For ease in casting your ballot on the proposed changes to the ASCIT Constitution, the following copy of the ballot today we have a 5-vote margin on the same wording. Because so many members of the group were deleted. It was felt that this vote is not included. The question was not reviewed by the editorial responsibility for this occurrence must fail with the editor. For this reason, I am tendering my resignation to the publishing body.

The following are the offices in the officers of the TAU Beta tau. Also stated in Annual Balloting Schedule for March 1-6, the Tau Beta.
Research simplifies print making with development of "Varigam" Paper

Chemists and physicists make important contributions

Photographic films that have been over-exposed or under-developed usually make a "haze" or "contrasty" negative—too much silver is deposited on the light-exposed portion (on the negative) or not enough is deposited on the dark-exposed portion (on the negative). The opposite effect, a "soft" or "thin" negative, results from under-exposure or under-development. At one time photographers had to make a few or five grades of enlarging paper to correct for these conditions and get the right degree of contrast.

To eliminate this expensive, untimely situation, scientists developed "Varigam," variable contrast photographic paper. It makes it possible to use a single procedure of getting different degrees of contrast is to expose. Instead of using several grades of paper, the photographer uses only one. He gets variation in contrast by use of filters that control the wave lengths of light reaching the paper, thereby getting four degrees of contrast in one paper as possible. Stan Barnes.

"Varigam," the work of many men.

The first job was one for the physical chemists. Silver halide emulsions, secreed by traditional methods, were made to give maximum contrast when exposed to light in the blue region. To increase the contrast of the emulsion over as far as the infrared. But they were not perfect for the job in hand, being affected by the red safety light used in the darkroom. The best chemists showed that certain dyes such as "l-carboxyethylquinacridone" could be used to make the silver deposits more sensitive to the red light. And, most important, the process is practical in low-contrast-normal concentrations. When such a dye was combined with high-contrast silver halide emulsion, the result was a sensitive paper to very high-contrast print when exposed to blue light, and low-contrast prints when exposed to green light.

Physicists Develop Filters

Physicists made contract control a reality by preparing short-wavelength light filters that allow the user to control his printing light selectively. These filters, which are attached to the lens of the em-

opponent, the Frenchman, and all the red-blooded, blue-eyed sons of France. Before the term, the Frenchman, with the aid of his two top left-hand men, and the much-feared "hors de combat" on his right flank, would be ready to attack. The Frenchman would then be able to deal sufficient: time to be a good President.

With all these qualifications, it is obvious that Barnes is the man for our next ASCIT President.

Bill Muschleger.

We are all unanimously looking ahead. I would like very much to be in a position where I can help make sure that making this next term as successful as possible. I sincerely think that I can do an excellent job as President of the ASCIT because of my interest in the work, previous experience in similar positions, and my willingness to find what is needed, and use it to the best of my ability as possible.

Stan Barnes.

"Tennis" list and do it as soon and as well as possible

of the student body.

For Secretary.

For Secretary of the ASCIT Student Government the office of Vice-President is one of great importance. I feel that I am qualified for the job because of all the activities in which I have participated. Being a managing editor of both the Colorado and the big "P," has brought me into contact with almost every phase of student body government. And, if elected, I will do my utmost to fulfill the duties of the office.

Billy Davis.

The office of Secretary is one of great importance. I feel that my candidate is the man for the job. In the minds of all the people, his name is to uphold the American People the greatest good for the greatest number. He is my will to find out experience in similar positions and, therefore, be a representative of all the students and not a small minority. His experience on the board of control, serving for the paper, on the school debate squad, working with the Y, and his active role in sports, holding a varsity letter in three different sports, makes him the logical choice for your student body secretary.

Bob Daniels.

The position of ASCIT Vice-President is one of great importance when it comes to the interest and future of the students and the school. It is a position that will give me the opportunity to do more for the school and the students, and to show the students that I am willing to work for them.

Bill Kenos.

(Continued on Page 4)

The Honor System is a great and wonderful tradition and, like any system, has its ups and downs in the minds of all students.

I would like to stress that the Honor System is not a "T"au Beta, but he does for your next office he has done a very good job. He will be able to spend sufficient time to be a good President.

With all these qualifications, it is obvious that Barnes is the man for our next ASCIT President.

Bill Muschleger.

Stan Barnes.

"Tennis" list and do it as soon and as well as possible.
BEAVER SPORTS

Throop, Blacker Top Bowling Week

Inhouse bowling this week resulted in seven wins for both Throop and Blacker, while other houses reported only two apiece.

As a result, Blacker rose from the cellar to fourth spot, while Throop extended its lead to 21 games over second place. Blacker took all team honors this week. Through No. 3, Milby took a 3-2 lead with 279; Through No. 4, Bob Blacker received five points for his efforts in the second spot, and Blacker retained the top spot in the league competition, with the cellar to fourth spot while the first game.

Norman Stover of Dabney and Ricketts collected ten points in their inter-house sports round of the meet, standing performances.

Pettifor, another Throop ten, was the best in his position, and the Ricketts squad with Kurland, Curtis and Winchell. Second in the third spot, and Blacker received five points for finishing the season through.

Throop bowling. The contest was won by Norman Stover of Dabney and Ricketts.

FLEMMING FIRST IN LIGHT MEET

In the street Interscholastic Track Meet in several events, the Fleming Powerhouse took first place by a narrow margin over a strong Beaver squad in a meet full of fine performances.

Jack Marshall of Blair was the biggest winner in the meet, with the Beaver and Whitman teams taking the top two spots in three events.

R. H. Franke of Blair, a fellow of Fleming, claimed the broad jump.

Individual Sports:

Bob Cobb gained another winner for the Throop track club, a narrow three-foot margin over the Beaver "A" team in the 100.-m. dash, while Dick Marsh of Fleming claimed the long jump and finished third in both sprints. One of the best in the 220 yard dash.

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THE CALIFORNIA TECH

Thursday, February 26, 1948

FUR TREATERS

For Treasurer, we need a man who can handle accounts, Hugh Carter has had this experience in his two years of editing the Lit-

te H. In 1946, he

succeeded the first post war edition—a monumental job, consider-

ing all the organizing and sending of ads required.

We have a man well versed in the Little T with Bruce Waterman. In addition he has served on the Board of Directors as Publicity Manager, in 1936-37 handling publicity for the school on all athletic events. He has also served on the Big T and was feature editor.

With this varied experience, Katey Musburger, nominator.

I would like to hold the office of treasurer because first of all I feel the qualifications, I think I have what it takes for such a position.

Any student body officer requires executive ability to a high degree.

I believe that my being class treasurer in my Soph and Junior years gives me the neces-

sary qualifications. If you don't feel I am fit to elect me, I shall do my best, but win or lose, I shall enjoy running.

Bob Walquist.

FOR VICE REP.-

The First Representative at large has been in office for the past three years, a period requiring a tremendous amount of work. In order to get Caltech, he must plan and carry out all or part of the student government's year. I believe that I qualify and

have the qualification to handle such a position.

I am a member of the So and have been active in the social life of Caltech for two years. I feel that I should now try to decide what I want to do as a career, and one of the things I have decided is to be a part of the student government. I plan to work towards the betterment of this school.

Bob Libby.

FOR ATHLETIC MANAGER-

The Athletic Manager is an important representative of the Athletic Council and will be responsible for keeping in touch with all collegiate athletic teams.

Dick Libby.

FOR PUBLICITY MANAGER-

The Publicity Manager of the ACY can do a great deal in creating outside interest in the activities and events of the Tech student body. He is the constant aim of this representative to ab-

tain more recognition for our sports and athletic programs... With these aims in mind, if elected, I will work to the best of my abil-

ity to do justice to our school and its activities.

J. K. Kerber.

Statement from Bill "Perry" Godich—Conduct and Publicity Manager.

The duties of Publicity Manager are manifold principally for the pro-

motion of publicity for the school's athletic teams. Having worked on the sports staff of the City News Bureau of Chicago and the Sun, I believe I am familiar with the type of material which newspapers carry from colleges con-

cerning athletic events. I have had the publicity for the Caltech basketball team since January, including the writing of the games in the California Tech, and I feel I am qualified to extend my next year's efforts not only to the other divisions of athletic activity but also in the promo-

tion of publicity for the additional student activities which a representative to such an office can provide.

Bill Godich.

WELL, the Slets have finally had their say and it was quite an occasion. Nagy Lamoure and his group provided some fine light entertainment music when they could be reached out of the heat. Once they were playing, the hot air seemed to melt away and get back to the desire music.

Best-Looking Girl

Jim Hinchman headed the contest amidst the usual excitement. He seemed to be a sure odd character and fitted in very well, going over quite well with the assembled throng who had never heard real bars coming from a human being. It was interesting to watch the loneliness apparent in his face when that stif-

ling ethereal pattern was played.

Knee-Pansie Win

Mike Hall won the contest with the wrist of his trousers at the front providing a rather neat set. He was well worth the effort and dignity to win the prize.

Drifford

The female winner was Bob Houston's wife, Miss. Britton. She came as something washed up on the beach and was quite fetch-

ing, although having her mouth hung open and her eyes bagged out seemed a bit odd.

Quint-Socket Dress

Church Fierstook looked pretty during his dancing skill.

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