ports that 30 per cent of its sales are products developed through research since 1936. One-third to one-half of the products of a great electrical company had their beginning in the research laboratory. A nationally-known glass manufacturer asserts that all of its present business is an outgrowth of its research and development work. Through research, a great American oil company returns to its stockholders profits 15 times the amount it spends on that research.

## GEBHARDT AND FLOW METER INDUSTRY

George Frederick Gebhardt, who for 36 years was head of the Institute's Mechanical Engineering Department and was considered one of the foremost power plant engineers in the world, invented a steam flow meter. With Jacob M. Spitzglass (M.E., 1909), an equally brilliant mechanical engineer, he established the principles which today are widely used in the entire flow meter industry.

## HOW AMERICA BENEFITS

How does the nation's economy and industry profit from the operations of technological institutions of higher education? Of what value to a single corporation's stockholders are such engineering colleges? Illinois Tech has a multiple answer to these penetrating questions. Its answer embodies the heart of its function and, in reality, is a window through which may be viewed over a half-century of educational service to America and its economic, political, and social fabric.

## WELL-ROUNDED CITIZENS

Illinois Tech strives to produce graduates who are equipped not only with a fine engineering education but also with the background and training for service and leadership in community life. A comprehensive liberal studies program is thoroughly integrated with engineering studies throughout the entire undergraduate years.