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Hold until report
from Capt Y

Approved for Release by NSA on 02-10-2014 pursuant to E.O. 13526

Mr. William B. Shockley
Bell Telephone Laboratories
Murray Hill, New Jersey

Dear Mr. Shockley:

The National Security Agency is anxious to be able to call upon eminent scientists such as yourself for part-time services or for special consultation in cryptography and communications research, a field extremely important in the national defense. I assure you that you would be called upon for such services or consultation only on problems of a rather vital nature.

There are three types of problems in which you may be interested. The Agency sponsors a summer symposium in southern California, at which mathematical problems basic to our work are discussed. Some of these problems concern the application of known results, but the greater part of the topics involve new research. Some of the special fields most frequently involved are matrix theory, statistics, combinatorial analysis, and logic.

The Agency also employs a number of people as consultants who are called upon for advice on unusual problems which arise from time to time. Again the problems entail work on both the applied and the research levels.

Currently this Agency has an Advisory Group which meets at regular intervals to deal with a variety of scientific subjects pertinent to the work of the Agency.

Since the Agency's work is highly classified, there are certain procedures necessary in connection with obtaining access to the work or with the procurement of personnel. If you are interested in assisting us in some of our problems, it is requested that you fill out the inclosed forms. On the Personal History Statement please fill in every blank,

even if the only possible reply is "Inapplicable." The fingerprint cards can be completed at any police station, service recruiting center, or similar activity. I realize that this will be an onerous but unavoidable inconvenience, and I offer you my apology for it.

I must emphasize that no commitment as to your services is intended or can be made at this time. When you have completed the forms, please return them to me, and I shall initiate their processing here. It may be possible then to discuss this matter in greater detail.

Again I wish to apologize for troubling you and to assure you that your assistance can be a real contribution to the national defense.

Sincerely,

J. N. WENGER
Rear Admiral, US Navy
Vice Director

2 Incls:

1. PHS, DD 398
with supplements.(In duplicate)
2. Fingerprint card.(In duplicate)