THE TEXTILE INDUSTRY

PART III. — DEVELOPMENT

From an interview with Mr. Thomas T. Allen, Sales Development, Kendall Mills, Walpole, Massachusetts

By BERYLL C. HATHORNE

The Institute of Textile Technology

(From a letter from George H. Calman, Dean)

By BERYLL C. HATHORNE

Probably the most important development in the textile industry since the war is the founding of the Institute of Textile Technology in Charlottesville, Virginia. This educational institution is for the instruction of students at the graduate level and for research in scientific branches of learning. The degree of Master of Science and Doctor of Philosophy are awarded upon satisfactory completion of the required courses, and independent research, and practical experience in textile mills. The time required is normally two years for the master's degree and a total of four years for the doctorate.

Since the war, unresolvew cloth is being used for milk filters, linings of all sorts of boxes to cabinets, bags for dry and powdered food contents that will permit air or liquids to filter through, yet without dusting, absorbent cleaning pads, diapers, diapers, and numerous other uses. Its use is not limited, however, because unwoven cloth tears easily in the direction the cotton fibers run. You won't find unwoven cloth in shirts or sheets for a long time.

Kendall Mills was not alone in the development of unwoven cloth. The Chicopee Manufacturing Company also produces a combination cotton-plastic, unwoven fabric at their plant in Milltown, New Jersey.

Unwoven cloth production is more like the weaving of paper, than the weaving of cloth—however, the new cloth,permitting air to filter through, appears as a paper-thin, transparent material similar to a stiff translucent material that has drapé and “hand” comparable to woven fabric.

(Continued on page 2)

LETS PAUSE IN REFLECTION

The school year is almost at an end, it is, therefore, an appropriate time to review the year with a critical eye with view to making any needed changes or improvements. Teaching, like any other profession, gets time worn and cluttered and pedagogical should be evaluated. They should be committed to their methods improve in pace with the demands and needs of the students. Occasionally, the student’s character is peculiar enough and teachers lose touch with the trends and preferences of this student. Pulling the undergraduates would provide the faculty with much valuable knowledge and encouragement of the students at L.T.I.

First, what we need at the Institute shows for the underprivileged children. This does not entail taking a student by the hand and leading him. But it does mean a barrier. This is a distinction program which would give incoming students as well as others, an objective picture of what to expect here at Textile. The introductory assembly where various departments of equipment speak briefly if not so orientation having a busy insulator as a faculty adviser is only a partial answer to this pressing need. Upperclassmen, as well as freshmen, will bear about seeking, asking, “Am I on the right road?” The increasing enrollment and the lack of textile background of new and prospective students heighten the need for this fact. The demand for this class has outstripped all of its members is further evidence of the need for guidance.

(Continued on page 3)

Volunteers Wonted

The Jewish War Veterans of Lowell requests on-ex cit students from textile as volunteers as others at the State Theater on May 10th, at 5:30 P.M. and 8 P.M. There are volunteer drivers to pick up and return the student to the theater. This volunteer can be handled by the Parent Teacher Association, so that there is no need for volunteers from the community.

Correction

We wish to correct a statement made in a previous issue with reference to the Institute's refusal to accept a bequest. The Institute is now making plans to accept such a bequest and is actively seeking such funds. A memorial fund is being set up to be used for the purchase of new equipment. It is not true that the Institute has no such fund.
THE TEXT

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EDITORIAL

WEDGE

We have brought it in public attention recently that persons interested in Massachusetts State College had succeeded in having a bill acted upon and passed by the Senate and the House of the State Legislature, to change its name from "Morris tournament Tulips." The new name will be "Boston College." We have been told by a wireless announcement that the event will be known as "apparel." The event will take place behind the eight-ball bar of the " BCM." We have the best workers, the most efficient leaders, and the most distinguished citizens of the world. But, somewhere along the lines, there has come an American word that makes those elements into a constantly rising living thing.

That word is WORK.

Our problems can be solved—only by working.

(1) Outwitting once and for all the monopoly in industry—whether it is in the steel, coal, rubber, or any other monopoly—by the same as we worked business monopoly with the Sherman Antitrust Act. This is in national interest.

(2) Figuring out our problems and a conference table—re) competitive, all-such and competitive billig of the public interests and the railroad's. This is in public interest.

(3) Get what we want by producing. Everyday WORKING for the good of all, keeping and leading. This is in the public interest.

A free people can beat down the threats of power-seeking dictators in war.

A free people—free labor, free business, free study, free in your social and political rights—can work for a better tomorrow for all in peace.

—National Association of Manufacturers

Textile Technology...

(Continued from page 1)

(1) Physical and engineering research is devoted to the individual and main characteristics of materials and machinery, in all manufacturing operations of textile fabrics, and all aspects of physical testing, standards, controls, and new or improved machinery designs.

(2) The Governmental office serves the Institute staff and membership by ast, selecting, applying, technical information and by editing the Institute's own publications. Bibliographic and technical literature and patients at the disposal of the students and the research staff.

The technical library contains upwards of 7,000 volumes and is expected to grow much more. By making it a current stock of scientific periodicals, patents and other specific scientific literature, it serves the technical interests of all phases of Institute activity.

DEVELOPMENT

(Continued from page 1)

The boxed webbing is used on a woven cloth, when a relatively high strength textile is required. Such a "woven fabric" offers a unique combination of properties never previously obtainable in a single material.

Mr. Allen said that they are continually on the alert for any possible new methods for weaving. If a new use is ever discovered, a few samples of the commercial product are produced on the market in key markets around the country. From the way the public takes to the new idea, the Methodist Afghani can determine their necessary and initial output.

The production of woven cloth is still rising interest in the industry is evidenced by an announcement that several new manufacturers are in the market, among other things, in their new research laboratories, on-woven fabrics.

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T"his was an accident?

"No, I just had a date with a textile student?"
THE RAMBLER

The Textile Players’ presentation of "Arsenic and Old Lace" was the best Tech show this college has ever seen. Orchesis to Harlan F. Geyer, the director, to Mr. Ernest F. James and Mr. Robert Kennedy, the faculty advisors, to Prof. McLean, the student who worked tirelessly on props and building of the set, and last, but by no means least—to the cast, for a job well done.

THE Golden Anniversary celebration was in its last remaining event of the year. To realize that our Alumni Association is a "live" organization is to know that L.T.I. is truly destined to make great strides in the future. The entire progress of the Alumni Association can be traced to the inception of its Balbrian last Fall. The one man who directed, then, this grand chapter in L.T.I. history was the Alumni Secretary, Prof. A. Edwin Wells. The school owed him a great debt of gratitude and a hearty vote of thanks.

Combining these two recent events—the Alumni Reunion and the Tech Show—we have the realization that Lowell Textile is definitely in "Big Time" now. Every student should be justly proud of his Alma Mater. We are not perfect, but our spirit and determination of our President will continue to raise in complete to improve our Institute. He knows as well as we do that our faults are, and he will correct them as soon as he humanly can possibly. In the meantime, let us all send pity complaints and get solidly behind L.T.I. Constructive criticism will help to build the Institute, but pessimists has no place in this program.

SHOCK OF THE WEEK—Scene: Third Year Woof Class.-Prof. Lowe: "What is an Oxford blend?" I.B.: "I dunno." Levin: "Isn’t it a combination of black and white?" Lowe: "Absolutely correct. I understand we have a lot of Oxford blends in the South.

RESOLUTION FOR MAY—Poor Fred Swinford has enough work to do as a traffic cop every day during the rush periods. There should be absolutely no need for a man at an gate to keep unauthorized vehicles out of the quadrangle. The housing area is reserved for faculty members, and other students who have specific permission from the President. It is not for students. We suggest that beginning May 13th there be no guard at the gate. Let us try the Honor System here at Textile. THE RAMBLER will publish the names of any students, but we hope that there will be none.

OVERHEARD IN THE TEXT OFFICE—"That CHITCHAT column must go. There has been too much unfavorable comment on it." That is the trouble around here. The Editor never gets any letters about the material when he prints the column about the students. He has to accept any verbal content as being representative of student opinion. Did you like CHITCHAT? If so, let the Editor know about it. If not, he wants your criticism.

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For catalogue address Kenneth R. Par, President, Lowell, Mass.

THE FRAT NEWS DELTA KAPPA PHI

All plans are set for the Delta Pi, Upper Peasantry Day to be held on Tuesday evening, May 19th, at Lombard's Cabaret. Congratulations to our bowling team for their terrifically trophy. Bob Reichard, Al Hoyle, Bob Penitz and Johnny Rughahn have their applications in for Artful Relief.

PHI PSI

Election of officers for the coming year were held at the Chapter house on Monday, April 25th. The following officers will take over the reins at the last formal meeting to be held this year, which will be on Wednesday, May 7th. at 7 p.m.

President—George Murphy Vice President—Robert Bristol Secretary—Thomas Huff Treasurer—Julius Greig Corresponding Secretary—John Stroup, Jr.

Senior Wardens—Lawrence Gardner Junior Wardens—Edward Manning House Manager—Morton Reimer Our annual dinner-dance was held on Friday, May 4th, at the Andover Country Club. Forty-five couples attended and the guests of honor for the evening were Mr. and Mrs. Roland Durby. John Shaughnassy officiated as master of ceremonies. The committee in charge of this affair were Robert Brasi, chairman, Thomas Barry, and Lawrence Gardner. They deserve a note of thanks for the wonderful evening they had planned for those who attended.

Little girl enters grocery store: "I’d like a case of Kelby beans, please." Mother: "You mean kidney beans, don’t you?"

"Yes, I did kidney, didn’t I?"

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"Yes, I did kidney, didn’t I?"

PHLAME

The annual senior tea was held in the girls' lounge on Wednesday afternoon, April 30th, 1947 with Mrs. Alice Woodland Lane doing the seating. This was a special occasion for it was the senior's tenth anniversary. The new pledges were formally initiated and are now full-fledged members of the Phlame. The following were taken into the fold:

Judith Brown, Thelene Commerford, McCarthy Carson, Gabrielle Lornire, Edith Young, Elmer Somner, Joanne Gregg

It was a happy reunion with so many of the alumnae back to show their continued support of our society and to assist in this particular occasion. Among those who were present were Mrs. Edith Gale, Mrs. June Gazdil Truver, Mrs. Louise O'Lorey Gordon, Mrs. Barbara MacDonald Whiting, Mrs. Lloyd Robley Weinbeck, Mrs. Amy Franklin Taft, Mrs. Alice Woodland Lane.

Veteran’s Corner

Veterans training in New England educational institutions under the GI Bill will do well to ponder a bit before claiming accumulated leave at term end, according to Charles S. Risings. Veterans Training Office, Director of vocational rehabilitation and education in Boston.

Use of earned leave, he pointed out, means in additional subsistence allowance payment, but the trainee’s period of enlistment is reduced accordingly. "For example," said Rising, "a veteran having sixteen months’ enlistment enlisting in civilian and who contemplate two additional school years to complete his education needs to conserve. Also, time spent in the classroom brings the additional benefit of paid tuition; used leave gives subsistence allowance alone.

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Friday, May 9, 1947
**THE SPORTSMILL**

By CHARLES WHITEHEAD

Dodie Fortune seems to have a genius against our dreamless representation rules; and is to be thankful. As the season for rerouting the fair dame lies, she certainly hasn’t come across this season in any shape or form.

Seriously, it is heart-breaking to see the game being against the baseball teams for the players, coach, and student body. It goes without saying that the privilege has not brought up expectations and that’s the story in a nutshell. The hitting has been satisfactory and the fielding has been up to average.

Following the Harvard and Ford Denve fusions, the club really seemed down to play good ball but all the added punch was lacking and heart-breaking to Bown, Bowne, State, and A. J. I. have made the coach feel that he has indeed stood in ball. Yes, the versatile mentor doesn’t really become discouraged. Look for some mighty creditable performances from our diamond heroes if Ole Miss Winter will only stop making excuses.

Rusby’s work, with Bill Gillick seems to be producing excellent results. A deficit in his only pitching style has been corrected by Mr. Y. and Gillick looks now to have master “soul.” Rusby’s strength in fast ball pitching now. Jack Whitney, too, is showing a return to form that made him one of the most feared mound men in the North. Their Harvard batting would give any promising pitcher a complex.

Dodie’s Dutts back still seems to give him a lot of trouble, yet his performance at the bat corner has been enough to keep up with Bob T. Eastman, one of the benchmen. Fifty Kapps (the club’s only) have four points from the cellar-dwelling Alpha Epsilon pinners to capture first place on the last night. Phi Psi, deadlocked with F. K. prior to their last match, dropped four out of five to Omicron Pi to finish third in the four club race.

Phi Psi, however, drew first blood as the softball activities got underway last Monday, running away from Alpha Epsilon 14-7. Mort Reiner received credit for the win although he needed relief. Leonard Blackmon added to the score. The return of intramural sports工作 after a wartime lull is healthy for the school as well as a welcome all-urban addition to the extra-curricular program.

By the time this issue reaches press, Textile’s newest representatives will have had their first golf match in five years. Mass. State (F. Deveau) furnished the opposition at the Vesper Country Club.

The six-man team has been working out since mid-April at Vesper and the Deveaus control broke the ice on the dual-meet agenda. The abbreviated schedule dates with an entry into the New England Intercollegiate Championship on May 16-17, but matches with Deveus, Wayne State, Alpaca, and R. J. 1. State will serve to prepare our lads under pressure. “Stretched” Merchant’s absence will be sorely felt by the Coach. An appendectomy operation will bother him on a full swing and he’ll see no action with the linksmen.

Ellen, although, is about the week’s work on the sports front aside from news on the football team. Look for Brother Kusmeska’s Capers in this column come next issue.

At an Arabella Club dance June: “I could eat you up.”

Nabok: “Why, because I’m so sweet?”

Juni: “No, because your feet stick to the floor.”

**UPSTREAM DAY**

For many years before the war the school conducted an UPSTREAM DAY, which was closed for the day and we all went and had a good time playing baseball, bowling, bowling, bowling, and running races.

In addition, we had two meals, dinner and supper, and they were surely delicious.

This year UPSTREAM DAY is going to be held on WEDNESDAY, MAY 14, at ANDOVER LAKE PARK in New Hampshire. We have planned a swell turkey dinner and a buffet supper. The athletic program is going to include intramural baseball and softball, a game between the Seniors and the Faculty, bowling, bowling, bowling, bowling, bowling, bowling, and running races of various lengths.

We start out from school at 9:00 a.m. at WEDNESDAY, MAY 14, and buses will be provided for those who will need them.

All the classes must get behind this event for we need about 200 people going even we can get the day off from school.

For all this, the price will be only $2.50. For all these athletic events and for all this delicious food $2.50 is really cheap. You can get your tickets at the COOP of any retail merchant.

In conclusion, we say, "Get out and make this the best and the biggest UPSTREAM DAY that L. T. has ever seen. We guarantee a good time.”

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**MIS-PICKS**

From time to time, gripes are heard about the standing of Lowell Textile Institute. Most of the arguments follow a set pattern and show simply a complete lack of perspective.

It is true that in the past, some forms of recognition have been withheld due to inadequate library facilities, limited curriculum, or similar criteria. However, many other forms of recognition have been given. Lowell Textile has been awarded half a dozen gold medals and awards by as many worldwide organizations. The graduates of this school now occupy high places in the textile industry, allied industries, and some completely foreign industries.

For its inception, Textile has been heir to students from every part of the world. Men do not send their sons, nor do governments send their citizens half way around the world to attend a school unless they have something to offer. Indeed, too, that the number of foreign students is increasing, not decreasing. Is this not a very practical form of recognition?

During the war, many units of Textile joined the various Army and Navy educational programs. In many cases, these men were later transferred to other educational institutions, among them some of the top colleges and universities of this country. The majority of them did excellent work, few of them lost time or credit for courses that they did or did not have at Textile. Their groundwork was effectively and practically the same as that in these other institutions. In select words, another very practical form of recognition.

While it is true that Textile has its shortcomings, which this carrier is too easily to criticize on occasion, let us see on the line at hand the fact that Textile does have plenty to offer. No school is perfect, no teacher is perfect.

Let us recognize its worth and pull along with the faculty and administration to improve it. It is easy to criticize but difficult to improve established things.

**BOWLING CHAMPS**

Between the sets at the Tech Show, Jim King, chairman of the Interfraternity Council, presented the "Bowling Trophy" to Frank Ciglio who represented the Deke’s bowling team on the Thursday evenings which the men won in and around the best bowling alleys.

The final scores were: Deke Kappa Phi...20 Phi Pi...18 Alpha Epsilon...17

Members of the winning team were: Mike Radulich, Chris Kavousi, Julie Kenneally, Jack McGuire and Frank Aldrich.

**A.T.T.C.C. MEETS**

The student chapter of the AATCC met for their annual meeting May 7, 1947.

The annual report of the Program Committee, Publicity and Membership Committee were read and accepted.

Two amendments to the Constitution were proposed and accepted.

Election of officers for the year 1947-48 was held. The following are the new officers: Chairman—Albie Buxon. Vice-chairman—Peter McKeen. Secretary—Lawrence Gardner. Ass’t. Secretary—Alfred Healy. Treasurer—Miss Eleanor Foley.

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