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(Continued on page 4)

DR. WALKER MADE HEAD

(Continued from page 1)

nology is just as great, for we appreciate how much it will mean to us to be brought in closer touch with the practical problem of the industrial world. We want to meet the industries more than halfway.

"And it means, too, a large field for new income for the support of the Institute. There could be no more legitimate way for a great scientific school to seek support than by being paid for the service it can render in supplying special knowledge where it is needed. Already contracts we have signed total between \$900,000 and \$1,000,000.

"Our division hopes to become the point of contact between the outside world and our educational plant. Manufacturers may come to us with problems of every kind, be they scientific, simple, technical or foolish. We shall handle each seriously, giving the best the Institute has at its disposal.

Where German Strength Lay

President MacLaurin said that the immense development of industrial Germany before the war was without question largely due to its technical schools, adding:

"Both were subsidized by the German Government and each worked in co-operation and co-ordination with the other. The intimate co-operation between science and industry was quite as important as the high quality of science. The Technology plan will bring American industries in true American fashion into the closest relation with the staff, plant and resources of this institution."

Walker Directed Gas Plant

Dr. Walker has been on the Institute staff for over twenty-five years, being at the head of the Research Laboratory of Applied Chemistry for the past twelve years. The success of this laboratory has caused comment over the entire United States, its facilities being used extensively by such concerns as the General Electric Company, The National Tube Company, The Vacuum Oil Company and the Goodyear Tire & Rubber Company. In connection with Dr. Walker's war work, it has been stated that the production of toxic gas at the Edgewood Arsenal was nearly twice that of the other Allies. Major E. Alexander Powell, in his new book entitled: "The Army

Behind the Army" speaks as follows of Dr. Walker's activities:

"The manner in which this college professor brought order out of chaos at Edgewood and its related plants, directed the activities of seven thousand soldiers, eight thousand civilian workmen, settled labor troubles, obtained material, completed and put into operation the largest toxic-gas plant in existence, and by his insistence in manufacturing at Edgewood all types of gasses including a large proportion of basic chlorine, made the government independent of manufacturers and contractors, was one of the most remarkable accomplishments of the war."

Some of the Contracts

Among the concerns which have signed contracts under the Technology plan are the American International Corporation, the General Electric Company, the United States Steel Corporation and the American Telephone and Telegraph Company, the W. H. McElwain Company, shoe manufacturers; the Los Angeles Soap Company, the Pierce-Arrow Motor Car Company, the American Woolen Company, the Eastern Manufacturing Company, paper manufacturers; the United States Rubber Company, Arthur D. Little, Inc., consulting engineers; the New England Confectionery Company, the American Glue Company and the Utah Copper Company.

Among the prominent Boston concerns are the Merrimac Chemical Company, Gray & Davis, the Edison

Electric Illuminating Company, Stone & Webster and the E. B. Badger & Sons Company.

The War Record office has been moved from room 3-210 to 3-207. Dr. Walker will have his office in room 3-210.

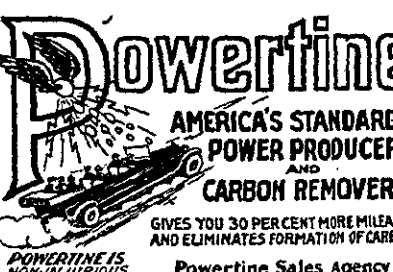
FUND APPROACHES 100 PER CENT

(Continued from page 1)

amount subscribed, but just the name and class of each man.

Yesterday letters were sent out and bulletin board appeals are being made to get every student to make some sort of a subscription and to get it in at once at room 3-205, the Endowment Fund office.

The hunt for the man without a red button opens on its final stages this morning and the Fund Committee has asked every wearer of a red button to look around him in the classes and in the corridors and see whether his neighbor has one on also.



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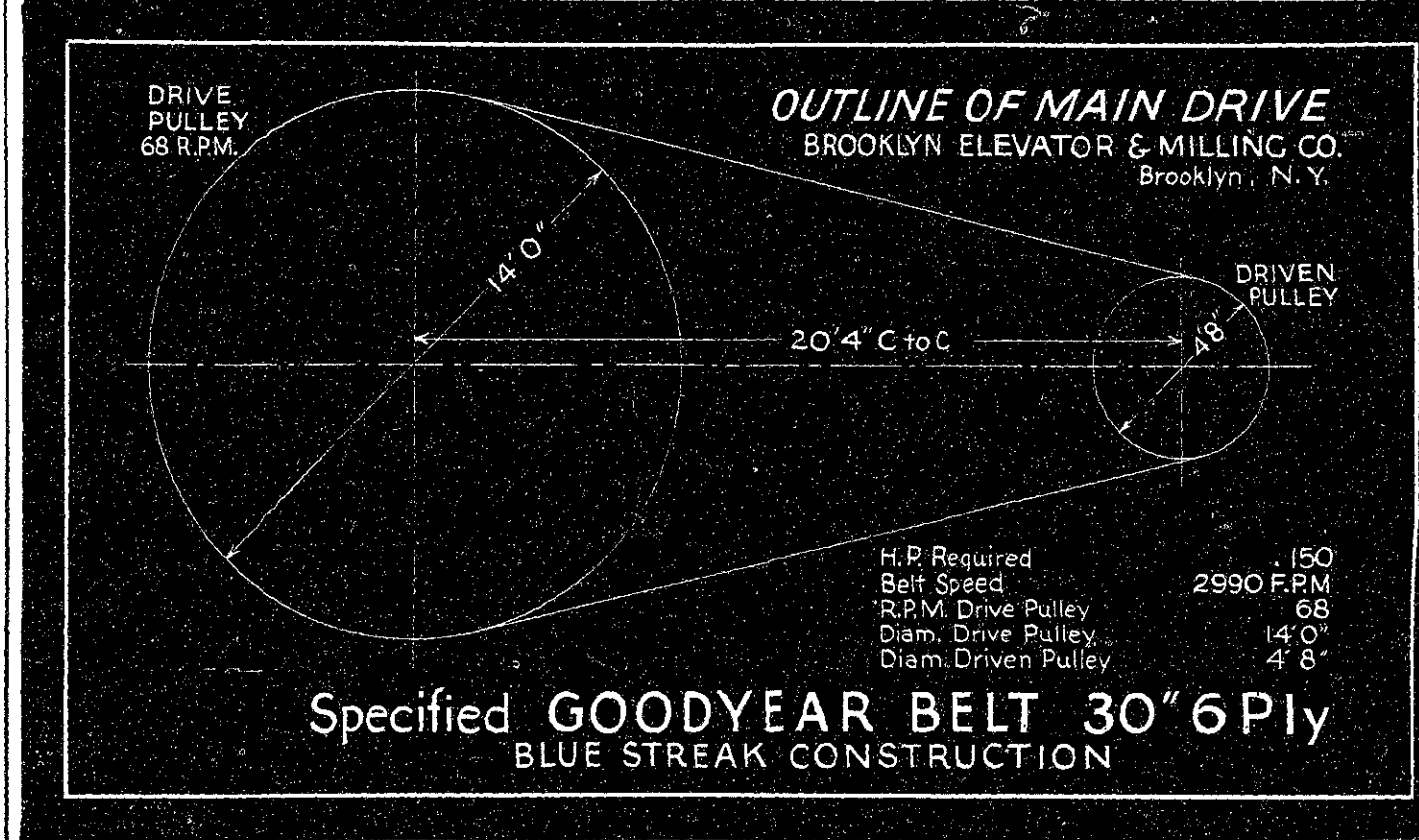


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Belting Costs—and the G. T. M.

A study of plant efficiency makes clear the fact that a belt is really a machine part. Not only does the quality of the belting used determine the effectiveness of the drive, but the nature of the belt may have a very important action on the driving and driven machinery. A belt that has to be kept tight, for example, is liable to cause overheating of the engine bearings.

The economies a good belt can effect extend throughout the plant operation, and the first step in securing them is to make sure that the belt installed is specified scientifically to the duty required of it.

The Brooklyn Elevator & Milling Company improved its main drive and reduced its belting costs by installing a belt recommended on the basis of an expert analysis by the G. T. M.—Goodyear Technical Man.

An idler has been retired, and \$667.54 saved.

A 30-inch, 6-ply Goodyear Blue Streak that cost \$229.60 less in the first place than the belt they had been using has given economical service for 27 months now on a drive that wore out ordinary belts in about 18 months. So, besides the initial saving, the Company credits the Goodyear Blue Streak with an operating saving of at least \$437.94. Moreover, the Goodyear Blue Streak has caused no trouble and needed no repairs, as against plenty of both on its short-lived predecessor.

The relation of belting to factory efficiency is treated in detail in the Goodyear Mechanical Goods Encyclopedia. Students and teachers of engineering are invited to write for a copy to the Mechanical Goods Department, The Goodyear Tire & Rubber Company, Akron, Ohio.

BELTING • PACKING • HOSE • VALVES

GOODYEAR