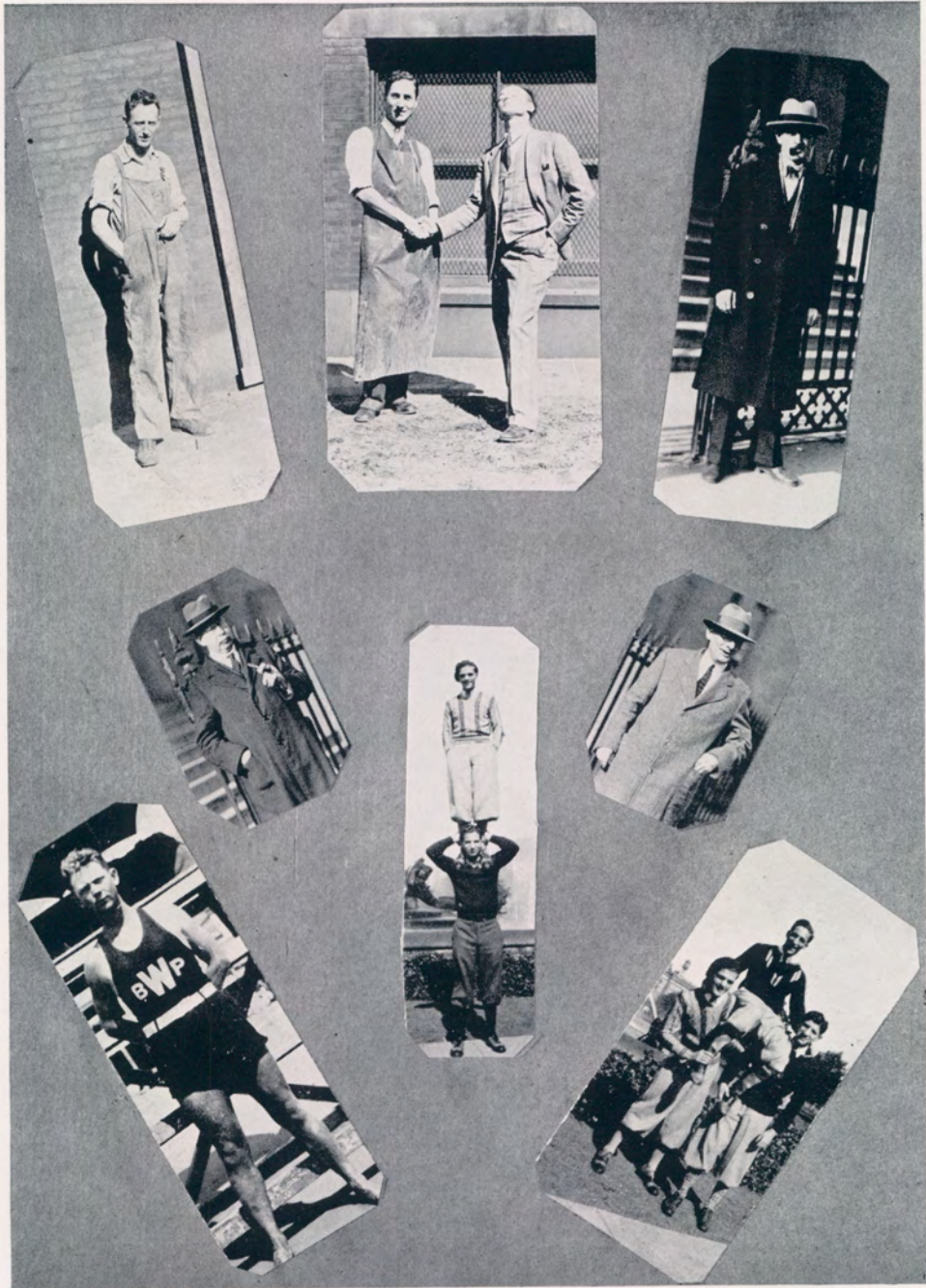
Bocaccio must have been inspired when he wrote those stories.

Inspired, hell, he must have been excited.

AT THE WHAT NOT—Have a cigar?

COGGESHALL—No, thanks, but I'll take the dime.

"Up and atom," cried the molecule.



- 1929 -

EPITAPH FOR A GOOD GIRL.

She led a blameless life below,
Death held for her no terrors,
And now she's gone where lilies blow,
No runs, no hits, no errors.

NO WEEK ENDS FOR HER

Madam, said the conductor, don't rush up and down the platform that way. Which end do you want to get on?
Mind your own business and I'll get both ends on.

FRIEND WILLIAM—What's the difference between a champagne cork and a baby?

IVA BITE—That's easy, the champagne cork has the maker's name stamped on the bottom.

GRANDPA—I simply can't bear children.

GREAT GRANDPA—What man can?

He who laughs last is trying to think of a dirty meaning.

Are you a letter man?

No, sir. She might want to, but I won't letter.

My father says that he thought nothing of studying five hours a night. Well, I don't think so much of it myself.

Remember that there is a class upstairs, so please go out quietly, so as not to wake them.

The Analysis



- 1929 -

The Analysis

Of course we know that necking isn't sanitary, but who the heck does it for health.

Did you ever make Whoopee?
No, I don't like Chinese girls.

Dear me, you are a most trying young man.
I'm doing my best, girlie.

The frat boys call the gardener's daughter Eve because she is always turning over a new leaf.

MR. PFEIFFER—I've got electricity in my hair.
WILMER—That's nothing, I've got gas on my stomach.

Where you from?
Ireland.
Ireland?
Yeah, Rhode Island.

Where is Bill?
S. O. L.
What's that?
Sleeping or lounging.

I hear that the zoologists found a lamb that could run forty miles per hour.

That is the only kind of lamb that could keep up with Mary these days.

IRATE FATHER—What is that stuff on my car? Where have you been?
CALM SON—That's only traffic jam.

*T*HE Editorial Staff of the 1929
"ANALYSIS" wishes to extend
its most sincere thanks to
MR. RICHARD S. COX for his
co-operation and assistance
in preparing this book.

THE
FOLLOWING PAGES
ARE DEVOTED TO
OUR ADVERTISERS

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KNITTING TRADE

THE CONSOLIDATED
TEXTILE CATALOG

TEXTILE ADVANCE NEWS

TEXTILE WORLD

—a weekly magazine for those interested in textile manufacture. Covers all branches of the industry—cotton, wool, rayon, knit goods, silk, dyeing, bleaching and finishing.

It includes technical articles by the foremost authorities, market reports from all

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TEXTILE WORLD is universally recognized as the "World's Textile Authority."

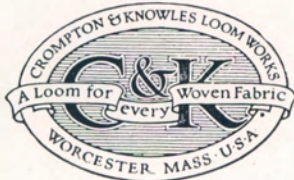
TEXTILE DIRECTORIES

The OFFICIAL AMERICAN TEXTILE DIRECTORY, published annually, contains a list of all the Textile Manufacturers in the United States, Canada and Mexico, together with their officers, product, machinery, selling agents, whether dyehouse, or not, etc., also twenty-five maps, showing location of mill towns; list of mills with worsted machinery, Yarn Trade, etc. Price of Standard Edition (small size, flexible covers) \$3.00. Office edition (attractively bound in board covers for office use) \$5.00.

The AMERICAN DIRECTORY OF THE KNITTING TRADE contains substantially the same information as the Official, but it is limited to knitting mills. Price \$2.00.

Either of the above directories when ordered with TEXTILE WORLD can be purchased at \$1.00 discount.

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A LOOM

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FROM the narrowest lingerie ribbon, a fraction of an inch in width, to 480-inch wide felt—from a tissue nainsook to a thick luxurious carpet—from softest cotton, silk or vegetable fibres, to harsh threads—linen, asbestos and even metal—whatever the textile, for whatever purpose, the Crompton & Knowles Loom Works design and build looms especially adapted to its weaving.

Through the years new looms have been designed and perfected—new devices added to closer approximate ideal efficiency for varied purposes. Dependability, endurance, and economy are outstanding features.

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S. B. ALEXANDER, Southern Manager CHARLOTTE, N.C.

COLOR

Never has color had the power to influence sales as it does today. More clothing, more textile fabrics for use in the home are being sold simply because color has a universal sales appeal.

Manufacturers in the textile field are not only aware of a rapidly growing demand among consumers for color but for colors which are fast.

Du Pont dyes are available which satisfactorily fill this requirement, dyes which impart to textile fabrics the enduring color qualities the public is coming to expect.



E. I. du Pont de Nemours & Co., Inc.

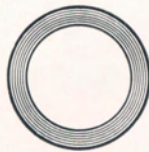
Dyestuffs Department

WILMINGTON,

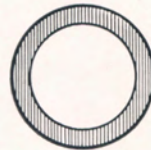
DELAWARE.



The grain of our spinning rings
contributes to their smoothness



This shows how the grain of the steel runs in "DIAMOND FINISH" Spinning Rings, because made from a steel bar bent into a ring.



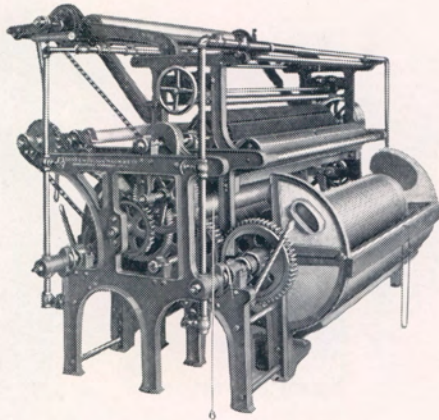
This shows the general direction of the grain of the steel in spinning rings punched out of a flat bar of steel.

Because the grain runs the same way that the travelers run, we are able to give you the utmost smoothness in "DIAMOND FINISH" Spinning Rings. This is NOT a small or insignificant point; extra smoothness means a lot during years of wear from millions of revolutions of the travelers.

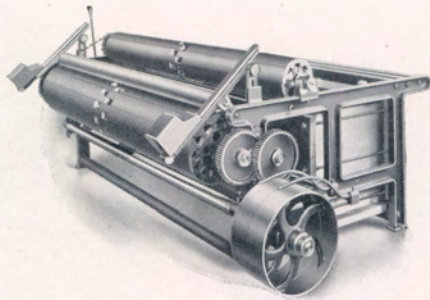
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SPINNING RING CO.

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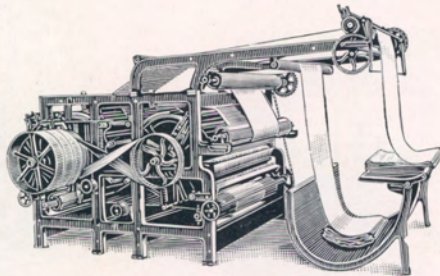
1873



STEAM FINISHING MACHINE



BOILING, STRETCHING AND ROLLING MACHINE



TWO CYLINDER SIX CONTACT TEASEL GIG

Machines for

BRUSHING
 BOILING
 DECATING
 DEWING
 DOUBLING
 EXAMINING
 FINISHING
 GIGGING
 INSPECTING
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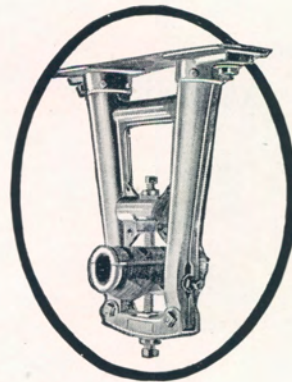
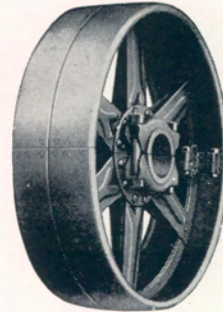


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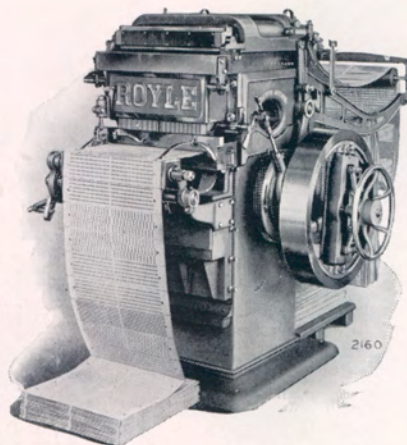
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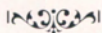
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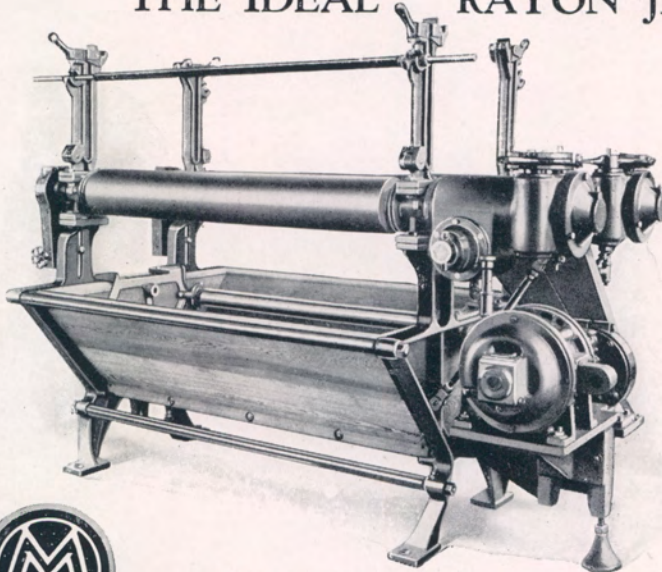
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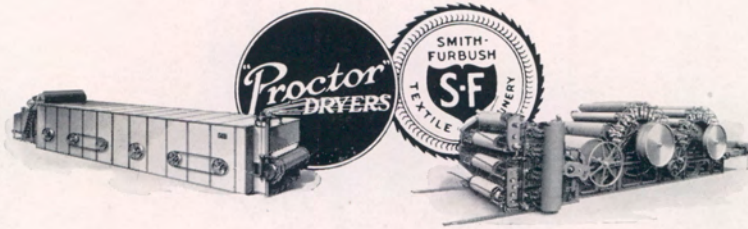
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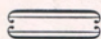
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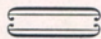
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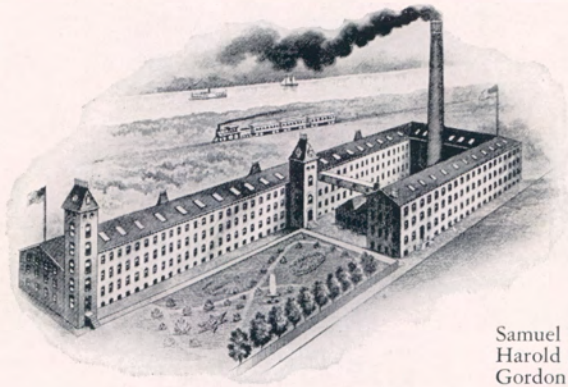
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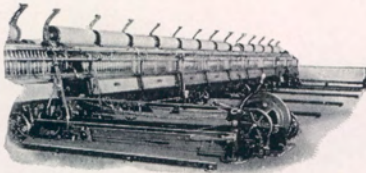
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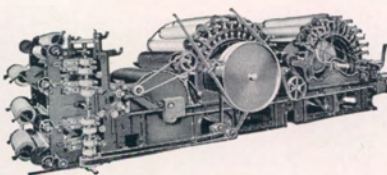
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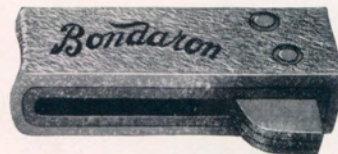
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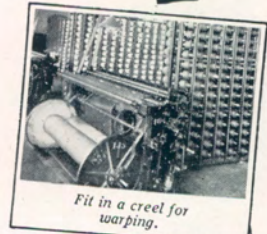
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Chattanooga, Tenn.
Franklin Rayon Corporation
Dyers and Converters of Rayon Yarn
Providence, R. I.
New York Office
66 Leonard Street



*Fit in a creel for
warping.*



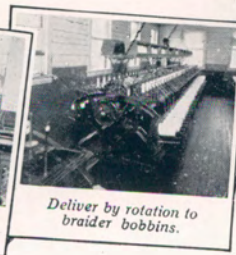
*Deliver over end to a
No. 90 Universal cop.*



*Deliver over end to cones
or bottle bobbins.*



*Deliver over end to
braider tubes.*



*Deliver by rotation to
braider bobbins.*

WARE BROS. COMPANY

*Commercial
Printers*

[Direct
Mail
Adver-
tising]

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Manufacturers of
Wool Burring, Picking and
Mixing Machinery

CLOTH-FINISHING MACHINERY

For Cotton, Woolen, Worsted and Felt
Goods, Plushes, Velvets, Corduroys,
Carpets, Rugs, Mats, etc.

Single or Double Woolen Shearing
Machines with Plain or List-Saving Rests

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near Webster Square
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Philadelphia Office: 430 DREXEL BUILDING
New York Office: 200 FIFTH AVENUE
Southern Office: GREENVILLE, S. C.

Voelker's got the
Best Press



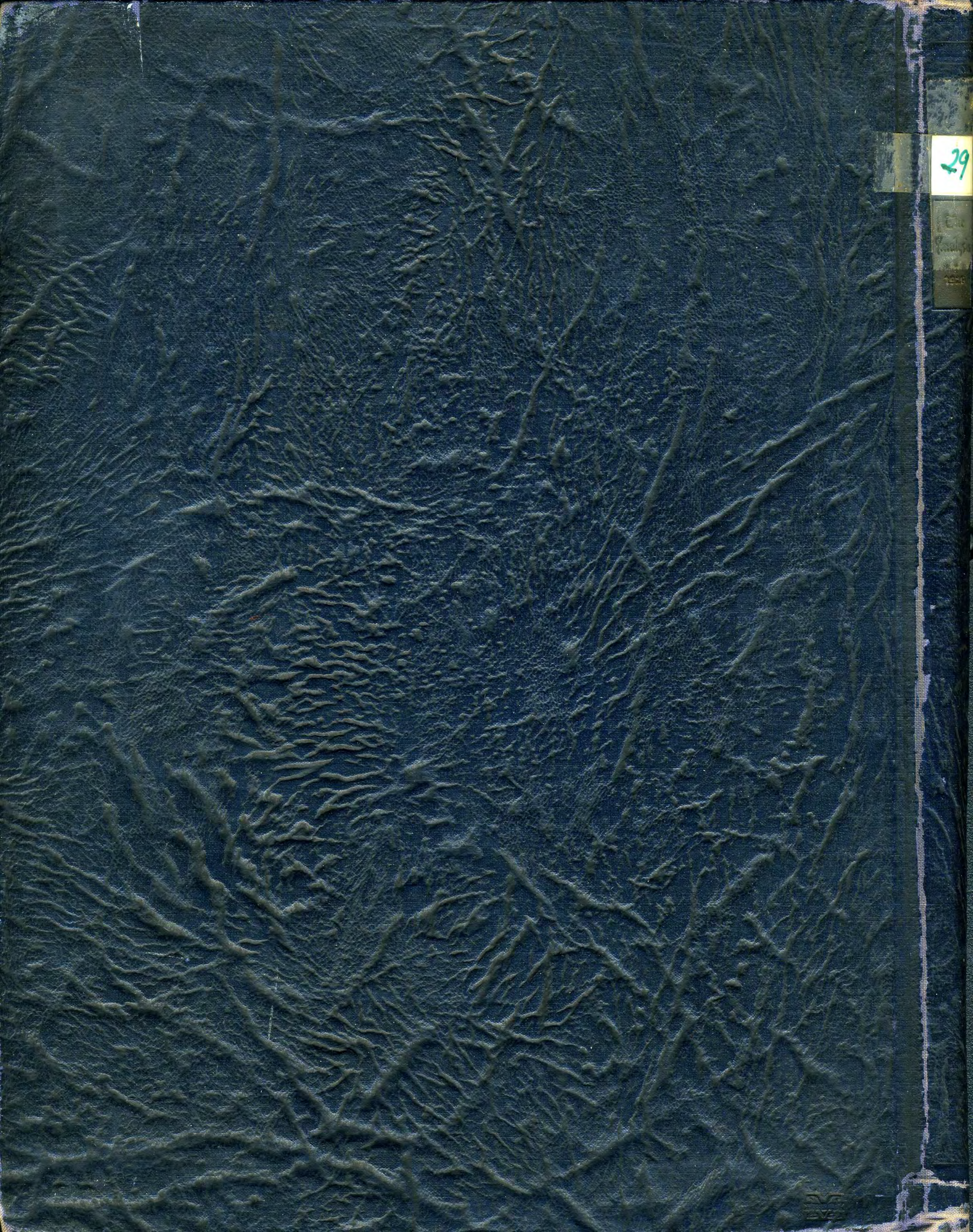
We manufacture the Voelker
Improved Rotary Cloth
Presses, Vacuum Extractors,
Dewing Machines, and
other finishing machinery.



GEO. W. VOELKER & Co.,
WOONSOCKET, R. I.

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