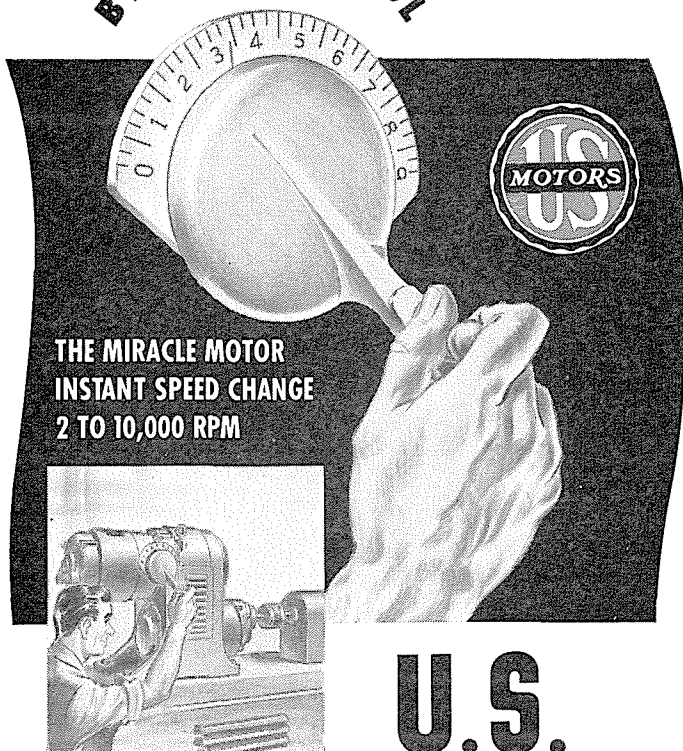


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ALUMNI NEWS

San Francisco Chapter

PRESIDENT DuBRIDGE will address members of the San Francisco Chapter of the Alumni Association at a dinner meeting to be held on February 12 at the Leopard Cafe in San Francisco. Wives and guests are welcome, and reservations may be made through any of the San Francisco Chapter officers, whose names, addresses and phone numbers are listed on page 47 of this issue.

John Clark Lewis

JOHN CLARK LEWIS '20, brother of Howard B. Lewis '23 and uncle of Howard B. Lewis, Jr. '48, died January 10 from injuries suffered in an automobile accident. John was born in Riverside, California in 1895. He graduated from the Riverside High School in 1913 and entered Pomona College the same year. Interruptions for work and Army service in World War I delayed completion of his college work till the spring of 1920.

He worked as Assistant City Engineer in South Pasadena till 1924, then went to Riverside to the County Surveyor's office, and later to the County Assessor's office, where he served until 1942. In 1942 he joined the Lewis-Larson Company in Los Angeles and since January 1948 had served as Manager of the Co-Jay Corporation, an affiliate of Lewis-Larson. In the last few months he had completed a new plant for the Co-Jay Corporation in Costa Mesa, California, and had moved there with his family.

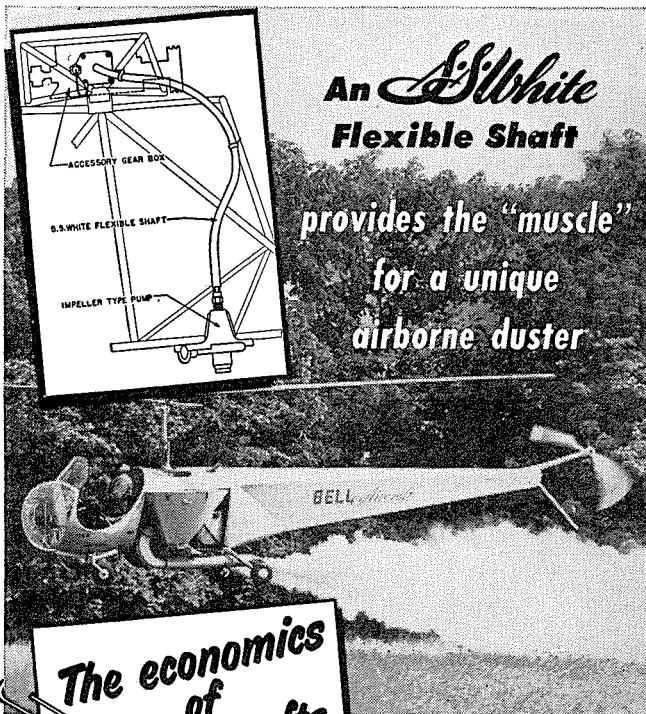
John married Isabel McEuen in Riverside in 1927. She and her daughter, Mrs. Guy T. Edcomb, are establishing in his memory a fund at Caltech to assist worthy undergraduate students, and have suggested that those wishing to join them in this tribute to him do so.

Alumni Fund Report

THE CALTECH ALUMNI FUND was conceived on March 28, 1946, and is now in its seventh year. On December 15, 1952, the Fund totaled \$138,301.02. This year should produce the first tangible evidence of the outstanding success which the Fund is proving to be. The hopes of being able to start construction of a swimming pool and locker room last year, as the first phase of the gymnasium program, were doomed to disappointment because of the steel strike and resultant inability to obtain the necessary steel. However, steel will be made available during the first quarter of 1953, and there is every expectation that actual construction can start by April first of this year.

Plans and specifications are being prepared by the Institute staff for a regulation-size heated outdoor swim-

CONTINUED ON PAGE 36



An *S.S. White*
Flexible Shaft
provides the "muscle"
for a unique
airborne duster

The economics
of
Flexible Shafts

Courtesy Bell Aircraft Co., Buffalo, N. Y.

When the manufacturer of this crop-dusting helicopter wanted to transmit power from the accessory gear box to the insecticide pump, mounted some distance away, he chose an S.S. White flexible shaft to do the job. As the diagram shows, the shaft provides a simple one-piece coupling that can be readily run around intervening struts and frames.

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Many of the problems you'll face in industry will involve the application of power drives and remote control with the emphasis on low cost. That's why it will pay you to become familiar with S.S. White flexible shafts, because these "Metal Muscles"® represent the low-cost way to transmit power and remote control.

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FLEXIBLE SHAFT BOOKLET . . .**

Bulletin 5008 contains basic flexible shaft data and facts and shows how to select and apply flexible shafts. Write for a copy.



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ming pool, with adjoining dressing rooms, lockers and showers. In selecting the site and layout for the pool, consideration is also being given to integration of this unit with the projected gymnasium and other athletic facilities. The best available estimate on cost of the swimming pool and locker room is \$150,000, with every expectation that the Fund will exceed that figure this year.

In keeping with the original concept of the Alumni Fund, it will be continued in future years, with the proceeds being made available to the Institute for those projects which the Alumni Association and Institute agree to be worth while. The solicitation for the Fund is conducted each year by direct mail to all those men who have received undergraduate or graduate degrees from Caltech. The expense of conducting this campaign is handled as an item in the budget of the Alumni Association, so that all of the contributions made to the Fund are available for the intended purpose. Contributions to the Alumni Fund are deductible from income for tax purposes, within the usual limitations on such contributions.

The Alumni Fund is rapidly becoming one of the major activities of the Alumni Association. The Fund's activities are guided by the Board of Directors of the Alumni Association, with two directors being specifically assigned to this function. They have been:

- 1947-48 H. B. Lewis and J. W. Lewis
- 1948-49 J. W. Lewis and R. F. Mettler
- 1949-50 R. F. Mettler and R. J. Hare
- 1950-51 D. C. Tillman and E. J. Macartney
- 1951-52 D. C. Tillman and K. E. Kingman
- 1952-53 K. E. Kingman and A. A. Ray

Assistance in the Fund's activities is also given by the Vice Chairmen, who currently are as follows:

- 1898-'23 G. A. Alles
- 1924-'32 Phillip Cravitz
- 1933-'40 Holley B. Dickinson
- 1941-'46 Frederick H. Felberg
- 1947-'51 Wm. A. Freed

The Secretaries of the graduating classes, as well as the Presidents of the various Alumni Chapters, also assist in the solicitation efforts.

—K. E. Kingman '29

Seminar Coming Up

THE SIXTEENTH ANNUAL ALUMNI SEMINAR is beginning to take form under the general supervision of Kenneth F. Russell '29, member of the Board of Directors. Ken is general manager of the Vortex Manufacturing Company. The detailed planning for the event, to be held on April 11, is in the hands of an able committee led by C. Vernon Newton '34. Newton is production manager for the California Walnut Growers Association and

CONTINUED ON PAGE 40

ALUMNI NEWS . . . CONTINUED

has had previous experience in preparing for an Alumni Seminar.

Arrangement of the program is being handled by Hugh C. Carter '49, Wesley M. Dynes '47, Willis R. Donahue, Jr. '34, and Emmett M. Irwin '24. Hugh Carter, who is with the Bechtel Corporation, is chairman of the Program Committee and promises an excellent session this year. Wesley Dynes, while spending his days as sales engineer for Ingersoll-Rand Company, is working over the faculty to unearth hidden material for the program. Willis Donahue, employed by General Petroleum Corporation as assistant manager of the Gas Department, is new material for the Program Committee. Emmett Irwin, the owner of Induflux Testing Service, represents the view of the older classes on the Committee.

One of the most important items of the Seminar is food, consisting of midmorning coffee, lunch in the Student Houses, and dinner at the Elks Club in Pasadena. John E. Fleming '46, production planner with Clary Multiplier Corporation, and Ray E. Kidd '34, sales engineer with General Electric Company in Los Angeles, are shouldered with the responsibility of seeing that alumni and their guests are properly fed.

The job of getting the announcements about the Seminar to the alumni, and getting all the material printed, is the responsibility of George F. Weismann '29. George is manager of industrial sales with General Petroleum Corporation. The registration of those who attend this Seminar is in the hands of John R. Fee '51. John is an engineer with James M. Montgomery Consulting Engineers. He was treasurer of ASCIT while a student, and it is appropriate for a man with his name to be in charge of registration.

In planning and operating a seminar, the cooperation of Institute administration and faculty is necessary. Someone must be on location well in advance to arrange for rooms, signs, public address facilities, custodians, etc. The man for this job is Ernest B. Hugg '29, assistant superintendent of Buildings and Grounds for the Institute.

A lot of work goes into the planning, organizing, and operating the Seminar, and these men are doing a real job to provide the alumni with an outstanding program. Remember, save Saturday, April 11; get your baby sitter arranged for; give your wife a treat for a day by bringing her along; and, of course, bring some friends. Watch for the notice that will be mailed to all alumni in southern California. Alumni in other areas who expect to be in southern California on the 11th of April should write in for reservations.

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An advertisement for a micrometer. It features a black and white photograph of the 'New INTRIMIK INTERNAL TRI-POINT MICROMETER'. The device is a cylindrical tool with a handle and a measuring head. A white box with the text 'New INTRIMIK' is overlaid on the image. Below the image, there is a text box with a description of the product. At the bottom, the 'BROWN & SHARPE' logo is displayed with the 'BS' initials in a square.

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A new contribution to accuracy and production from Brown & Sharpe; for measuring bores or holes directly — without masters, reads like a conventional micrometer. Eliminates many expensive plugs and setting rings. Sixteen sizes to measure from .275" to 4.000". Extensions are available to facilitate measuring deep holes. Write for illustrated Bulletin. Brown & Sharpe Mfg. Co., Providence 1, R. I., U.S.A.

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