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tute of Technology.

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Now available for Tech stu-
dents. Twin beds, electric lights,
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which is off Beacon St., a few
minutes out from Massachusetts
Avenue. Phone Back Bay 6392 J

DR. WALKER MADE HEAD
OF "TECHNOLOGY PLAN"
(Continued from page 2)

- Sears, Inc., Thos. E.
- Simplex Wire & Cable Co.
- Smith & Dove Mfg. Co.
- Southern Cotton Oil Co.
- Stafford Mills
- Standard Woven Fabric Co.
- Stevens & Sons Co., M. T.
- Stone & Webster
- Stone & Webster subsidiaries
- Sullivan Machine Co.
- Textile World Journal
- Thilmany Pulp & Paper Co.
- Tide Water Oil Co.
- Todd Shipyards Corp.
- Tropical Fruit Juice Co.
- Trout, H. G.
- Tube Winding Co.
- Tufts, Meter Works, Nathaniel
- Underwriters Bureau of N. E., The
- Union Paste Co.
- United Drug Co.
- United Shoe Machinery Co.
- U. S. Color & Chemical Co. Inc.
- U. S. Rubber Co.
- U. S. Smelting Refining & Mining Co.
- Utah Copper Co.
- Wanskuck Co.
- Washington Iron Works.
- Western Union Telegraph & Cable Co.
- Westinghouse Electric & Mfg. Co.
- West Virginia Pulp & Paper Co.
- Whitman Co. Inc., Wm. and companies
- Williamette Steel & Iron Co.
- Winship, Boit & Co.
- Worthington Pump & Machinery Corp.
- Youngstown Sheet & Tube Co.

Louisville District
The Louisville district was headed
by L. S. Streng, '98, who was assisted
by James Clark Jr., '90 and W. H. Mc-
Alpine '96.
The committee held various meet-
ings during the campaign, sent out
letters to all alumni in Kentucky and
made personal solicitation, also se-
cured notices in all of the daily papers
in the city.

BRADLEY DEWEY

Bradley Dewey, a graduate of the
Institute in Chemical Engineering
with the Class of 1909, is the son of
Dr. Davis R. Dewey, head of the un-
dergraduate course in Business Ad-
ministration. He was for a while
connected with the American Sheet
and Tin Plate Company at Pittsburg
and afterwards became an officer of
the American Can Company.

One of the first steps taken by the
War Department upon assuming
charge of the production of gas masks
for the American Expeditionary
Forces, was to commission Mr. Dewey
as a Colonel and place him in com-
mand of the Gas Defense Service, as
it was then called, but which, upon
the organization of the Chemical War-
fare Service, became the Gas Defense
Division.

Maj. Powell Lauds Dewey
Concerning Colonel Dewey's war
work, Major E. Alexander Powell in
his recent book "The Army Behind
the Army," writes:

"Thanks to the energy, resourceful-
ness, and business ability of Colonel

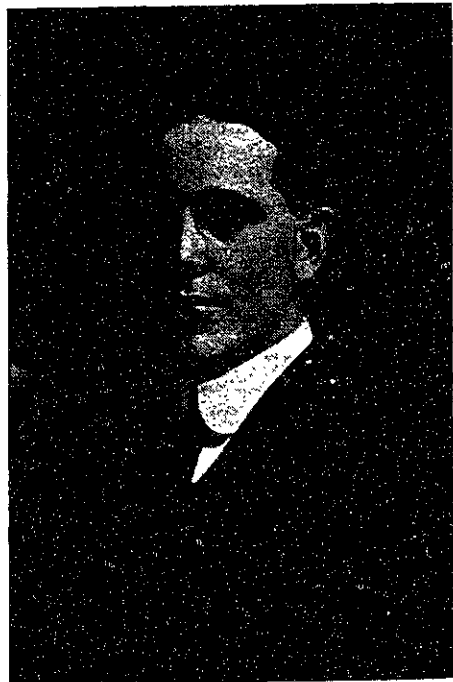


Photo by Paul Thompson
BRADLEY DEWEY '09
Member of Alumni Committee

Dewey, backed by the efficiency and
enthusiasm of the great organization
which he created, the American
Forces in France were protected
against gas by masks which, as
proved by actual field tests, gave
twenty times the protection afforded
by those worn by the Germans."

One of the early problems of the
mask makers was that of finding a
charcoal of sufficient density to ab-
sorb the toxic fumes, the wood char-
coal which was used in most of the
French and British masks being very
far from satisfactory. After consid-
erable experimentation, it was dis-
covered that a charcoal having sufficient
absorptivity could be produced from
the shell of the cocoanut, whereupon
officers were dispatched to the
Hawaiian Islands and the British
West Indies to arrange for large ship-
ments of cocoanut shells to the
United States. The supply thus ob-
tained proved entirely inadequate,
however, whereupon Colonel Dewey's
division issued its well-known appeal
to the American public to save the
shells of Brazil nuts, hickory nuts
and walnuts, the pits of peaches,
prunes, apricots and cherries, and the
seeds of dates, the collection of the
pits and shells being undertaken by
the Red Cross, the Boy Scouts, and
kindred organizations. As it required
seven pounds of pits and shells to
make the charcoal for a single mask,
3,500 tons were used in the million
masks which were sent overseas.

This is indicative of the work of
the vast problems which were met
and solved by Colonel Dewey's divi-
sion.

At the present time, Colonel Dewey
is a member of the firm of the Dewey
& Olmy Chemical Company of Cam-
bridge.

REGIONAL REPORTS

(Continued from Page 1.)

pany, the Youngstown Sheet and
Tube Company, and the Fort Pitt
Steel Casting Company.

Personal Solicitation Succeeds

The sub-committee on canvassing
the Alumni divided them up into
groups for personal solicitation by one
man. In this way every Alumnus has
been seen personally or called on
the telephone by some member of
the committee. The result has been
that a subscription or a definite re-
fusal to subscribe has been obtained
from every man known to be there.
The men away from Pittsburgh have
been seen in some cases, and in
others reached by letter. Messrs.
Yoder, Rapelye, Scharff and Foote
went to Youngstown, Ohio, and at-
tended an enthusiastic meeting of six-
teen of the twenty Alumni there. They
outlined the campaign and started the
drive in that city. C. S. Robinson '84,
and L. H. Underwood '03, have been

in active charge in Youngstown and
have pushed it with success there.

The majority of the subscriptions
were obtained prior to December 9,
and since then the committee has
been active in getting after the de-
linquents. It is gratifying to know
that in the classes from 1915 to 1919
the response has been over ninety
per cent., although the amount per
capita has not been large, thus indi-
cating the willingness of the younger
men to show "Mr. Smith" that they
are ready to support their Alma
Mater.

The following is the list of the mem-
bers of the Pittsburgh Regional Com-
mittee: Morris Knowles '91, Chair-
man; C. S. Robinson '84, Wm. C. Cush-
ing '87, Professor Wm. E. Mott '89,
Professor Fred Crabtree '89, A. B.
Bellows '89, F. A. McDonald '90, A.
G. Pierce '92, Edmund S. Barry '95,
L. K. Yoder '95, Howard K. Jones '96,
Dr. Fred L. Bishop '98, Warren I. Bick-
ford '01, L. H. Underwood '03, P. N.
Critchlow '06, H. A. Rapelye '08, M.
R. Scharff '09, R. E. Zimmerman '11
and Francis C. Foote '16 Secretary.

The number of subscribers on Janu-
ary 5 was 141, and the amount was
\$30,207.00.

Harrisburg District

The committee in charge of the
Harrisburg district which was organ-
ized only about December 1, included
Frank Robbins '02, C. A. Emerson
'05 and Farley Gannett '02.

At the first meeting these men went
over the cards which were given
them for the territory, and appor-
tioned the ones who had not sub-
scribed among the three members of
the committee; arrangements were
also made to cover Scranton, Wilkes
Barre, Hazleton and other large cen-
ters nearby. All of these men were
either written to or telephoned.

The Committee made a particular
endeavor to secure high percentages
even if it were not possible for men
to give a large amount.

The committee was particularly in-
debted to N. G. Robertson '85, of
Scranton, President of the Wyoming
Shovel Works, for his assistance in
covering Scranton.

Cincinnati District

The Cincinnati district was headed
by W. P. Anderson '96, President of
The Ferro Concrete Construction
Company, the other members of the
Committee being as follows: Rudolph
Tietig '98, A. H. Pugh, Jr., '97, J. B.
Stanwood '75, Nathan Ransohoff '10,
V. R. Lansingh '88 and J. M. Har-
grave '12.

In addition a number of sub-com-
mittees were formed to cover the dis-
trict. Among the Alumni who served
on these committees were C. R.
Bragdon '07, E. H. Kruckemeyer '11,
F. W. Willey '08, Stanley A. Hooker
'97, Charles G. Merrell '88, Richard
W. Proctor '94, S. L. Kuhn '17, H. W.
Lackman '05, S. R. Miller '07, G. A.
Cowing '01, F. W. Garber '03, and W.
L. Rapp '00.

Each member of the general com-
mittee and the sub-committees had
certain Alumni to get after, the mem-
bers of the sub-committees reporting
to their chairmen, who in turn re-
ported to Mr. Anderson.

Meetings were held at least weekly
throughout the campaign and some-
times oftener, and when any good
prospect outside of the Alumni was
called to the attention of the Com-
mittee, a special sub-committee was
selected to look out for this prospect.

Up to January 3, subscriptions had
been obtained from sixty alumni and
three outsiders and also several con-
tracts under the "Technology Plan."

Bangor District

The Bangor, Maine, district covers
more territory than its name would
imply, as some of the men in this
district are located over 200 miles
from Bangor. The ground was hard
to cover as train connections in Maine
are poor and it is also a well known
fact that Maine roads are impassible
for automobiles at this time of year.
As a result the Bangor Committee
was purposely made large, and tried
to make each Alumnus in the district
feel that he was a member of the
Committee. S. B. Copeland '11, was
District Chairman and the others who
were most active in the work with
him were Hugo H. Hanson '12,
Charles A. Blodgett '16, Wilfred A.
Wylde '18, and Charles G. Paine '15.

The standing on January 5, showed
that fifty-one per cent. of the sixty-
five men in the district had been
signed up. The amount which the
Committee had raised at the time,
from twenty-eight of the subscrip-
tions, was \$5,414.00, an average of
\$193. 36.

In addition to the pledges a retainer
contract under the "Technology
Plan," for \$10,000 was secured.

New Bedford District

The New Bedford Committee en-
deavored to personally see every
Alumnus in and about New Bedford
and secured subscriptions from nine-

(Continued on page 4)

THEODORE NEWTON VAIL

Theodore Newton Vail was born in
Carroll County, Ohio, but his native
state can claim little more than the
honor of his birth for he was edu-
cated at Morristown, in New Jersey,
and his later associations have been
with Vermont. His life history has
helped to form the good old American
tradition with which we are so famil-
iar: he was born a poor boy, started
in at the bottom of the ladder, and
worked his way to the top by sheer
force of personality, perseverance,
and intelligence.

His first job was agent and tele-
graph operator at a box car station
on the Union Pacific. Then he be-
came a railway mail clerk, showed ex-
traordinary ability as an organizer
and systematizer, and was sent to
Washington to devise a proper system
of mail distribution for the whole
country, and later was made general
superintendent. His success brought
him to the attention of Alexander
Graham Bell and Gardiner Hubbard
who had come to a standstill in devel-
oping the telephone for commercial
use. They persuaded this dynamic
young man to undertake the upbuild-
ing of the telephone system. His salary
was to be \$5,000 but says Mr. Vail, "I
really gave up a \$3,500 salary for no
salary." The treasury of the tele-
phone company was always empty.
But Theodore Vail never lost courage.
His faith in himself and his dream of
a whole continent linked together
with telephones never wavered and to-
day he heads an organization larger

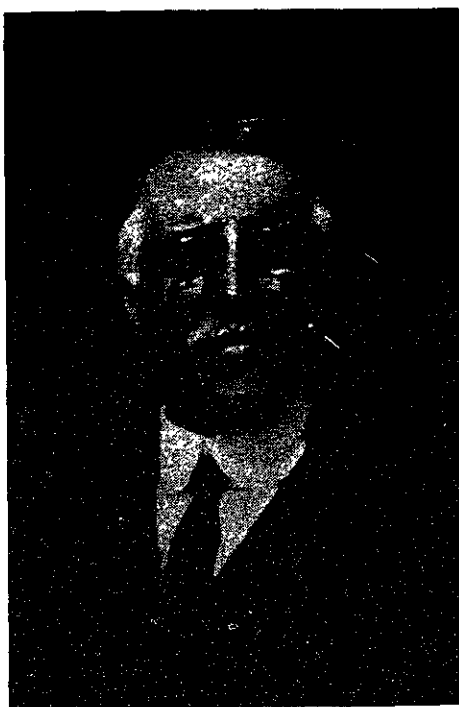


Photo by Golden Gate Studios
DEAN ALFRED E. BURTON

In order to cover the Pacific Coast
and far west, the services and aid of
Dean Burton were called upon by the
Alumni committee and his instruc-
tions were to "Young man go West,
and if you don't get \$100,000 we ex-
pect you to walk back." Needless to
say the Dean is coming back on the
train!

On his trip Dean Burton visited
Salt Lake City, Denver, Butte, Ana-
conda, Spokane, Seattle, Portland,
San Francisco and various other
places. Several contracts under the
"Technology Plan" were secured
through his efforts and a large num-
ber of subscriptions.



(C) by Pirie MacDonald
THEODORE N. VAIL
Member of Corporation Committee

and farther reaching than even his
most sanguine dream.

Science His Standby
For some years he has served on
the Corporation of Technology and
was largely instrumental in persuad-
ing the directors of the American
Telephone & Telegraph that it was
good business to pay the Research
Laboratory of the Department of El-
ectrical Engineering \$10,000 a year to
carry on experiments bearing on the
problems of telephone engineering.



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of cotton warp and all-wool
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for the cultivation of "an American Char-
acter," which the first American called

"The Cement That
Binds The Union"