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SENIOR CLASS EDITION

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# THE SKIFF

VOLUME XX.

TEXAS CHRISTIAN UNIVERSITY, FORT WORTH, TEXAS, MONDAY, FEBRUARY 27, 1922.

NO. 20.

## INTRAMURAL CLASHES REVEAL GAGE MATERIAL OF BIG-LEAGUE CALIBER

### SOPHOMORES FAIL TO GET WELL IN BOYS' AND GIRLS' GAMES.

#### Senior-Junior Boys Beat Sophomores.

The class games opened up with a zest. The Senior-Junior boys versus the Sophomores was a close, hard-fought battle during the early stages. Many times was the score tied. At the end of the first half the winners were found leading, 15-12, due mainly to the deadly eye of Toad Stevenson from the 15-foot line.

The next half opened up with good defensive work by the two McCorkles and Fowler, thereby allowing the higher-ups to pile up a nice lead, which could not be overcome by the Sophs. Green entered the game in the last few moments of play, and in response to a rousing cheer tossed a basket from mid-court.

For the Sophs, Cross showed signs of real basket ball at times, while Estes at center proved to be their best defensive man.

Line-ups: Seniors—Juniors—Stevenson and Budget, forwards; Fowler, center; W. McCorkle and R. McCorkle, guards; Green, sub. Sophs—Camp and Cross, forwards; Estes, center; Cherry and Mack, guards.

#### Freshmen Girls Beat Sophomores.

The Soph girls came on the court decorated with the old purple and white ribbon as part of their head-dress. Captain Keeble and Captain Haden met in mid-court and decided on the details of the game, and the battle was on. But the supremacy of the Fish was soon predominant, mainly through the efforts of Haden and Jarrell. Captain Haden played a stellar game in the center court, getting the tap and intercepting many of her opponents' passes. Jarrell proved to have the keenest eye for the basket, making several difficult shots. Connell, at guard for the Sophs, kept her opponent in hand during most of the fray.

#### LESLIE'S HAIR.

Temples of old Egypt,  
Pillared in black agate and chalcedony,—

Lithe young alcovytes—dreaming by the lotus-pond,  
Languidly feeding pistachio kernels  
To the pet flamingo;

Or silently swinging  
Ambergris and aloe in dull-gold censers

Reverently, for love of Osiris,  
Powderings of velvet star-dust  
Sifted in pale chalices of jasmine bloom.

Elf-weavings of silken mystery,  
Softly alluring  
Going back like music  
Rhythm upon rhythm.

Restless, restless, discontent,—  
Medusa-like,  
In subtle peril to the unwary.

Giant spider meshes, tangled night-webs,  
Coils of beauty, twining, twining,—  
Loveliest,  
Woven into moth-wing blackness.

—Janette Sherk Guertler.

## New Pastor of University Place Church



All-Church Press

F. E. BILLINGTON  
New Pastor of University Place Church, succeeding Walter P. Jennings who went to Texarkana, Feb. 1.

## Grads of 1923 Elect Officers and Frog Staff

Hail the Seniors of 1922-'23!

They're already off to a flying start, with officers elected, a Horned Frog Staff in the harness, and unlimited enthusiasm to back them in their endeavors.

The class of '23 met Thursday and elected officers, to wit: Edwin A. Elliott, president; Miss Ploy Schoonover, vice-president, and Miss Janette Ginsburg, secretary-treasurer.

The annual staff lines up as follows: Norman Spencer, business manager; John T. Stevenson, assistant business manager; Thomas E. Dudley, editor-in-chief; Miss Lorraine Sherley and Miss Edwina Day, associate editors; Miss Ida Tobin, kodak editor; Wood Carson, athletic editor; Dwight Holmes, art editor.

The Juniors voted to entertain the class of 1922 with a picnic some time in the spring, and an invitation will be formally tendered.

Next year's class is jubilant over the circumstance that its Commencement will coincide with the semi-centennial celebration of the birth of Texas Christian University.

## WOMEN'S ASSOCIATION WILL SEND DELEGATE TO NATIONAL "Y" MEETING

### STUDENT Y. W. C. A. ANNOUNCES FOUR-FOLD AIM FOR YEAR.

The Y. W. C. A. is working with an earnest and broad view, this year. It is endeavoring to promote in every sense the purposes of this world-wide association to lead the students to faith in God through Jesus Christ; to lead them into membership and service in the Christian Church; to promote their growth in Christian faith and character, especially through the study of the Bible; to influence them to devote themselves in united effort with all Christians, to making the will of Christ effective in human society, and to extending the Kingdom of God throughout the world.

Any woman of the institution may be a member of the association, provided, that she is in sympathy with the purposes of the association and that she makes the following declaration: "It is my purpose to live as a true follower of the Lord Jesus Christ."

The qualifications for leadership are:

1. All members of the cabinet shall commit themselves to furthering the purposes of the association.
2. Two-thirds of the cabinet members shall be members of the churches which are entitled to representation in the Federal Council of Church of Christ in America, and only those delegates who are members of such churches shall be entitled to vote in conventions.

Members of the advisory board shall meet the qualifications of cabinet members.

The Y. W. has been looking forward with intense interest to the national convention of Young Women's Christian Association in Hot Springs, Ark. The convention dates are tentatively April 20 to 26.

There is a National Student Assembly which is to meet in connection with the other convention. This National Student Assembly, from the legislative point of view, is the first that has been held.

The basis of representation shall be one voting delegate from the first 100 or less voting members in each association, with an additional voting delegate from each additional 100 voting members.

T. C. U. is planning to send a delegate, who will be elected in a regular assembly of the Y. W. C. A.

Miss Rebecca Smith will talk to the Y. W. next Wednesday evening. This will take the place of the regular Thursday evening assembly.

while Anderson at the other end of the court handled the ball well. From the showing of this group, Varsity should have a girls' team next season.

## SOCIAL HYGIENE CHIEF PROBLEM OF HOUR. SAYS EMINENT VISITOR HERE

### DR. SWAN ADDRESSES STUDENTS AND HOLDS CONFERENCES.

Dr. Swan, a great favorite at T. C. U., delivered a frank and right up-to-the-minute address in chapel Tuesday morning. He gave an honest statement of present conditions in the world, and discussed the great need for the college-bred man and woman to help right such conditions.

Dr. Swan says that the part for which each boat is bound is happiness and that in that boat there are two occupants, a boy and a girl, who love each other and are married under regulations of the religion to which they belong; and that so many of the marriages end in misunderstanding, one out of every nine landing in the divorce court.

He attributes most of the present unfortunate conditions to the movies, the dance hall and the automobile. The movies teach the wrong kind of love-making—sensual, impassioned love. The dance halls, with their outrageous, modern jazz dances, and the automobile, with its joy rides, minus the chaperon, are forces leading to destruction. He believes that what the world needs is social hygiene, and the rules governing social hygiene are those governing conventional society.

Dr. Swan's frank discussion was indeed greatly appreciated by the student body. At the close of the chapel exercises he addressed the men alone and, later, in the afternoon, he spoke to the girls in Jarvis Hall on subjects of vital interest.

In Logic class, the chair in which Bishop is sitting falls through, and Prof. McDiarmid drily says: "Boy, if you expect to sit in a chair you'll have to keep your feet on the floor. The chair is not strong enough to hold you and your feet, too."

Mr. Shipman has named two of our students of Clark Hall. He calls Joe Faskin "Coca Cola Mary" and Emerson Holcomb is known to him as "Chewing Gum Anny."

## Varsity Has Reasonable Assurance That \$69,000 Indebtedness Will Be Removed by the Churches of Texas

A conference of church leaders ministers and laymen met in Brite College chapel Friday, Feb. 24, for the purpose of starting a movement to raise \$69,000, in order to pay the current indebtedness of Texas Christian University—an indebtedness which has been brought on by the financial crisis.

A full detailed report, in pamphlet form, including a statement of T. C. U.'s financial situation and the budget for next year, was distributed to those present. These items were thoroughly explained by Mr. Smiser, our business manager, and President Waits, and the visitors were invited to ask questions about any feature of the expenditure.

The report showed that it will require \$32,000 to pay the bills of the rest of the year, and \$37,000 to pay those outstanding bills already accrued, making a total of \$69,000 that must be raised this year.

A committee was appointed to work out a plan for raising this amount, and L. D. Anderson was appointed as its chairman. This committee reported back recommending that the sum be apportioned among the Christian churches of the state and each pastor asked to raise the money desired in his own church.

An executive committee to head the effort was also appointed, composed of L. D. Anderson of Fort Worth, Graham Frank of Dallas, A. J. Bush of Waco, Ross Sterling of Houston, J. L. Keevil of Wichita Falls, Clifford Weaver of McKinney, H. R. Ford of Houston, W. P. Jennings of Texarkana, S. J. McFarland of Dallas; J. L. Finnell of Paris, and S. D. Moore of Van Alstyne. The apportionment to the churches will be sent out this week. Practically every preacher here has pledged to do his best to raise his allotment. Pastor Finnell of Paris brought \$600 of his \$1,500 apportionment along.

## MUSTANGS GOP DOUBLE VICTORY FROM HORNED FROGS; LOCALS WEAKEN

### WINNING STREAK BROKEN WHEN CHRISTIANS MEET METHODISTS.

Throughout the season, T. C. U.'s Frogs have in every series seemed to have an "off night" in at least one of its games. This held good for the first game with the Mustangs.

In our first encounter a great gathering assembled to see the Frogs ride the Mustangs, but before they could get this wild beast saddled he had accumulated such an advantage that he could not be overcome. However, in the latter stages of the fracas the Horned Frogs showed a comeback of fight and dash that bewildered the Dallasites and almost turned defeat into victory. While the Frogs were trailing close behind and having one of those spurts which has characterized their playing all season, a foul was called which seemed to deaden their spirits and the Purple and White was found on the short end of the score.

On Tuesday night the team, with a large number of its followers, went over to Dallas vowed to avenge its defeat of the night before. The team came on the floor with that grim determination to win, but soon after the game got in progress it was clearly seen that the Horned Frogs did not know how to cope with the officiating that was being meted out. Kitts, the Mustang star, started the scoring, but Adams for T. C. U. came right back with a goal, but after the ball had passed through the basket the referee fowled one of the Mustangs and did not allow the count. On four distinct occasions did similar instances like the one related occur. The writer does not believe that the S. M. U. student body approves of such officiating as took place, not only for their own sakes, but for the sake of the future of the game. We admit that the Mustangs have a wonderful team and it will take every centralized effort of the Frogs to beat them, but on the other hand we like to see our Frogs treated justly. Fight 'em, Frogs, and let's even the count!

Speaking of Oratory, I heard Jerome Moore say that he wouldn't let "Chock" Batton call his hogs.

## Varsity Debaters Prepare to Meet Hefty Opponents

Preparations are in a fair state of completion for the coming forensic tilt with the University of Southern California, to take place late in March, Prof. W. E. Bryson, Prof. W. E. Gettys, and M. A. Buhler, who comprise the "committee on foreign relations," have submitted a list of prospective judges, all of them prominent judges of state and federal courts in Fort Worth. From this list three men will be selected by U. of S. C. representatives to adjudge the debate.

The team destined to meet the longshore debaters will be selected in a preliminary contest, Thursday evening, Mar. 2, at 8 o'clock.

Finals in the annual triangular debate between T. C. U., Trinity U., and Southwestern U. are slated for Friday, Mar. 3, 8 p. m. At the same hour when John T. Fulcher and Henry E. Fussell meet the Pirates at Georgetown, M. A. Buhler and Al Nelson will be defending the honor of the Frogs against the Trinity Tigers on the local platform.

Give the debaters your hearty support!

## INJURED KNEE FORCES EDITOR OF HORNED FROG TO LEAVE UNIVERSITY

### MISS MARJORY DICKEY, POPULAR SENIOR, WILL RETURN HOME.

The Senior Class has lost one of its cleverest and most popular members, Miss Mary Marjory Dickey. For sometime Marjory has been suffering with an injured knee and last week was forced to leave school. She has been under the care of physicians in the city, but in a few days will be taken by her mother to Kansas City for an examination.

Marjory, in spite of her misfortune has worked faithfully on the 1922 Horned Frog, of which she is Editor-in-Chief. She has put forth her greatest effort toward making it a success and it will be, indeed, hard to secure another to take that place she has filled so successfully.

Last year, Marjory was elected the cleverest girl in school and has always proved her ability to fill that place by her excellent grades and the part she has taken in the many social affairs of school by her reading.

The student body wishes for Marjorie a speedy recovery and hopes that she may return to school in time to get her degree with the class of 1922. She fills a place in the hearts of her many friends that none other could fill.

## Father of Nation Honored by Group of T. C. U. Students

The students of T. C. U. met in chapel at 10 o'clock Wednesday, Feb. 22, to celebrate the birthday of the first President of our country. Dutch Meyer, president of the student body, had charge of the services. A splendid program was rendered by representatives from the different literary societies and the faculty. The service began by the audience singing "The Star-Spangled Banner" and "America, the Beautiful," followed by the invocation, by Mr. Buhler. Miss Carrie Jean Davis gave a very entertaining reading and Miss Angelina Thompson sang a beautiful solo. Mr. Chestnut spoke on "Washington, the Super-Man," in which he told us that the stories about "the cherry tree" and Washington never telling a lie were merely fables. The program concluded by professor McDiarmid giving a forceful, stirring address on "American Patriotism" as exhibited in the spirit of 1776, in the response to the crisis of 1917-1918 and in the future American patriotism, participation in the federation of the nations.

## STUDENTS GAIN GLORY IN CLEVER PORTRAYAL OF STAGE CHARACTERS

### FOOTLIGHTS CLUB PRESENTS THREE PLAYS IN COMMENDABLE STYLE.

Friday night, in the chapel, the Footlights Club of T. C. U. presented three clever one-act plays—"The Way the Noise Began," by Don and Beatrice Knowlton; "Just Neighborly," by Alexander Dean, and "While the Auto Waits," a dramatization of O. Henry's story of the same name by Gladys Smith and Mary Barclay.

In the presentation of these plays the Footlights revealed that it had some splendid dramatic talent in its group. The casts of all three plays did so admirably that it would indeed be impossible to pick out the favorites.

In "The Way the Noise Began," Opal Strong as "Ghe," Ashley Robey as "He," and little Paul Pirkle Jr. as "It," did excellent work. Their comical little farce was unusually clever and enabled Mrs. Strong and Mr. Robey to do good characterization—or, perhaps, it might be better to say "caricaturization."

"Just Neighborly" was a play with humorous characters and incidents, but with an ending highly tinged with sadness. The actors in this play can not be too highly praised for the wonderful interpretation which they gave to their characters. Mary Poston as Rhoda Webb, the village gossip and newspaper, was perfection itself. With her brilliantly red dress, curls, white shoes and expressive countenance, she looked and acted the part. Melvin Bishop, as Ezra, the old man, displayed another side of his remarkable versatility. His was a splendid interpretation of an old man's voice, actions, and spirit. Florine Hooten as Adna, Ezra's wife, gave an admirable portrayal of the vainglorious, title, old woman wavering between desires; one to believe her son and the other to believe the malicious insinuations of her neighbor. J. A. Chestnut quite capably and in quite a business-like fashion, played the son.

"While the Auto Waits" was opened by a newsboy (Tyler Wilkerson), who scored an immediate success. Christine Coley and Billy McBee, the leads, were wonderfully suited to their parts and did some very clever acting. Homer Strong as the chauffeur completed the cast.

Taken all around, the Footlights did pretty good work in their staging and production of these plays, and it is a pity that the student body of T. C. U. does not appreciate the efforts of the club enough to turn out a larger crowd than was present at the performance Friday night. Let us hope that it will in the future manifest more interest in what the Footlights are striving to accomplish for the dear old Varsity.

McAfee, holding a little, blue-colored, coffin-shaped tablet, said, "If you take one of these you will be immune from all disease."

## HEADS COMMITTEE TO RAISE AMOUNT OF INDEBTEDNESS



L. D. ANDERSON  
Pastor of First Christian Church of Fort Worth.

THE SKIFF

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THE SENIOR CLASS CALL

Freshman, Sophomore, Junior, Senior—truly, we are each members one of another, bound by the common ties of loyalty and love for our Alma Mater.

"That love for one, from which there doth not spring. Wide love for all is but a worthless thing." It is a too well-known fact that the Horned Frog has not received the support nor had the co-operation of the student-body. The annual is, without doubt, the most powerful representative of our institution. It is not a Senior class affair; we are merely privileged to be its engineers. It belongs to you! Every student in T. C. U. is responsible for its success. Who is the slacker that shirks his duty?

Colonial Costumes Feature Washington Anniversary Party

On the evening of the twenty-second of February, at 8 o'clock, a crowd of about three hundred students and teachers gathered in the auxiliary gymnasium to celebrate a Washington Birthday party, which was given by the Y. W. C. A. and the Y. M. C. A.

In the reception line stood George Washington (Melvin Bishop) and Martha Washington (Leona Crain), and other members of the important colonial families. Other members of the reception line were Mr. Jefferson ("Judge" Green), Mrs. Jefferson (Marjory Hoffman), Mr. Hancock (Earl Dudney), Mrs. Hancock (Ann Ligon), La Fayette (Mr. Elliot), and Betsy Ross (Elizabeth Lynch). These artificial characters, dressed in their gorgeous costumes, gave a true representation of the good old days.

Miss Adelia O'Meara, a gypsy among gypsies, won everlasting fame as a fortune-teller. Her booth was stationed near the center of the patriotic-decorated hall, and she was kept busy for many hours unfolding the futures of the unhappy and downcast lovers of T. C. U.

One of the leading attractions of the evening was the minuet. The dainty acting of Martha Washington, accompanied by the chivalrous La Fayette, together with the exceedingly refined Mrs. Jefferson and her distinguished husband, brought about a hearty response from the enthusiastic group. The dancing of the distinguished southern gentleman, Mr. Jefferson, was somewhat out of step and his intimate friends suggested that to reach misstep he should receive a lash, and we guess he received well-nigh a thousand.

Following the minuet, George Washington introduced the game of "Going to Washington." Mr. "Boob" Fowler proved worthy of his name by taking the last chair and leaving Miss Vida Elliot standing.

Groups of numbers were given out and General George Washington requested each group to select and sing their favorite song. After each group had sung its favorite son, the three groups were stationed at different places in the hall, and they sang their loudest, each attempting to drown out the other. Mr. R. A. Brown thought himself such a gifted singer that he rendered his sweet voice to two of these sections.

Next on the program came the "Jumping-Jacks," who were dressed in elaborate, vari-colored clown suits, and masked. One of these jumping-jacks, however, was too young and unsophisticated to keep in harmony with the movements of the others and, consequently, produced much laughter and applause. Upon investigation it was learned that this mirth-producing lassie was Miss Millicent Keeble. The music on this occasion, as well as throughout the entire program, was furnished by Miss Floy Schoonover.

Miss Chowning Moore, the "freshie orator," gave a reading on "The Making of the Flag." She began by imitating a private saluting a ser-

geant and saying:  
 "Sir, we ain't got no flag."  
 Sergeant: "Gee, ain't that fierce? I'll tell the Captain."  
 Sergeant (to the Captain): "Sir, we ain't got no flag."  
 Captain: "Gee, ain't that fierce? I'll tell George."  
 Captain (to General George Washington): "George, we ain't got no flag."

Washington: "Gee, ain't that fierce? I'll tell Betsy Ross."  
 Washington (to Betsy Ross): "Betsy, we ain't got no flag?"  
 Betsy: "Gee, ain't that fierce? I'll make one."

This reading met with so much applause that she gave another.

La Fayette then had all present form two lines for a progressive George Washington in chopping down a cherry tree with his little red hatchet, but we can not say that he is a little George Washington as far as truthfulness is concerned. Miss Millicent Keeble surprised all present by pinning the hatchet on Miss Ida Tobin's coat.

La Fayette gave the toast for the George Washington birthday cake. He must have been homesick, for he at once began talking about his wife, who was not present. In his so-called toast he talked about everything under the sun, from a rat-sheep to a biscuit. After finish-spelling match.

In the next number of the program John Wood proved another ing his talk, he requested each one to take hold of the candle and pull. On doing so, each one received a nice little candy cherry souvenir.

By this time we had come to a particular part of the program, in which everyone was able to take a leading part. Of course this part of the program was the refreshments. The refreshments consisted of ice cream and cake. Everyone was given an ample supply of cream and cake, but Red Bradley was not satisfied, and he slipped behind the curtains and stole a whole brick of ice cream. As he could not make away with it and resume his present standing with the ladies of Jarvis Hall, he handed it to his colleague, Moe Holland, with the instructions that he give it to Miss Aileen Rayl with his compliments.

The singing of the "Star-Spangled Banner" concluded the program, and all left in a happy frame of mind.

RECORD SILK TRAIN.

Four million, eight hundred thousand dollars' worth of silk, one of the most valuable single cargoes of freight ever transported over an American railway has just been sent over the electrified lines of the Chicago, Milwaukee & St. Paul Railway. This shipment was contained in the longest exclusively all-steel baggage train ever operated between Seattle and Chicago. The journey of 2,174 miles was made on scheduled time.

The train contained 14 baggage cars and one coach, the latter for employes. The weight of the train was 1,325 tons. This is equivalent to 23 express refrigerators, and made it possible for the shipment

to be made in one special train instead of two. The "silk special" contained 448 cases of manufactured silk and 4,808 bales of raw silk.

This cargo was bound from the Orient to New York, and it reached Seattle on the Japanese steamer Arabia Maru. It was hauled up the

Cascade Mountains without a helper by one of the powerful 3,000-volt General Electric locomotives, and was lowered down the heavy grades on the other side by electric braking. With the electric locomotive the air-brakes are held in reserve, and regenerative braking is used in descending grades.

Baker Floral Co. FLOWERS



Select From Thousands Instead of Dozens

WEN YOU SEES LONG LINES OF FLOWERS WHILE IN 'ER FANCY DESS A DESIGN FOR IT—DEY DONE DOWN TO WORTHY JAR. EN WEN YOU SEES DE COUNTY GARDEN IN DE PUGGLY WIGGLY STO DEYS A REASON TUM DAT TOO—DEY DONE FLOW DE HONEY JAR.



Announcing Our Semi-Annual Style Revue At the Palace Theatre

Commencing Today, Monday, Feb. 27, and Continuing Through the Week

—An exquisite showing of the New Modes for 1922 in Ready-to-Wear and Millinery, with their brilliant blending of Oriental coloring and trim—as well as the Latest Creations in Shoes, Hosiery, Gloves, Jewelry, Hair Ornaments, Bags, Purses and Neckwear—will be displayed on Live Models—Three performances each day.

Afternoons 3:30

Evenings 8:00 and 9:30

—Running in conjunction with the splendid photoplay, "Moran of the Lady Letty," starring Rudolph Valentino and Dorothy Dalton.



Snaman's WOMAN'S WEAR

Houston at Third

DO YOU KNOW—

—that money saved is in reality stored energy? Have you begun to set aside some portion for Life's Autumn? We have every facility for Service in our Savings Department.

Fort Worth National Bank (Established 1873)

Capital, Surplus and profits \$2,100,000.00  
 Main at Fifth United States Depository

MILLINERY

The best hats as usual are here, the price is right. We hold open house for you

BOONE'S

604 Houston Street Where Most Women Trade



From A Faint Blue Glow To Modern Miracles

EDISON saw it first—a mere shadow of blue light streaking across the terminals inside an imperfect electric lamp. This "leak" of electric current, an obstacle to lamp perfection, was soon banished by removing more air from the bulbs.

But the ghostly light, and its mysterious disappearance in a high vacuum remained unexplained for years.

Then J. J. Thomson established the electron theory on the transmission of electricity in a partial vacuum—and the blue light was understood. In a very high vacuum, however, the light and apparently the currents that caused it disappeared.

One day, however, a scientist in the Research Laboratories of the General Electric Company proved that a current could be made to pass through the highest possible vacuum, and could be varied according to fixed laws. But the phantom light had vanished.

Here was a new and definite phenomenon—a basis for further research.

Immediately, scientists began a series of experiments with far reaching practical results. A new type of X-ray tube, known as the Coolidge tube, soon gave a great impetus to the art of surgery. The Kenotron and Pliotron, followed in quick succession by the Dynatron and Magnetron, made possible long distance radio telephony and revolutionized radio telegraphy. And the usefulness of the "tron" family has only begun.

The troublesome little blue glow was banished nearly forty years ago. But for scientific research, it would have been forgotten. Yet there is hardly a man, woman or child in the country today whose life has not been benefited, directly or indirectly, by the results of the scientific investigations that followed.

Thus it is that persistent organized research gives man new tools, makes available forces that otherwise might remain unknown for centuries.

General Electric Company

Schenectady, N. Y.

## CULLEN THOMAS' FIRST BROADSIDE

Makes Opening Speech at His Old Home in Valley Mills. Thousands Present.

Valley Mills, Texas, Feb. 25th: Amid enthusiasm before an audience estimated at five thousand, Cullen F. Thomas, today made the opening speech of his campaign for the United States Senate.

Here he came as a boy from Tennessee and taught school his first year in Texas.



CULLEN F. THOMAS

The community took a holiday with free barbecue, parade, band and streamers. A dozen four-minute talks were made by visiting speakers from neighboring counties.

A synopsis of Mr. Thomas' address is as follows:

I am happy on this eventful day in the great adventure of life, to stand among my best and earliest friends on Texas soil. Learning in my boyhood the story of Crockett and Houston, leaving behind the old homestead on a Tennessee farm, I was drawn toward Texas as a land of romance and opportunity.

### Target for Opponents.

Now that I have offered for high office, though but a private citizen, I find myself already a target for those challenging my aspirations. I find that one of my honorable opponents through the press appeals for support on the ground that he has not been mixed up in past political feuds in Texas. I find another opponent, though quoted as regular in his alignment with the reform forces claiming to reap advantages over my self before the people because of his own lack of activity. I find another prominent opponent bluntly announcing his candidacy chiefly against my own, because of the things for which I have stood and fought through the years.

I raise these questions before the fair-minded men and women with whom and for whom I have labored so long and so hard. Must a candidate be punished because he has had convictions and the courage to avow them?

Will the women of Texas, when capital is sought by others because of my activities in their behalf, be unmindful of my earnest advocacy to put the ballot in their hands as co-worker with men in building a better world?

And am I to be penalized because in the days that tried men's courage, I never flinched in the fight to break the stranglehold of the lawless liquor traffic, in the moral and political life of Texas?

I present these other questions to those against whom I may have been arrayed in other campaigns: Is a premium to be offered in politics on indifference or diffidence?

What sort of soldier is he, old enough to shoulder a gun, who boasts that he has fought no battles? Shall the humblest of us be ashamed of our scars? Will the timid warrior last year lead a charge next year? Is not the Senate of the United States a battlefield?

I would not re-open but heal the wounds of the past. I rejoice in the generous support of many splendid Texans, who in other days followed a different flag. I stand ready here and now to join hands with all the foemen of yesterday as friends of today in facing the new problems that challenge us tomorrow.

### Against Centralization.

Let the trumpet call be sounded, alike to Congresses, to Executives and to Federal Courts, against further encroachments on the reserved rights of independent states.

Let every lover of America stand guard to preserve inviolate the sacred principles of local self-government in all matters of local concern.

Is not Congress a hopper into which are poured fanciful and new-fangled schemes for regulation of private and domestic concerns of the people? Do we realize that more than ten thousand bills and resolutions have been offered during the present Congress? Is not the federal government fast becoming a bureaucratic government?

Let us not think of Uncle Sam as a benign, bewhiskered Santa Claus handing gifts down to the people. Let us remember the gospel taught by Jefferson that "were we directed from Washington when to sow and when to reap, we would soon want bread."

### Peril of Wealth.

I know of no graver peril to the republic than the concentration of the wealth of the country in the hands of a few. In my boyhood a rare thing was the millionaire. In my brief span we have reached the age of the billionaire.

What is the picture? Who owns America, with its wealth estimated at \$250,000,000,000? The economists tell us that one man owns one-hundredth part of all its wealth; that one per cent of its families own more than one-half of all its wealth; that two per cent of the people own two-thirds of all its wealth; that two-thirds of the people own but one twentieth of all its wealth.

The popular cry is heard in some quarters for less government in business. I am for whatever government in business may be necessary to break the grip of big business on the government.

I have no fear that organized greed will not be heard in Washington. I want to go to speak for the hard-pressed, forgotten men and women of the land, toiling in shop and store and factory, and in dark mines and by flaming forges and far out on the lonely farms—for such as these are the burden-bearers of the world.

### Lobby Evil.

I favor and if elected will introduce and champion a stringent, National anti-lobbying law that by the power of publicity and prison penalties will put the brand on corporate hirelings and protect public business from middlemen and nefarious methods of those whose sole motive is private gain and not the general good.

### Squandermania.

The question of pressing concern on our citizenship is the staggering cost of government. The bill, as never before, alike in nation and state is for the cut-to-the-bone economy.

How appalling to learn that the annual cost of the Federal Government is more than the annual cost of all our forty-eight state governments and all of our town and city and county governments!

How staggering the burden that it pays the federal appropriations for the year 1920 would take all the money got that year for all the cotton, wheat, and corn raised by all the farmers of America!

No wonder Roger Babson, the statistician, would say, "A business administration of the federal government would save \$2,000,000,000 per year to the people of the United States."

A Senator can render his country no higher service than to fight like fighting fire to stop this squandermania in government.

### Problems of Taxation.

The views of every Senator on every phase of taxation touch vitally every tax-payer's pocket-book.

I have nothing to conceal. In a nutshell I would raise this money chiefly by direct and not indirect taxation. I would levy this annual toll on possession and not on consumption. I would lift the chief part of this \$4,000,000,000 burden from the backs of those who have not and let the load be borne by those who have.

Now comes the proposal to lick a stamp on every bank check. Again, to increase letter postage from two to three cents, to pick up the pennies of the people. Again, to tax the autos ten dollars apiece, making no distinction between the Lizzie and limousine. Again, a tax on gasoline with equal burden on the farmer's tractor and the pleasure car of the rich. Again, a general sales tax that levies its toll on every thing in every home from kitchen to parlor, from baby cradle to coffin.

Against all these shifting subtleties and devices, I stand firmly opposed.

### Tariff Robbery

I take issue with those Democratic members of Congress who talk eloquently about a tariff for revenue only and then vote for the most indefensible tariff measure fattered by the Republican Party in its history.

I denounce the so-called Farmers Emergency Tariff as a quick remedy for the farmers' woes. The Emergency Tariff provided for 35c per bushel on wheat. Since its passage wheat dropped from \$1.50 to 90c per bushel.

It provided for a tariff of 15c per bushel on corn. Corn dropped to 20c per bushel, and the farmers of the Mid-West find it cheaper fuel than burning coal.

It provided a tariff of one cent per pound on rice that cost the farmer from \$1.00 to \$1.70 per bushel to raise and dropped to 20c and 50c per bushel.

### Denounces Esch-Cummins Law

The transportation act of Congress, passed in 1920, was the consummation of legislative iniquity.

I object to that provision of the law that undertakes to clothe the Interstate Commerce Commission with power over intrastate traffic and service.

Again, I protest in the name of the whole people, against that provision in the transportation act that authorizes a 6 per cent return on fictitious book values of the railways of the country.

Is it not beyond endurance that the railways should take one bushel of the farmer's corn to ship two? Or take one Texas beef to ship two more? Or take one-half of what the consumer pays for a carload of wonderful Rio Grande Valley fruit? Is it not unconscionable that freight charges should total one-third of what the consumer pays? Is it not highway robbery that freight rates have been advanced approximately 80 per cent within three years.

To those Congressmen who say that they voted for the monstrous Esch-Cummins Act because of the threat of governmental ownership, I pause to ask which is better that a government shall own the railways or that the railways shall hold a mortgage on the American people?

### Relief For Farmers.

By forces beyond their control, the farmers saw their markets glutted, their prices slashed and within half a year five millions in values destroyed. It is enough to kindle re-velation for a farmer's corn to take the place of cord-wood. It is not very appetizing for a saucer of oatmeal to cost a bushel of oats. It is enough to make a farmer kick hard to get 25c for a cow-hide and pay 50c to have one old shoe half-soled; and to find that one pair of new shoes would cost a whole wagon-load of hides.

But the farmer's problem is a national problem. The hour has struck to marshal all the resources and energies of the government to restore and rebuild this basic industry in the nation's life.

### Government Guaranty of Prices

I do not hesitate to go further and declare that in a crisis such as this, I would invoke all the powers of government to lift up and stabilize and sustain the prices of the staple farm products of the country. Does the government possess the power? That is not denied. Should the people through their government exercise that power? What musty platitudes of political economy shall stand in the way?

If the United States Grain Corporation is a useful agency in time of war, why should it not be revived for emergency in time of peace? When all the world yet suffers from the ruin of war?

Or if the government should use its power to establish a maximum price for wheat as a war measure, is it not good business and self-defense for the government to establish a minimum reasonable price above the cost of production for corn and wheat and cotton as an emergency peace measure?

### Federal Reserve Bank.

The Federal Bank as established and administered during its earliest years served well the nation's need for a sound and elastic currency. It enabled this government without financial crisis or crash to meet the demands of this nation and its allies in World War.

I deprecate and condemn the attitude at times of the Federal Reserve Board at Washington as haughty, defiant, and unsympathetic toward the farming interests of this country, that long ago should have had representation on that Board.

I believe the evidence to be abundant that the sudden contraction of credits through the deflation policies inaugurated at Washington was a potent factor in destroying property values and bringing untold calamity to the country.

### Militarism

With all the earnestness of my soul, I dedicate all of life left to me to fight militarism wherever it lifts its ugly head.

On the low plain of money saving, I am against preparation for future wars until we have paid for past wars.

I am unalterably against a big navy.

I do not advocate complete naval disarmament by this country alone, but I hail that coming day when by solemn agreement of all the nations they will scrap and sink all the navies that ride the seven seas.

### International Relations

I believe the League of Nations the largest step taken and the best plan yet devised for preserving the peace of the world.

In my opinion the present chaotic condition of the world comes in large part because America defaulted in the day of opportunity and duty. Business, trade, commerce, the opening up of lost markets, the stabilization of debased currency, the cementing of new relationships, the binding up of the gaping wounds of war—all these have awaited the leadership of America at the council table of the League of Nations.

Miss Carrie Jean Davis spent last week-end at her home in McKinney.

### DO METALS GET TIRED?

By Prof. H. F. Moore, Engineering Experiment Station, Urbana, Ill.

Do the metals get tired? In school days we "orated" about tireless, "steel-sinewed" athletes. Now, the word "fatigue" is being used by men of science as the most suggestive name for certain kinds of failures of steel and other metals. Metal of apparently excellent quality breaks without warning in crankshafts of airplanes, in parts of steam turbines, in other rapidly moving machines, in members of bridges subjected to vibration and frequent changes of stress. What are the causes? How can such failures be avoided? What are the limits of endurance of various metals under many repetitions of stress?

Answers to these questions became especially important during the war, and particularly in connection with military aviation. A committee of engineers and scientists organized by National Research Council and Engineering Foundation undertook a study. The problem proved complex and its study costly. But lives and property are in jeopardy through lack of knowledge. Therefore, the study has been continued. After the armistice, the Division of Engineering of National Research Council turned to the Engineering Foundation for financial assistance. The Engineering Experiment Station of the University of Illinois had been connected with the early study and had the men and some of the facilities needed for further research. In October, 1919, the three organizations mentioned entered into an agreement for two years, Engineering Foundation undertaking to provide \$30,000, in installments as needed. A limited line of experiments was inaugurated. Certain manufacturers contributed test specimens of steel. Special machines were constructed and methods devised. Under known conditions many specimens are being subjected to millions of repetitions or changes of stress. Information of practical importance is emerging from the accumulating records of hundreds of observations.

Recently, the General Electric Company requested an extension of the program of tests to cover certain nickel steels in which it is interested as a builder of steam turbines. To meet the expense, the company offered \$30,000. A supplementary agreement was undertaken and the new work has been started. The company gets, incidentally, the benefits of the experience already gained, the special facilities developed, and the general supervision of the committee of expert metallurgists and testing engineers, organized for this research by National Research Council and Engineering Foundation.

Other users and producers of wrought or cast metals can secure valuable information at relatively small cost, by taking advantage of

the existing staff and facilities for group of special tests helps in the expanding this research in fields of understanding of the general peculiar interest to them. Each item.

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Ladies' Lace Clock Silk Hose, in various patterns, in black and brown, all sizes, is priced, the pair... **\$4.75**

Ladies' fine quality Pure Silk Hose, full fashioned, elastic garter top, heavy silk lisle heel and toe, choice of nude, beige, navy new tan, brown and black; is priced, the pair... **\$2.00**

**Monnie's**



## WHAT IT MEANS TO YOUR BEST GIRL

Young Jonnie Gay bemoaned his fate His girl refused to be his mate No reasons given, just skidoo, Be on your way, I am done with you. Jonnie gulped but argued for his cause, The maid more firmly set her jaws; The inference was clear to John, For he knew the suit that he had on Had neither weave nor cut And made him look like Jeff and Mutt. And in a moment's trice He sought the best clothier's advice. Jonnie scarcely seemed gone When he returned with the suit on. Then he sought the lady of his choice Who spoke with music in her voice. I knew that since giving you the gate At wearing clothes, you were my fate John clasped her tight and yelled Hurray! Me for the Victory Wilson way!

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### Add-Ran Literary Society Selects 3 For Coming Tilt

A special meeting of the Add-Ran Literary Society was called last Thursday evening for the purpose of having the preliminary declamation contest. Messrs. Robinson, Strong and Stevenson were chosen to represent the society in final inter-society new men's declamation contest, which is scheduled for Tuesday evening, Feb. 28.

The new men's contest is an annual affair and was created for the purpose of giving new students an incentive to take more interest in public speaking. The ability to speak in public is essential to every man and woman, regardless of the vocation they might choose in life. It is upon the shoulders of the new students that come into the institution that the duty of representing the school in intercollegiate contests in the future will fall. We are glad to see so much interest manifested by the new men in the literary societies in the matter of public speaking.

Just before the motion for adjournment was made, it was announced that on next Wednesday evening the Add-Rans would hold their second initiation ceremony of the year. Several new members have been taken into the society and in all probability will receive the most impressive lessons in "Add-Ranism" during their initiation into the society.

#### ELECTRIC CLOCKS IN BIG HOTEL

Installation has just been made by the General Electric Company of the Warren electric clock system in the annex to the Plaza Hotel in New York. This represents the first hotel in New York in which this system of regulating clocks has been utilized. It is the second installation of the sort in any hotel, the first having been made last year in the Ritz-Carlton Hotel at Atlantic City, where the clocks have been thus regulated with much success for the last seven months.

In the Plaza installation there are about 50 clocks, located in the main rooms, in the foyers, salons, drawing-rooms and dining-rooms. They are operated by small generators which convert the direct current of the hotel's lighting circuit into alternating current for the purpose of the clock system. The converters, the master clock and the control panel are all located in the telephone exchange of the hotel, on the first floor.

Tiny motors, so small that one of them easily nestles in the palm of the hand, are geared to the dial hands of each of the secondary clocks connected with the system. These small motors, which take the place of the usual intricate clock mechanism and which are of the synchronous type, will operate the hands of clocks of any size. Big clocks with dials five feet in diameter and little clocks with dials whose diameters are only three inches are regulated equally well by these smallest of motors, none of the dimensions of which exceed three inches.

Absolutely uniform time is shown by every clock of the system at a given moment. The system is also self-regulating, and therefore independent of voltage or frequency fluctuations incident to the power lines from which it draws its current.

The master clock exercises constant control over the power generating apparatus which drives the individual motors of the secondary clocks. This control by the master clock enables all the secondary clocks to keep accurate time. They are never more than three seconds slower or faster than the master clock.

The reliability of this system, as revealed in actual service, is believed to bring prominently to the front this novel idea of thus electrically operating clocks for hotels, office buildings, manufacturing plants and institutions where it is desired to have a large number of clocks and to insure that they will all keep accurate and uniform time.

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### DISCOVERY OF ELECTRIC WELDING.

By Alfred D. Flinn,  
Engineering Foundation.

In 1887, Professor Elihu Thomson delivered at the Franklin Institute, Philadelphia, five lectures on electricity. The object of the lectures and the demonstrations, which latter were numerous and many of them original even to the employment of special apparatus constructed by the lecturer, was to show clearly that electricity, of whatever name, was the same, differing only in tension (as it was termed) and in the current flowing, or quantity, in steadiness or wave-like character. In those days, the ext-books divided the subject into static and dynamic electricity, with subdivisions such as frictional electricity, voltaic electricity, magneto electricity, electro-magnetism, thermo electricity and animal electricity. The well-known Ruhmkorff coil, or spark coil, as it is now called (as when used for the ignition of automobiles), was employed to step up a battery current to a high-tension discharge which would change condensers, such as Leyden jars.

Having made such demonstrations, the lecturer conceived the idea of reversing the process, changing some Leyden jars by a power-driven static machine, and then arranging to pass the discharge of this large Leyden jar condenser through the fine wire, or secondary wiring of the ignition coil. The primary of such coil (which was, of course, of heavy gauge) had its terminals disengaged and put lightly into contact. It was found on the discharge of the condenser through the fine wire that these heavy primary wires stuck together permanently. They had been welded by the passage of a practically instantaneous discharge of a very heavy current. In modern language it may be said that the condenser current, which was one of extremely high voltage and small flow (perhaps only a fraction of an ampere), had been transformed down, producing in the primary a current of only a few volts, but of great strength in amperes, so that the instantaneous local heating of the ends of the primary coil, which were in contact, brought them to the point of fusion, and union took place.

Such an observation made by one who was paying little attention to possibilities might have escaped notice. Not so with the lecturer. He at once saw the possibilities of transforming a high-voltage current down to reduced voltage, and causing thereby the union of metals. He had, in fact, the conception, in a crude way it is true, of what finally became his process of electric welding. Prevented by man's demands on time from carrying this simple suggestion further, he constantly bore it in mind, and on the inception of the business which afterwards became the large Thomson-Houston enterprise, he discussed the possibility of proceeding with electric welding.

In 1895 the opportunity came to complete the conception of the earlier days. An alternating current generator being at disposition, it was only necessary to construct an induction coil or transformer, in which the primary was of many turns adapted to the output of the generator, which the secondary had only very few turns, but the section of which was so large that a great flow of current was possible. Connected to the heavy secondary terminals was a set of clamps for holding pieces of metal to be welded. The projecting portions of these metal bars were brought together with some pressure and the current turned on by closing the switch in the primary, there being arrangements for regulating the amount of primary current flowing. The very heavy, low-voltage current in the secondary immediately heated the metal pieces at their junction, so that they softened and united. Thus were the first electric welds made, and thus also the original suggestion fusing the scientific demonstrations at the Franklin Institute bore fruit, finally becoming the basis of the enormous extension in welding now existing. The modest apparatus was soon followed by welding transformers for large work; those were the first transformers in which the

### Joint Meeting of Twin Societies Is Attended by Many

The Shirleys and the Waltons had a joint meeting in the main auditorium, Thursday evening. Both societies were well represented, and a good program caused the meeting to be profitable and enjoyable.

Special music was furnished by the Waltons, and this music was the kind that evokes only favorable criticism. The Waltons demonstrated to the eager auditors that they have artists who are destined not only to entertain many American audiences, but perhaps vast multitudes across the seas. Miss Floy Schoonover gave a reading that arrested the profound attention of all. While she, in her impassive manner, was delivering her serious message, there was not a dry eye in the hall—everybody laughed until he cried.

The preliminary for the new men's contest was held. Homer Payne, Martin Patton, Walter Tomlinson, Jerome Moore and Joe Chestnut were the contestants. All of these men are an honor to their society, and their speeches indicated that they had made adequate preparation. Joe Chestnut, Jerome Moore and Homer Payne were selected to meet the Add-Rans in the new men's contest. The Shirleys and the Waltons repose in these men the utmost confidence, and they expect these orators to defend the society colors valiantly.

The judges in the preliminary were three old Shirleys—Dr. Gough, Willis McGregor and Jesse Martin. After the program in the auditorium, the two societies repaired to their hall, where they were regaled with pleasing refreshments, and where a real social hour was enjoyed. One feature of the social was the singing of "Heart Songs," all of which were very appropriate. In addition to the chorus singing, there were several duets. In fact, every Shirley had a Walton for a partner, and most of these duets were not sung, but were talked.

#### TO MY COLLEAGUES OF THE FROG QUINTET.

I hereby take this opportunity to thank and show my appreciation of the wonderful co-operation and fellowship that each member of this year's squad has shown. Not only do I extend these thanks to the squad, but to the entire student body of Texas Christian University, who have backed this team to the last ditch. Much of its success is due, in my estimation, to the encouragement given the members by the student body as a whole.

When we take into consideration that not any two members of this year's squad had ever played together before, I think we have played a successful season. When we consider this feature, and that next season there will be a nucleus with which to build the club, our future looks bright indeed.

Why this team has made as good a record as it has, though many obstacles have confronted its progress, is due to the fact that each member secondary constituted only a single turn, a characteristic of most of the welding transformers of today.

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### ALUMNITEMS

Edited by BETH COOMBS.

Ex-'10 Miss Katie Belle Crump, formerly of Lubbock, is now teaching in C. I. A., Denton.

Ex-'10 Miss Josephine Hevenhill is now teaching in the English Department in C. I. A., Denton.

'14 Dr. Luther Parker A. B., and Mrs. Parker, formerly Miss Una Stark A. B. '17, are now living at Wichita Falls with the address of 2600 Tenth Street.

Ex-'15 Miss Ernestine Robbins is with the Magnolia Company with the address, 1400 Stemmons Avenue, Dallas, Texas.

Ex-'18 Miss Mary George of Albany, Texas, is teaching music in Strawn. Miss George studied in New York after leaving here.

Ex-'20 Miss Mollie Biard of Paris, Texas, is visiting in T. C. U. this week.

'21 Dr. Joe N. Sisk, B. S., announces the opening of offices February 20, in Corsicana, Texas, with the address 116½ W. Fifth Ave.

has worked hard and consistently under the tutelage of the coach. Never in my career as a member of athletic teams have I ever seen harmony and union like that which has existed between the men of this team. This is the greatest asset to any well-oiled, smooth-running basket ball organization. I hope that that same atmosphere with which the members of the squad initiated the new gym may be installed into the future Horned Frog teams.

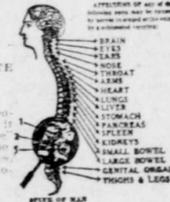
When the curtain of the 1922 basket ball season rings down, I will have finished my career as a basketballer. Therefore, I take this opportunity in wishing the greatest of success to those who will remain to carry the burden of T. C. U.'s future basket ball team.

DUTCH MEYER.

#### CHIROPRACTIC FOR EVERY ILLNESS

#### INVESTIGATE

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