

5. GLUE.—\$1,200 a year for 2 years. One Fellow. In recognition of the work of this Fellowship the company on its expiration established a second Fellowship at an increased rate, which appears in this list as No. 20.
6. SOAP.—\$1,200 a year for 2 years. One Fellow. On the termination of this Fellowship, the Fellow went over personally into his company with his process and in recognition of its success the company then established a second Fellowship on the same subject at an increased rate, which appears in this list as No. 21.
7. UTILIZATION OF FRUIT WASTE.—\$1,000 a year for 2 years. Bonus, \$10,000. One Fellow. On the conclusion of this Fellowship, in lieu of the bonus, under certain conditions, the proprietary rights in his process were conferred upon the Fellow.
8. COMPOSITION FLOORING.—\$1,500 a year for 2 years. Bonus, 1% of sales for 5 years. One Fellow. While this Fellowship was successful, from the standpoint of the results of the investigation, it was a failure owing to changing circumstances in the specific example of the industry concerned.
9. CRUDE PETROLEUM.—\$10,000 1st year; \$10,000 2nd year; \$10,000 3rd year, including apparatus fund. Bonus, collective interest, 10%. Nine Fellows. This large and important Fellowship, which had a tenure of two years, has been extended through a third year on the basis of the results accomplished. These results are of prime importance to the petroleum industry.
10. NATURAL GAS.—\$4,000 1st year; \$4,000 2nd year; \$6,000 3rd year, including apparatus fund. Bonus, 5% industrial results. Two Fellows. This Fellowship, established for two years at \$4,000 a year, has been extended through a third year for the sum of \$6,000, the salary stipend of the senior Fellow being raised from \$2,500 a year to \$4,000 a year.
11. CEMENT.—\$1,800 a year for 2 years. Bonus, \$10,000. One Fellow. This Fellowship was a failure, owing in large measure to a lack of willingness on the part of the company concerned to co-operate with the administration and the Fellow.
12. FOOD, PROBLEMS RELATED TO THE MANUFACTURE OF.—\$5,000 a year for 2 years. Bonus, \$10,000. Three Fellows. This Fellowship is now in operation and it is believed that it will have a successful termination.
13. FATS AND OILS, BLEACHING OF.—\$1,500 a year for 2 years, plus \$300 apparatus fund. One Fellow. There is no question about the very successful operation of this Fellowship and of its ultimate results.
14. EFFECT OF HIGH POTENTIAL ELECTRICITY ON CHEMICAL REACTION.—\$1,000 year for 2 years, plus \$300 apparatus fund. Additional consideration. One Fellow. This Fellowship has already yielded the essentials of an important industrial process. It has a very large importance to the institute, owing to the fact that the donor has made over all results to the institute to be used for the establishment of further researches by the institute.
15. DISCOVERY OF METHODS OF COATING STEEL OR OTHER METALS WITH COPPER OR OTHER METALS.—\$1,500 a year for 1 year; \$500 apparatus fund, 3 months' extension. Bonus, \$10,000. One Fellow. The laboratory investigation of this subject has been completed and its large-scale working is now being arranged for. Pending the completion of the large-scale operation, the Fellowship has been extended.
16. EXTRACTION OF COPPER FROM ITS ORES AND FROM COPPER "TAILINGS".—\$1,500 a year for 1 year. One Teaching Fellow. This investigation has proved so important that it has been extended through the addition of another Fellowship, No. 24, at \$1,500 a year, and, subsequently, of still another, No. 29, at \$6,000 a year.