

PERSONALS

1925

ROBERT W. FULWIDER and Harold W. Mattingly announce the consolidation of their practices in patent, trademark and copyright law under the firm name of FULWIDER & Mattingly. WARREN L. PATTON '34, an Associate of R. W. Fulwider, will continue with the firm at its Wilshire Boulevard office in Los Angeles.

THOMAS P. SIMPSON is Director of the new Research and Development Laboratories of the Socony-Vacuum Oil Company at Paulsboro, New Jersey. When the Laboratories' new Chemistry and Physics Building held open house on April 30, over 8500 persons visited it.

1926

MANLEY W. EDWARDS was Deputy Emergency Power Director of the Power Conservation Division of the California Public Commission during the recent power shortage in Northern California in February, March and April 1948.

1928

FRANK NOEL is a resident engineer on highway construction between Fall River Mill and Glenburn, California.

1930

COMMANDER BURT RICHARDSON is back in uniform for a month undergoing training in guided missiles at the Naval Air Missile Test Center, Point Magu and at the Naval Electronics Laboratory, San Diego.

1931

COMMANDER PERRY M. BOOTHE has been transferred from the Public Works Department, Puget Sound Naval Shipyard to the Facilities Division, Munitions Board, Pentagon, Washington 25, D. C. He will be dealing with the problem of industrial security.

1934

GEORGE F. WISLICENUS, Ph.D., is the author of "Fluid Mechanics of Turbomachinery," a book published recently by McGraw-Hill Book Company. Mr. Wislicenus is a Compressor Research Engineer.

1937

HUGH F. WARNER is a Manufacturing Engineer with Westinghouse at Sunnysvale, California. He and Mrs. Warner report the birth of a daughter, last February 18. Their son is now three years old.

ROBERT W. WEBB, Ph.D., has transferred from the Los Angeles campus of the University of California to the Santa Barbara campus, where he is Associate Professor of Geology and University Coordinator of Veterans Affairs. His home address is 2830 Verde Vista Drive, Santa Barbara.

1939

LT. COMDR. TYLER R. MATTHEW, who recently returned from the South Pacific, is now assigned as Executive Assistant Navy Supply and Fiscal Officer MCAS, Cherry Point, North Carolina. On their way back to this country from Guam, Lt. Comdr. and Mrs. Matthew visited points in Japan, China and the Philippine Islands. And on the West Coast they had a visit with Mr. Matthew's Mother in Hollywood and with Mrs. Matthew's parents, Mr. and Mrs. J. Ernest Knight of Tacoma, Washington.

Light FOR A
MILLION DOLLAR MARKET
New Smoot-Holman "Educator"
Improves Indirect Lighting
In Schools



Manufactured
under patent
No. 2303747

Smoot-Holman's new RE 500 Educator is designed to provide "safer" light — better vision — for students in every type of classroom. The Educator's concentric rings distribute maximum effective lighting on reading and writing surfaces. The assembly of matte finished rings presents an extremely low surface brightness and eliminates the accumulation of dirt, paper wads or insects . . .

SIMPLE AS **A B C** TO INSTALL



MANUFACTURERS OF
FINE LIGHTING EQUIPMENT

OFFICES IN PRINCIPAL WESTERN CITIES • BRANCH AND WAREHOUSE IN SAN FRANCISCO

FINANCIAL STATEMENT OF THE ALUMNI ASSOCIATION

California Institute of Technology July 1, 1947 — June 30, 1948
BALANCE SHEET -- June 30, 1948

ASSETS		LIABILITIES	
Cash in bank	\$ 5,151.81	Accounts payable	\$ 2,848.16
Accounts receivable	1,782.83	Due to Alumni Fund	50.00
Investments:		Commissions payable:	
C.I.T. Trust	\$21,506.38	R. C. Colling and	
U. S. Treasury Bonds	222.00	Associates	\$ 29.10
	21,728.38	Other	131.14
Furniture and fixtures	221.04		160.24
Postage deposits	112.73	Deferred income to E. & S.	18.50
TOTAL ASSETS	\$28,996.79	Life membership reserve:	
		Fully pd. life mem.	21,450.00
		Installation payment	
		life members	1,770.69
			23,220.69
		1948-49 dues	
		paid in advance	3,698.00
		TOTAL LIABILITIES	\$29,995.59
		EQUITY	
Eq. Def. July 1, 1947	(73.78)		
Excess of exp. over income, year ended June 30, 1948	(925.02)		
Equity Deficit, June 30, 1948	(998.80)		
TOTAL LIABILITIES AND EQUITY	\$28,996.79		

ALUMNI ASSOCIATION Statement of Income Year Ended June 30, 1948

INCOME			
Dues	\$6,418.25		
Interest on trust fund	817.06		
Gain on trust fund capital transactions	56.38	\$7,291.69	
Less reserve for subscriptions to E & S		4,000	\$3,291.69
Life memberships realized			100.00
Social committee—			
Income from functions	1,098.60		
Less expenses	1,039.51		59.09
Program committee—			
Income from functions	829.50		
Less expenses	755.12		74.38
Athletic committee—			
Income from functions	108.80		
Less expenses	103.29		5.51
Seminar income less expenses	1,772.50 1,564.63		207.87
Directory sales	4.00		
Miscellaneous	56.33		
TOTAL INCOME		\$3,798.87	

ENGINEERING & SCIENCE MONTHLY Year Ended June 30, 1948

INCOME			
Subscriptions:			
Alumni	\$4,000.00		
Student	32.00		
Other	1,559.60		\$ 5,591.60
Advertising	4,396.00		
Miscellaneous	1,434.10		
TOTAL INCOME		\$11,421.70	

STATEMENT OF AUDIT

On August 26, 1948, I examined the balance sheets of the Alumni Association as of June 30, 1948, and the related statements of income and expense. The bank balance was reconciled and spot checks were made on disbursements. Spot checks were also made on ledger and journal entries. In my opinion, the balance sheets and income and expense statements fairly represent operations for the year ending June 30, 1948, and the position of the Association at that time. The Association is fortunate in having a Treasurer of the ability of Mr. Freeman who will and can devote the time necessary to supervise its books.

(signed) Allen L. Laws
Auditor

EXPENSES			
Administration:			
Dues and subs.	\$ 20.00		
Directors	147.67		
Miscellaneous	17.29		
Postage	446.67		
Printing	71.90		
Services	1,442.01		
Supplies	307.08	\$2,452.62	
Chapters			
Membership:			118.65
Postage	36.60		
Printing	78.71		
Allocation of E & S costs	391.47		506.78
Placement			250.00
Undergraduate assistance			107.01
Fund Committee:			
Dues and subs.	5.00		
Miscellaneous	1.40		
Postage	114.39		
Printing	276.18		
Services	6.55		
Supplies	14.90	418.42	
Directory:			
Postage	42.40		
Printing	809.55		
Services	87.40		
Supplies	3.14	942.49	
TOTAL EXPENSES		\$4,795.97	
Excess of Income Over expense Before E & S			(997.10)
Net Income From E & S			72.08
Excess Of Income Over Expenses			(925.02)

EXPENSES			
Advertising commissions:			
Colling	\$239.70		
Agency	530.45	770.15	
Cash discounts	53.88		
Dues and subs.	5.00		
Committee expense	33.18		
Loss from bad accounts	65.00		
Mileage	93.64		
Miscellaneous	26.35		
Paper	1,944.08		
Photo and engraving	749.91		
Postage and mailing	113.57		
Printing	4,991.25		
Services	2,854.10		
Supplies	40.98		
TOTAL EXPENSES		\$11,741.09	
Excess Of Income Over Expenses			(319.39)
Costs Transferred to Membership Committee:			
Portion of cost of November issue	351.47		
Portion of cost of May issue	40.00	391.47	
NET INCOME		\$ 72.08	

1940

JOHN S. BILLHEIMER has joined the solid propellants division of Aerojet Engineering Corporation at Azusa, California as a development engineer.

Before returning to Caltech in 1946, John was in the incendiary program at the Twin Cities Ordnance Plant, the plutonium pilot plant at Chicago, and was Chief of Process Control for the thermal diffusion works at Oak Ridge.

GERALD PENTLAND FOSTER and Mrs. Foster adopted a son, David Scott Foster, on July 21, 1948.

1942

R. C. VAN ORDEN left the Building Department of the City of Los Angeles late last fall where he was employed as an Associate Structural Engineer, to become Chief Engineer for Bennett & Bennett of Pasadena. Mr. Van Orden plans to keep on with his consulting in the Balboa Harbor area.

1943

ROBERT A. MOORE was married in New York last fall to Miss Betty Stewart of Schenectady. Mr. Moore is with the General Electric Company there.

1946

MAJOR JOHN W. BARNES has been assigned as Operations and Supply Officer for the U. S. Army Engineer Test Department at Fort Churchill, Manitoba, Canada. He will spend twelve to eighteen months supervising arctic tests of military equipment.

1947

ALBERT H. J. MUELLER who has been in Schenectady, New York, and Pittsfield, Massachusetts for some time has recently returned to his home in Van Nuys, California and hopes to be back at Caltech doing graduate work this fall.

LT. EUGENE S. ROSE is stationed at the Wind Tunnel Branch, Aircraft Laboratory, Engineering Division, Air Material Command in Dayton, Ohio.

COLONEL JACK A. GIBBS, M.S., '47, and MAJOR HARRY L. GEPHART, M.S., '46 are stationed there also.

JEPHTHA A. WADE, JR. of San Jose, California, was married late last fall to Miss Mary Lee Seaver. Mr. Wade is an Assistant Engineer with the California Water Service Company.

Index to Advertisers

Allen Machine & Tool Co.....	14
Allis-Chalmers Mfg. Co.....	2nd Cover
Army and Navy Academy.....	14
Atkinson Laboratory.....	14
Berkeley Engineering & Equipment Co.....	13
Braun Corp.....	2
Cheney, Lyle H.....	13
General Electric Co.....	Back Cover
Grondahl, Harold O.....	14
Iron-Wood Co.....	14
McDonald Co., B. F.....	3rd Cover
Mock Printing.....	14
Oil Properties Consultants, Inc. & Petroleum Engng. Associates, Inc.....	13
Smith-Emery Co.....	14
Smoot-Holman Co.....	15
Southern California Edison Co.....	2
Southern California & Southern Counties Gas Co.....	2
Southern Pacific Co.....	3rd Cover
Special Tools and Machinery Co.....	13
Truesdail Laboratories, Inc.....	13
U. S. Electrical Motors, Inc.....	Insert
United Geophysical Co.....	14