

IN REPLY REFER TO
00Sig0-070

WAR DEPARTMENT
OFFICE OF THE CHIEF SIGNAL OFFICER
WASHINGTON

10.

June 16, 1936.

Subject: Invention

To: Director, Signal Corps Laboratories,
Fort Monmouth, N. J.

1. Although the patent application covering the Converter 134-T-1 and the improvements contained in memorandum dated March 24, 1936, copy of which was submitted to you, is not classified as secret, Mr. Friedman, of this office, wishes to know whether the interests of the National Defense would in any way be prejudiced by the sale of commercial rights on this apparatus at this time. This matter should be considered on the basis of whether or not disclosure of the principles set forth in the construction of the 134-T-1 or the improvements contained in Memorandum of March 24, 1936, would materially destroy the secrecy of the 134-T-2. Unless there would be a material injury to the National Defense, it is desired to notify Mr. Friedman that he may proceed with a disclosure of the principles covering the above mentioned converter.

2. Such disclosure, however, will not carry with it any disclosure of any detailed work on this invention that may have been carried out with Government funds at the laboratories. That is to say, the records of the laboratory will in no case be made available to a prospective purchaser.

By Order of the Chief Signal Officer:



Roger B. Colton,
Lieut. Col., Signal Corps.

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FM(SCL) 070
(6-16-36)

1st Ind.

FTG:G:K

SIGNAL CORPS LABORATORIES, FORT MONMOUTH, OCEANPORT, N.J. June 22, 1936.
TO: Chief Signal Officer, War Department, Washington, D.C.

1. A copy of the memorandum dated March 24, 1936, referred to above is requested, none being available in the files of these Laboratories.


L. L. CLAYTON
Major, Signal Corps
Director

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2nd Ind.

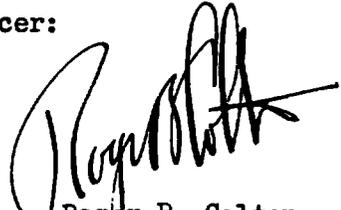
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War Dept., OCSigO, Washington. June 30, 1936. To: Director, Signal Corps Laboratories, Fort Monmouth, N. J.

1. Papers in connection with this case, as follows, are inclosed:

- Memo. 3-23-36 w/spec. and dwgs. covering proposed modification of Converter type M-134T2; and 1st, 2nd and 3d Memo.Inds. thereto. Also Memo. 4-9-36 from Mr. Rowe, Patent Section and report of Patent Board, Meeting No.2, 4-17-36. (M-134-T2)
- Memo. 3-24-36 w/description and dwg. covering proposed modification of Converter M-134-T1; and 1st, 2nd and 3d Memo.Inds. thereto. Also Memo. 4-9-36 from Mr. Rowe, Patent Section and report of Patent Board, Meeting No.2, 4-17-36. (M-134-T1)
- Memo. 5-29-36 and 1st Memo. Ind. inclosing Minutes of Meeting No.3 of Patent Board, 5-26-36, and memo. 4-29-36 w/sketches and descriptions of modification of Converter M-134-T1.

By order of the Chief Signal Officer:


Roger B. Colton,
Lieut. Col., Signal Corps.

Incls. as listed

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3rd Ind.

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SIGNAL CORPS LABORATORIES, FORT MONMOUTH, OCEANPORT, N.J. July 7, 1936.
TO: Chief Signal Officer, War Department, Washington, D.C.

1. The question raised is whether or not the commercial sale of Patent No. 2,028,772, including the modification of March 12, 1936, will seriously affect the secrecy of the Converter M-134-T2 now covered by pending patent applications assigned to the Government.
2. The principles of operation of the Converter M-134-T1 were publicly disclosed when Patent No. 2,028,772 (Jan. 28, 1936) was issued by the Patent Office. The basic principle of operation is that a cipher wheel under motor drive is stopped at various positions by a tape transmitter establishing various paths of continuity between keys and lamps. The modification of March 12, 1936 simply suggests that the cipher wheel operate continuously instead of being stopped but that the tape transmitter be introduced into the continuity circuit.
3. Broadly speaking Converter M-134-T1 employs a tape transmitter to position a cipher wheel (commutator) and also broadly speaking Converter M-134-T2 employs a tape transmitter to position a plurality of cipher wheels (commutators). The tape transmitter is the common agent but it is not believed that this knowledge alone would be of any benefit to an enemy.
4. It is believed that inasmuch as Patent No. 2,028,772 has been made public through Patent Office publication and issue that the secrecy considerations of Converter M-134-T2 would not be affected by the subsequent sale of Patent No. 2,028,772, or the modification of March 12, 1936.

L. L. Clayton
L. L. CLAYTON
Major, Signal Corps
Director

Incl. w/d.

File

8/29/36

The above was not acceptable to
Mr. Friedman, and he has been
instructed to write a letter to the
Chief Signal Officer setting forth exactly
what he does want.

NO FILE

SIG: 103 ... 8/29