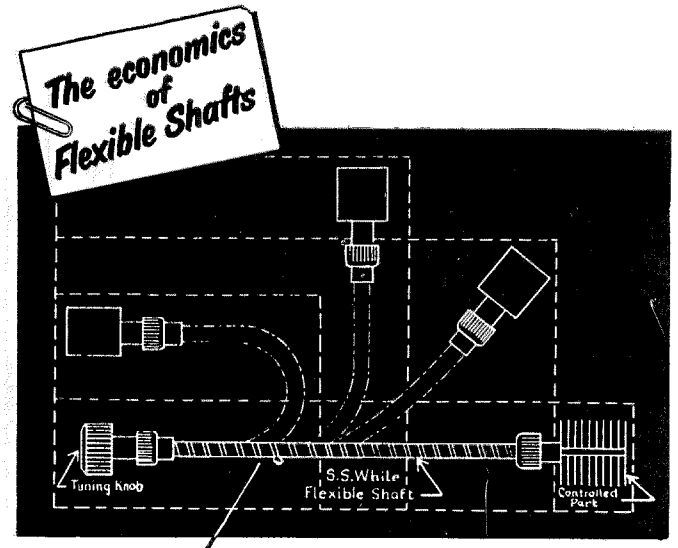


S.S.White Flexible Shafts ***make it easy to meet space and dimensional requirements***

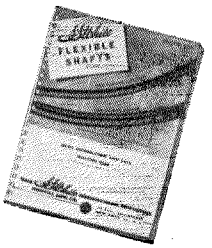
The flexible construction of an S.S.White remote control flexible shaft allows controlled parts to be mounted where desired to satisfy limited space conditions and to meet specific equipment dimensions. These versatile "Metal Muscles"® can be snaked around turns and curves to provide a one-piece, sensitive control coupling between any two points. As a result, the designer has more leeway in developing a design that meets existing operating, assembly, and servicing requirements and can be produced at lower cost.

• • •

Many of the problems you'll face in industry will deal with the application of power drive and remote control with cost being an essential factor. That's why it will pay you to become familiar with S.S.White Flexible Shafts, because these "Metal Muscles"® offer important savings in transmitting power or control.

SEND FOR THIS FREE FLEXIBLE SHAFT BOOKLET

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



THE S.S.White INDUSTRIAL DIVISION
DENTAL MFG. CO. Dept. C, 10 East 40th St. NEW YORK 16, N. Y.

ALUMNI NEWS

Alumni Fund and Scholarships

THE ALUMNI FUND campaign begins next month. Our new goal is to raise $75,000 to provide an endowment for undergraduate scholarships. As announced in the December issue of *E&S*, attainment of this goal will make it possible for each class to have one Alumni Scholar.

If the alumni contribute generously enough now it will be possible to provide for an Alumni Scholar in the freshman class enrolling next fall. Thus alumni can both donate to a project and see it as a going concern in the same year.

There is no question that the Institute needs extension of its scholarship program, and here is one place we can all provide tangible help. We feel there is no more fitting expression of this need than the accompanying letter from President DuBridge.

—Robert R. Bennett & Allen Ray
Directors in Charge of the Alumni Fund

December 4, 1953

To the Caltech Alumni:

It is with the greatest pleasure that the faculty and administration of the California Institute received the news that the Alumni Association intended to make the next goal of the Alumni Fund an endowment for scholarships. It would be hard to think of a more worthy or a more important project which the Alumni could undertake.

Caltech is a quality school. We are not interested in increasing our enrollment and we have far more applicants than we can possibly accept. It is, however, terribly important to us that the best of these applicants for admission actually come to the Institute. When one of these top applicants fails to come to Caltech for financial reasons he leaves a hole which is not adequately filled by admitting someone of lower qualification. A student already admitted to Caltech who is forced to withdraw for financial reasons leaves a similar hole.

The resources of Caltech are aimed at the top student and they are adequate to give the best possible educational program to such students. These resources are partly wasted when the top students who best can use them do not come or remain at Caltech for financial reasons.

Of course every student attending Caltech is the recipient of a handsome scholarship. The cost of education here is far greater than the $600 a year which the student contributes. Many people over many years have contributed the funds which make it possible for Caltech to operate a program whose quality is so high for its cost. The Alumni, by contributing scholarship funds, are eliminating the last barrier for our attainment of a student body selected solely for personal and intellectual qualities and not on the basis of the family financial resources.

Many an alumnus has himself received a scholarship grant while a student. Every alumnus paid less than the cost of his education. This new project of the Alumni Fund gives to each alumnus a chance to help able students of the future in the way he was helped in the past.

I congratulate the Alumni on their far-sighted generosity. I am confident that their fund will be as successful in meeting this new goal as it was in meeting the last one.

Sincerely yours,

L. A. DuBridge