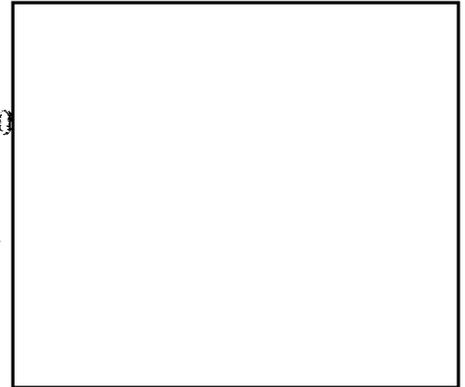


ER 60-9134a

STAT

2 DEC 1960



Handwritten initials
Mr. Alfred Friendly
Managing Editor
The Washington Post
1515 L Street, N. W.
Washington 5, D. C.

Dear Al:

Thank you for your letter of 26 November 1960 expressing your pleasure at my continuing as Director of Central Intelligence. I sincerely appreciate your kind remarks.

Your comments on "The Reluctant African" (Harper's) by Louis E. Lomax interest me and I plan to read the book at an early opportunity.

Every good wish.

Sincerely,

SIGNED

Allen W. Dulles
Director

O/DCI/SJGrogan:abk 29 Nov 60

Rewritten: EO/DCI/ [] blp 1 Dec 60

Distribution:

Original - Addressee

1 - DCI

1 - DDCI

✓ 1 - ER w/basic *Via reading*

2 - Colonel Grogan

(EXECUTIVE REGISTRY FILE *F*)

TRANSLATION

Dear Mr. Dulles:

26 November 1960

STA

Subject: Script for Code Transmission

All my efforts of several months duration to obtain recognition from the Council for my ideas have been fruitless.

Please forgive me for writing to you in my native language. As I am not fluent in English, and inasmuch as I also did not wish to present to you via another party (interpreter) an unprecise and second-hand version of the details of my idea for a code-script (written encipherment), I therefore request your indulgence in granting me a hearing, although written in German, with respect to my code-script proposal.

the use of

It is my intention to offer to your Agency/my code-script on a gratuitous basis, in the event that you may be able to make use of same. From the enclosures you will be able to the interrelationship (of my system) with the programs now undertaken in your country. In the hope that there may be a possibility for further developments, I remain,

Respectfully yours,

8 Enclosures.

STA

F-1960

translation

Handwritten Notations on Reverse Side of Photostat:

"The code-text appearing on the reverse side, was made available to the Council and reportedly was tested.

This code-script, which can be used in any language, and which is easily learned, consists of a number of (individual) elements which are in established relationship one to another, but which can be employed separately also; on the other hand, as a complete writing form in itself, my system offers remarkable encipherment potential.

But your technical specialists can judge for themselves whether an enciphered text based upon my system of code-writing offers sufficient potential for utilization by an intelligence organization.

It is my opinion, after having worked on this code-writing technique for the past 15 years, that this system can be utilized only after it has been completely and unreservedly published.

It is intended that the actual text of the message shall only be readable at the intended receiving destination, by utilization of a combination of several code systems, as contrasted with electrical (or electronic) communications utilizing acoustic encipherment and acoustic directional beaming. Admittedly this method is reasonably simple to use. Please give me an opportunity to provide a practical demonstration!

26.11.60

STAT

Name of the Inventor:

Address:

STA

Name of co-inventor or collaborators:

None.

1. This Idea is called (Name of the Idea or appropriate Suggestion)

T A B C

2. It has the following unique characteristics, which are believed to be new and of an inventive nature: Code transmission via "code script", is intended to be a code-text transmission system based upon Television independent of acoustic principles. (See U.S.A. Letters Will be radio-ed).

The communications field is facing a revolution through the utilization of satellites, sent out into space for utilization as Relay-stations, and which will also offer unique potential for the transmission of television broadcasts.

3. Following presents a brief description of the method of utilization of my proposed code-writing system:

The code-script is written as any other method of recording writing. Method of transmission: See U.S.A. "Letters Will Be Radioed". With utilization of an electronic teletype modified to receive and transmit handwritten communications, could not this code-script system already be put into use?

4. The proposed item would be of greatest interest for the following industrial plants, or branches of government:

For military purposes, Interpol, Stock Exchanges, etc.
Bundespost. (German Postal Service - West German)

(I question) whether a code-transmittal on this basis, ~~and in~~ is feasible in light of the need to preserve the secrecy of the mails?

It would be even more remarkable, to do so on an intercontinental basis.

-2-

5. The following questions, to be answered with a "yes" or "No", reflect the status of this idea, which is described on the preceding page"

Yes	No	
	X	Is this a general idea, which requires further development?
X	X	Has this idea been developed in detail on paper, (i. e. has the planning phase been completed?)
	X	Has this idea been tested, or has a model been prepared and constructed?
	X	Is this idea (or invention) currently being used?
	X	Is this item already on the market?
	X	Is this item covered by a Patent application?
X		Has this item been patented?
		Has this idea been disclosed to other industries or branches of government? (In the event an affirmative reply is given, indicate to which offered and the dates of relative correspondence.)
		This idea was partially revealed to the National Inventors Council, Washington, D. C. The disclosures made to the Council are valueless, since in order to understand (my system) one must know the complete details of my code-script system.

-
6. The information provided in preceding paragraphs is to be supplemented by enclosed descriptive material, consisting of ... pages, sketches and pages of written material. (See Footnote)

Footnote:

- Indicate the general purpose or objective of the invention.
- Describe, if possible, the old method of carrying out the purpose of the invention.

-3-

- c) Indicate the disadvantages of the former method.
- d) Describe the construction of the invention, which is different from, and which amplifies or improves the production methods as contrasted with the old method.
- e) Provide details with regard to the method of operation of the invention, if this point is not already covered under d)
- f) Compare the advantages of the new invention with those of the method or item now in use. Indicate specific points or aspects, which can be considered new.

Footnotes (in reply to foregoing)

- a) For the transmission of coded messages. The purpose of the invention is the establishment of a system of code-script writing.
- b) The present (or old) method, dependent upon acoustic transmittal principles, as known to date.
The new method proposed, not dependent upon acoustic relay, involves the transmittal via optically recognized means (i. e. photographic images) of code texts, as described under question #2.
- c) As a layman I am not qualified to answer in full detail the question of disadvantages of the old or present method. The truth of the matter is that a photographic transmission of code messages utilizing a variety of encipherment forms or systems, has many important advantages, as for example, for the utilization by military organs for the transmittal of coded messages by means other than acoustical electronic means, in which the sender cannot be pinpointed by radar, i. e. via acoustically oriented D-Fing methods. This method of transmission of encoded material, above all in time of war, offers remarkable advantages.
- d. Application: See "Letters will be Radio-Photographed". (Project ARL-US)
Improvement over the previous methods employed is that this system is not dependent upon electronic transmission based upon acoustic principles and can be employed on an inter-continental basis. This theme could be further developed in full detail by Prof. Dr. DIEMINGER, Director of the Max-Planck Institute for "Aeronomie" at Lindau.
Also, this system provides for direct reception and decipherment of such messages.
Regarding this point, judgement can be rendered only after a complete publication of the "Codescript" method.

-4-

- e) Details of the use of the Code-script can only be made available through the unreserved revelation of the system itself. I did not provide the Council in Washington with such unreserved disclosure of my method. Until I am advised whether or not my proposed code-script system is usable, I cannot be expected to make such revelation. Please read, in this connection, the latest letter I received from the U.S. Council, which I am enclosing in photographic copy.

The technical application (of my invention) is described, insofar as I am able to describe same as a layman.

STAT

VIA REGISTERED MAIL



15 May 1959

STA

AIRMAIL

Attention: The Director of Research
U.S. Department of Defense
Dr. Herbert York

Washington, U.S.A.

In re: Television 0 Codescript Transmission

After twice writing to your Defense Department Headquarters for Research and Development in Brussels, I have received no further communication since 31 January 1959. I request therefore that you forgive my candor in addressing myself to you directly. In the event that my proposed system of code-script transmission, indicated above in reference, is of interest, I it is my impression that my idea, outlined over a period of years in a written abstract thesis, could be utilized for purposes other than the original proposed use indicated in my paper. This (I feel) could well be the case, even though there are similar and perhaps even better ideas on the same subject and with the same ultimate objective already available, a fact, however, concerning which I as a layman can have no information.

The uniqueness of my developed form of enciphered writing, however, remains a puzzle for experts, the solution to which and understanding of which might be of profit also for purposes other than those I have indicated. As enclosure herewith, I am forwarding to you a copy of my letter to Brussels, which presents in its most concise form the detailed outline of my thinking with regard to this subject, and the indicated application of my idea for coded message transmittal by television relay.

Only recently I read about your "Project Argus". Among other items noted, it would be possible thereby to disturb or disrupt radar and radio transmissions over wide areas of the earth's surface, by the utilization of nuclear explosions detonated at very high altitudes. In light of these prospects, surely you are already undertaking the investigation and preparation, for eventuality of actual war, of a method of relaying classified military communications by means other than electronic means. Would not my ideas, on basis of the present day stage of development of television and rocket techniques, as well as others, provide still further potential communications transmittal means to supplement manual key transmissions? I do not know how great an unrecognized potential may be inherent in the soundless, direct transmittal proposal I make and may be able to make (in the future), in the event the suggestion I make can be transformed into reality of a Project World Space

-2-

of Utopia. I do not believe that I am ahead of my times in my thinking ?

In the hope that my request shall not be in vain, I remain in anticipation of your early reply,

Respectfully yours,

/s/

N. S. A sample text is available
in your Brussels Office.

Handwritten notation:

Without reply. (illegible)

See Project Echo'. Today?

STAT



STA

29 July 1959

National Inventors Council
Department of Commerce Bldg.

Washington 25, D. C.

In Re: Method of Transmittal of Messages!
(which is dependent neither upon electrical
impulses nor upon sound-waves)

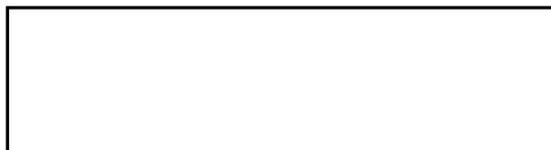
In connection with this proposal for transmittal of messages, I have developed a code-writing system for utilization in transmittal of classified material. The question which I address to you is whether you may have any foreseeable use for my code-script method? and for my idea in connection therewith?

I am not an inventor who can offer you a piece of apparatus, which conforms to your desires in terms of performance as a transmitter of communications without the use of electric impulses or of sound waves. However, I have provided you with a few intellectual concepts in outline form, which may indicate a closer approach to the potential (of this proposal). In the event that my work with respect to a method of writing code (writing enciphered text) is of interest to you, I shall be pleased to provide you with a detailed expose of this system.

In order that you may appreciate more fully my idea on this subject, I am enclosing a copy of a letter addressed to Dr. York of Washington, D. C. My repeated efforts via letter to interest the American Defense Department (in my proposal) have been without avail to date. Therefore I am turning to you. Is my idea so badly written up and so primitiv, that it is unworthy of a reply from Dr. York?

In anticipation of your reply, I am,

Respectfully yours,



STAT

60-9236/1

Office Memorandum • UNITED STATES GOVERNMENT

25X1

TO : [Redacted]
Assistant to the DCI

DATE: 13 January 1961

25X1

FROM : [Redacted]
Chief, FI/D

SUBJECT:

1. Attached material has been translated and reviewed. Without having sought a detailed technical analysis, it does not appear that the system described would have any practical application.

25X1

[Redacted]

25X1

2. There is some implication in the correspondence that [Redacted] has ideas and possibly treatise in elaboration of the material herewith, and that he would like an opportunity to provide a "practical demonstration". Therefore, any substantive reply would probably lead [Redacted] into further correspondence with Mr. Dulles. For this reason, the most practical course would seem to be avoidance of a reply. It is noted that the correspondent has already received a negative reply from the National Inventors Council, and has had no

25X1

reply from Dr. York.

3. My first recommendation is against replying to the correspondence. If for administrative or other reasons a reply is called for, something along the lines of the attached draft might serve the purpose.

DRAFT REPLY

January 13, 1961

STAT

Dear

Thank you for your letter of November 26, 1960, with which you enclosed your code script proposal.

Unfortunately, the technical matters with which you deal are somewhat beyond the scope and responsibilities of the CIA. The materials are returned herewith. I believe that your previous approaches to other American officials were proper and correct.

Your thoughtful presentation is very much appreciated.

Sincerely,

SENDER WILL CHECK CLASSIFICATION TOP AND BOTTOM

UNCLASSIFIED

CONFIDENTIAL

SECRET

STAT

CENTRAL INTELLIGENCE AGENCY
OFFICIAL ROUTING SLIP

TO	INITIALS	DATE
1 229 Admin Bldg.	<i>[Handwritten initials]</i>	1/16/61
2		
3		
4		
5		
6		

ACTION	DIRECT REPLY	PREPARE REPLY
APPROVAL	DISPATCH	RECOMMENDATION
COMMENT	FILE	RETURN
CONCURRENCE	INFORMATION	SIGNATURE

Remarks:

Attached for your convenience is a rough translation of correspondence.

FOLD HERE TO RETURN TO SENDER

FROM: NAME, ADDRESS AND PHONE NO.

DATE

C/FI/D 1502 L Bldg.

16 Jan 61

UNCLASSIFIED

CONFIDENTIAL