

'MR. SMITH' ONE OF THESE SEVEN?

THE TECH Continues to Review Possible Benefactors—All Fulfil Requirements Set by Dr. MacLaurin

STRAW VOTE COMING SOON

Before holding the proposed straw vote for "Mr. Smith," THE TECH is submitting a list of prominent men who are among the suspects. Several names have already appeared in these columns and additional ones are presented in this issue for our readers' consideration. In deciding "Mr. Smith's" identity it is to be remembered that President MacLaurin has stated that he is neither a Technology graduate nor a resident of Massachusetts. All those whose histories are given herewith come up to these requirements. Read them carefully, then let us know your opinion by filling out the official ballot which will be published in an early issue.

Henry Ford A Prominent Suspect

Henry Ford was educated in the district schools of Michigan and at the machinists' bench, and he has no noticeable affiliations with Massachusetts, nor was he graduated from the Institute.

As a practical mechanical engineer he had a vision of automobiles for the middle class and the workers, even at a time when they were mainly foreign luxuries, and the result is the Ford Motor Co., the largest producer of automobiles in the world, turning out over 3,000 cars a day and employing more than 35,000 men.

He is the most radical among employers of labor in America and one of the few not bothered by labor troubles, strikes and closed shops. He attained this result by making his employees profit sharing partners in his concern to the tune of ten million dollars annually which, by the way, makes seven millions since 1912 seem, not small exactly, but eminently practical and possible.

That he is the rarest kind of idealist was proved by his misunderstood Peace Ship experiment; that he is a philanthropist is shown by his vast and expensive organization of welfare work among his employees, the corps of social workers, the legal and medical departments, the schools and the two million dollar hospital he built for Detroit.

He is eminently modest; his charities are not generally trumpeted about. As the most successful mechanical engineer in the United States he must know the value of engineering training and so he lingers in the mind as a distinct possibility.

Have You Considered A. V. Davis?

There are those who maintain that "Mr. Smith" will prove to be a dark horse, some one not of national reputation, but who is well known in his own business circle. Such a one has been suggested as Arthur Vining Davis, born in Massachusetts, educated at Amherst, but living his active business life in New York and Pittsburgh.

His business interests are large and important. He is president of the Aluminum Company of America; trustee of the Mutual Life Insurance Co. of New York; director in the Mellon National Bank of Pittsburgh, the Union Trust of Pittsburgh, and the Pennsylvania Water and Power Co. He is a member of the Board of Directors of the Mellon Institute of Pittsburgh.

Otherwise Mr. Davis is not known to the general public, but there are those who maintain he is the man. He will bear watching.

"If It Isn't Eastman —"

It has been positively asserted, and just as positively denied, that George Eastman, the Rochester Kodak man, is the man of millions for Technology. Rochester is a great Technology center; it has a strong Tech Club, and Eastman can hardly have helped hearing a good deal about the Institute.

He, too, started without the benefits of a Technology education. He was one of the first, and perhaps the most brilliant of that generation of amateur photographers who have revolutionized photography. Born in 1854, by 1880 he had perfected a dry plate process, which he proceeded to develop until he found what he was looking for in the Kodak and the roll film, which made his fortune and put Rochester on the map. He is president of the Eastman Kodak Company and managing director of a company with the same name in England. The well known scientific fact that it isn't a Kodak has put him in a position where he can give some seven million or so and not feel it.

Who's Who calls him a leader in business and philanthropic movements. Under the impression that charity begins at home he has already given several millions to the University of Rochester, and other smaller sums for educational purposes. As a technical man it may well be that he has seen the light concerning the greatest technical school in America.

How About T. N. Vail?

Theodore Newton Vail ranks as a capitalist and promoter of electrical transportation and telegraph enterprises, both in North and South America. Since 1907 he has been president of the American Telephone and Telegraph Co. He introduced electrical enterprises, street railways and telephones into Argentina and Brazil to the mutual profit of those countries and himself. He is president or director in numberless corporations both in America and England, and his formal education was at Morrilltown Academy and in the study of medicine.

He is a Vermonter and not a Technology man, but he is a member of the corporation, and recently presented the Institute with the Vail Library of Electrical Engineering, the largest collection of works on electricity in the world. Furthermore, he knows that it was Technology, in the person of Professor Charles R. Cross that first gave encouragement, assistance and laboratory space to Alexander Graham Bell when he was perfecting his telephone. The connection between him and Technology is a close one, but technically, he fulfills all three of Dr. MacLaurin's requirements for the mysterious "Mr. Smith."

John D. A Likely Candidate

About the business interests and the interest in industry of the John Davidson Rockefeller, father and son, it is not necessary to speak. It is their educational philanthropies which make them of particular interest to Technology men who are trying to guess the identity of "Mr. Smith."

The total of John D. senior's gifts is staggering. A partial list of the most important includes: \$43,000,000 to General Education Board of New York of which \$32,000,000 was given at one time, \$23,000,000 to the Baptist University of Chicago, \$125,000,000 to the Rockefeller Foundation of New York for scientific research and other lesser gifts. The Rockefeller Foundation, acting for him, has also made many notable grants for educational purposes.

His son, John D. Junior, is notable as an active philanthropist and director of charitable and educational work. He is chairman of the Rockefeller Foundation, trustee of the Institute for Medical Research, director of the Bureau of Social Hygiene of the General Education Board, and of the China Medical Board. It is noticeable that the Rockefellers as donors seem to incline to medical and social science rather than to technical education—but—you can never be sure.

Will J. P. Morgan Do?

Young J. P. Morgan, who is getting on to be simply J. P. Morgan, is perhaps more particularly a financier than an industrial figure, but as his millions and those of his associates eventually dictate the present and the future of a large portion of American industry, it may not be amiss to try to fit his features to the shadowy silhouette of the mysterious "Mr. Smith."

His interests in education and charities are not so well-known. It is sufficient to say perhaps that he is closely interested in three important trusts:—the Episcopal Church pension fund, of which he is trustee and treasurer, the New York Trade School, a lower grade of technical education than is Technology, but a large and important institution nevertheless, and last he is a governor of the Peabody Donation Fund.

Is Charles R. Crane the Man?

The Crane Company of Chicago is one of the largest manufacturers of

pumps and valves, and Charles Richard Crane is its presiding genius. He has money, influence, position and a deep interest in thing worth while, among which it would be only fair to include the Institute. His list of private and public offices is long: director of the National Bank of the Republic, vice-chairman of the finance committee of the first Wilson campaign for president, offered ambassadorships to both China and Russia, and trustee of the Chicago Bureau of Public Efficiency.

His interest in education is shown by the fact that he is a trustee and donor of the American College for Girls, Constantinople and for the Marine Biological Laboratory, Woods Hole, Mass., one of the most important scientific stations in the country. Recently he was treasurer for the Armenian and Syrian Relief Fund, and a member of the President's special diplomatic commission to Russia.

MORE NAMES ADDED TO CITATION LIST OF OVERSEAS MEN

The following is a continuation of the list of citations given to overseas Technology men. This list is printed from time to time as THE TECH receives the names and citations from the War Record office.

F. O. Billings, '23, Sgt. 2 Citations.
D. Carb Instructer, 2nd Lt. Croix de Guerre with silver star.
E. G. deCoen, '13, Major. Cited. Headquarters, 1st Brigade, June 18, 1918.

T. H. Dillon, Professor, Col. Citation.

F. G. Elwell, '19, 2nd Lt. Croix de Guerre with silver star; American Field Service Medal.

E. S. Gorrell, '17, Col. D. S. M.; D. S. O. (British); Legion of Honor.

A. F. Herold, '09, 1st Lt. Croix de Guerre.

A. Y. Hoy, '02, 2nd Lt. Mentioned in Sir Douglas Haig's despatch, Nov. 8, 1918, in connection with events of the spring of 1918.

A. R. Knight, '17, 2nd Lt. Croix de Guerre (2 Citations); Caproni Medal (Italy).

L. F. Lovejoy, '23, pvt. Croix de Guerre with bronze star.

W. E. Lucas, Jr., '14, Capt. Croix de Guerre with palm, gold, silver and 2 bronze stars; and cited for Topographical work.

F. H. Magoon, '14, Gold medal for civilian service. Red Cross (Serbian).

T. Main, '16, Sgt. Citation from Gen. Edwards.

G. N. Ross, '21, Pvt. Croix de Guerre American Field Service Medal.

W. H. Sage, Jr., '07, Col. Croix de Guerre (Belgian); Croix de Guerre (French), Chevalier of the Legion of Honor; Citation.

G. R. Wallace, Jr., '13, Major. Cited for service at Launelle, Meuse, Nov. 6, 1918.

M. E. Weld, '14, Ensign. Croix de Guerre.

C. H. Wooley, '16, 1st Lt. Citation.

RADIO SOCIETY SETS UP LONG WAVE APPARATUS

The Radio Society has recently installed a new long wave receiving apparatus with which it expects to receive signals from distant stations such as Panama and Lyons, France, as well as many of the larger stations along the coast. There are now three receiving sets in operation and members of the society stand regular watches every night. These men are all commercial operators and go on duty by turn, each man standing a watch from 6.00 in the evening until 2.00 o'clock in the morning.

The society expects, as soon as it has completed its station, to become a member of the American Radio Relay League, which has been organized for the purpose of relaying long distance messages throughout the country. Several of these relay stations are to be set up near Boston, and it is expected that the Technology station will be one of them.

Arrangements have been made to establish regular communication with Wellesey. Messages may be telephoned to the Technology station, whence they will be transmitted by radio to Wellesey.

NAVAL ARCHITECTS WILL HEAR PROF. HOVGGAARD

The Naval Architectural Society has now completed its plans for what promises to be a most interesting smoker. It will be held in the Faculty Room, Wednesday evening at 7.30. Professor Hovgaard, of the Department of Naval Architecture, and formerly of the Royal Danish Navy will address the gathering. In conjunction with his talk, several films will be shown depicting the tactics of the submarine chasers, a class of ships, that played no small part in the winning of the war. Some Mutt and Jeff comedies will also be shown in order that the smoker may have no resemblance to classroom work. Men of all courses are cordially invited.

SOPHOMORE FOUNDRY CLASS VISITS STOVE FACTORY

In place of the regular class last week, second year men taking foundry work visited the plant of the Walker & Pratt Mfg. Co. in Watertown. They were shown through the entire works, seeing every step in the process of manufacturing stoves and furnaces.

The men were first shown the department where the stoves are assembled, painted, and inspected. Passing to the plating room, they saw how the ornamental parts are electroplated with nickel, brass, or gold. The next room contains the rumbles in which the castings are cleaned by rolling with beach sand and water in an egg-shaped barrel. Last came the foundry proper where the molds are made and poured. Particularly interesting were the machine molders whereby one man can turn out a complete mold in a little more than a minute. In the core-making shop the men saw how cores are molded and baked. Adjoining this room are the cupolas that melt the iron for the molds. After climbing to the charging stage and watching the charge of coke and pig iron being put into the cupolas, the party descended to see how the molten metal is drawn off and carried in pots on overhead tracks to be poured into the molds. This operation was most spectacular as the white hot stream came from the furnace with a shower of sparks. Poured into the sprues, it caused jets of burning gas to spout from the vent holes, accompanied by muffled explosions inside. The parties were particularly impressed by the efficiency and fine morale of the workmen. The white hot metal was handled without the slightest confusion and every man seemed to take pride and pleasure in his work. There has not been a strike in the plant for over fourteen years.

TEXTILE COMMITTEE WILL HOLD DINNER AND MEETING

The committee known as D 13 of the American Society of Textile materials which embraces about forty textile experts from various tire companies and textile schools, will hold a dinner and meeting next Friday, December 5th. After an informal dinner in Walker Memorial the members will adjourn to room 4-270 where the evening's discussion will center about the question of "Textile Materials." Five formal papers will be read followed by a general discussion. Any member of the Institute who is interested in such subjects and desires to attend the evening session may receive an invitation to the same from Professor G. B. Haven, room 3-465 upon request.



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