Frozen Wool Process
Is Announced

— MR. R. J. WIG DESCRIBES THE PROCESS

The research facilities of the Lowell Textile Institute, Lowell, Mass., have been engaged for the past two years in developing and perfecting a new and novel method of treating raw wool and other similar animal fibers from extraneous matter such as skewers, scales, sand, ashes, and earth impurities. The treated wool is subjected to a temperature of 60 degrees below zero Fahrenheit, while being developed by machinery constructed from insulated stationary containing a corrugated plate which is at the rate of an 100 degrees per hour.

The time required for cleaning is approximately three hours or more, depending on the nature of the wool and the dirt it contains.

The freezing process removes vegetable matter from the wool in such a manner that the wool is not damaged.

The process of the principle of the process is as follows: The wool is placed in a press, which is held at a very low temperature, and then, while it is being processed, it is exposed to the air, which is also very low in temperature. The wool is then subjected to a very low temperature, and the vegetable matter is removed by the freezing process.

Why An Intermediate Feeder
In a One Process Picker?

This question is most frequently asked by those who are considering the introduction of the intermediate feeder into their wool carding facilities. The intermediate feeder is a machine that is designed to remove the wool from the wool picker and to place it on a conveyor belt, where it is then subjected to a second process, which is designed to remove the impurities from the wool.

The intermediate feeder is a very useful addition to the wool carding facilities, as it not only removes the impurities from the wool, but it also enhances the quality of the wool, as it is subjected to a second process of cleaning.

1935 Football Schedule

VOL XII
LOWELL, MASS., MARCH 30, 1935

"Unnatural Deeds Do Breed Unnatural Troubles.

FRIBS

"Many a man today is living by the sweat of his brow."

The depression was dodging about the city, the world is hungry.

The depression was a time of great suffering and hardship, and it was a time when people were forced to work hard to make ends meet.

This country was in a state of great depression, and the people had to work hard to make ends meet.

The depression was a time of great hardship, and the people had to work hard to make ends meet.

L. T. I. Baseball Schedule, 1935

Tea. Date and Team

April 15—Brown at Providence
April 20—U. S. Coast Guard at New London
April 21—Northwestern at Brown
April 25—Am. International College at Lowell
May 1—Boston College at Newton
May 11—New Hampshire at Durham
May 18—Springfield at Lowell
May 22—Hartford at Lowell
June 5—Yale at New Haven
UPSTREAM DAY

Wednesday, May 8, is designated as Upstream Day. All the upperclassmen are fully acquainted with the program of the day and we urge all, especially those applying for them to attend at the big event.

With the solution, however, the case is different. We expect to see a full turnout from the Class of 1938. Although the price for Upstream Day has not been settled, it is doubtful that any substantial increase will be made, and the present price is secondary, the big dinner, a great day of sports, and a buffet supper more than offset the cost of the ticket. As usual the faculty will give its whole-hearted support to Upstream Day.

If you are financially unable to attend, then a legitimate excuse for your absence exists, but do not be one of that small group of loyal critical students who sign up for the day and then spend the day at home.

We'll see you at Upstream.

A SUGGESTION

This editorial is an appeal to the students for the views of a group of students who are motivated with a sincere desire and who feel that they have hit upon a possible method of easing up the schedule at the Institute.

In a number of various subjects taught at L. T. I. it is customary to give but one examination each eight-week period, or in some instances only one comprehensive examination at the end of a semester. In such a procedure, we fail to see any logic. It has many defects and no apparent reason for existing. When such a condition exists it increases the intensity of the human error of procrastination. There exists a greater tendency to delay many serious studies of the subject until a brief period immediately preceding the examination. A second fault is that it includes too great a scope of material which results in decreased knowledge of the fundamental parts of the course. This creates an uncertain and personal gain of knowledge is reduced to a dangerous level. Again it results in a greater mass of material to be reviewed by the corrector.

Now as an alternate to the system that exists at present in certain subjects is a system of weekly quizzes or in some instances bi-monthly quizzes. This results in closer co-ordination between student and instructor; it is the bulwark of the fact that the student is making the work under consideration. The tendency to delay is destroyed by the necessity of study. The burden of correcting long quizzes is greatly lightened.

In the case of certain courses the assignment of considerable written homework during a period of examinations is a disturbing factor; neither the writer nor the material to be studied receive the needed time allotment. A prudent policy would be to stop this seriously disturbing factor.

Perhaps the advocates of this reform will be branded as "crack-pots" but we know of whence we speak and seek to advocate it, a greater knowledge and not an effort to edge our way out of any subject matter.

THE TEXT

LEFT OVER FROM PINK ISSUE

The Chalcopy Production Company, 32 Jefferson Road, Lowell, Mass., announces the 1935 Gilchrist "Baby Boy"

Model Number One

J. C. Gilchrist, owner and chief and producer.

H. A. Hangler, C. W. Holmes, Tech.

Model Released, March 4, 1935

Two long-power—Pure equipping

between line help—Double hard wear!

—Economical food—Water cooled engine—Exhibition grade seats. The transportation system the public there will be no models during balance of year.

Merrill.

Bacon Robert Parlin and Madame Oshokoro were married in Wakehurst, England. The Bacon is a "pretendit" to the Hopping throne; Madame Oshokoro is in the widow of the late Ambassadour from Tangier.

Charles Lincoln and Ruby were united in the Queens City on March 1. Lincoln is an indirect descendent of the great Alcibiades. Miss Oshokoro is a well known exponent of "Fau-tistic" lithographism.

Edward E. Rogers named Margaret Price of Mont Atlin.

Hatchet, Matched and Snatched

Snatched

Amariel Lee undated pictures of Bond. After dinner met last week at the home of 190. At his 60th birthday, Mr. Stokes was asked to call his who he knew and who he was not high school... Ruminations and Schol-

snatched

The girl who comes to a man with a desire to turn a man into a good social.

There is no report as yet of a reduction in the wages of the.

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CHEMISTRY AND TEXTILE COLORING — TEXTILE ENGINEERING Courses of B.T.C. (Bachelor of Textile Chemistry) and B.T.E. (Bachelor of Textile Engineering) offered for completion of prescribed four-year courses.

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3 College 1--Passenger Cars

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BIGGEST STOCK

LOWEST PRICES
DO YOU KNOW

THAT... Heavy water has been found at the bottom of Lake Baikal
in Siberia.
—26,000 people were killed by mice in 1954.
—The Daily Current was the first daily newspaper in London. It was
started on March 11, 1792; by 1780 there were fourteen dailies.
—The steel plants of the U.S. have been found to produce in excess
of $100,000,000 in expansion and more annually.
—The average coal miner works only 176 days per year.
—The exports of American cotton cloth declined 51% in the last ten
years.

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1937 Column
If you don't want to show your ig
nance don't ask LePel about the
disc wheels on his Ford. You will be
very likely told that the disc are
covers placed there for the protection
of the spokes.

Louis Durin, the main Australian
Jockey, is a genius at making calcula-
tions on foot but his answers and
the shock never come out the same,
but the course is none the less in-
teresting, is it Les?

We wish to point out the great attra-
tion to that English horse has for all
the horse world dating around the
hill. Every time Charlie leaves the
track 150,000 racers have a smart Santa
Clara.

Jack LePel in having a wonderful
time in the Applied Mechanics course
It's all in the book, Jack: take a book
sometime. You'll see it.

"Because we needed, but in this a
breath or a tick is a bideck.”

“Just a Few of the Kicks”

Getting out this paper is no pleas-
If we print jokes, people say we are
ru.
If we don't print jokes, people say we are
silly.
If we don't, they say we are too
serious.
If we clip jokes from other papers
we are too lazy to write them our-
selves.

If we don't we are stuck on our own
stuff.
If we can do to the job all day,
we ought to be out hunting news.

If we do not and try to hustle,
we ought to be on the job in the office.
If we don't print contributions, we
don't appreciate this paper, and if
we print them, the paper is filled with
jokes.
If we make a change in the other
people's writing, we are too critical.
If we don't, we are asleep.
Now, this is not: noise gay will say
we gained this from some other paper.
WE DID!

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spicy and aromatic tobacco in the
world.

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all the tobacco markets of Turkey
and Greece, including Xanthi,
Cavalla, Smyrna and Samsoun.
And when you blend and cross-
blend aromatic Turkish tobacco
with mild ripe home-grown to-
baccos as we do in Chesterfield
you have a milder cigarette,
a better-tasting cigarette.
Why An Intermediate Feeder In A One Process Feeder?

(Continued from page one)

The ledger which has resulted in the present-day machine. It is a matter of record that the first picker machine consisted of a somewhat crude arrangement, including a limited number of feed rolls and one or more beaters. The feed consisted of a matted beater on which cotton was held by hand, being spread as evenly as possible in this manner, the object being to get the stock into the form of a roll, or lap, which could be fed to the card.

It was soon found, however, that laps made on the pickers in this way varied so greatly in weight that they shoddy and unevenness in the number of the resultant yarns could not be obtained from the splinted Jenny. For that reason more and more attention was given to means for improving the cleaning and evenness of the laps.

Since the stock held on the feed belt was spread apart by hand, it was practically impossible to deposit an even layer of cotton on the belt, and it became apparent that a better method must be devised. An automatic feeder was introduced, with the result that the feed was so much more even than the hand feed method that great improvement was immediately noted in the finished yarns. This was wholly due to the refining action of the spindle fanning spun and the separate stripping roll, which opened up the twisted cotton and permitted it to be deposited evenly on the feed belt of the picker.

The picker in use at that time consisted of one or more beaters in line fed by an automatic feeder which went direct from the card to the picker. Variation in weight was still present, and the mess was considerable of breaking up the picker into two or more sections. The first section contained a single beater and an automatic feeder, and was called a breaker lap. Another section was equipped with a feeder feed roll at the back, on which four breaker laps were placed, thus producing the finest cleaning operation in the higher, or picker, room. The object of bringing multiple laps was by offsetting light laps with heavy laps, to arrive at a happy medium in the attempt to secure even evenness for the card.

The success of this shifting process was so marked that still another developing process was invented, and the picker lap was discarded. Thus, at this time, the improvement had reached a stage where three process picking was utilized, the empty laps of which were fed to the picker, with an automatic feed, an intermediate lap, in which four breaker laps were doubled into one, and the finisher lap on which four intermediate laps were again doubled into one, giving a total of sixteen doublings in the finisher room, and still the automatic feeder was the only even laying in the system.

(To be continued in next issue)

USED HER HEAD

"Oh, Martha," the little girl called from the splinted Jenny to the dairy maid, "there's a mouse swimming in the biggest pan of milk."

"Goodness, said Martha, "did you take it out?"

"No, and the little girl, "I threw it in the out."

AND LIKELY LISTENING

Doctor: "You confuse that you are bed-timpered. I suppose you told yu that someone has discovered that you have temper is caused by an old little minute."

Patient: "For goodness sake, speak quietly doctor. She's sitting in the next room."

THOSE GRANDSONS

Old Gentleman (entering office): "There is a boy, John Simmons, working here. May I see him? I'm his grandfather."

Clerk: "You're just too late, sir. He's gone to your funeral."

IT AIN'T ENGLISH

"When's your funeral, Alf?"

"Ain't got one, teacher."

"How many times have I told you not to say that? Listen; I haven't got one, they haven't got one."

"Well, where are all the bloomers, pants?"

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You find me the welcome third. I am always the same, always mild, mellow, fine-flavored, friendly to your throat. I am made of center leaves, only. Those small, sticky top leaves are sharp and bitter. Sand and grit destroy the flavor of the bottom leaves. But the choice center leaves grow to mellow openness, preserving every bit of fragrant tobacco flavor. I am made from those fragrant, expensive center leaves, I do not irritate your throat. This gives me the right to sign myself "Your best friend."

I am your
Lucky Strike