

## IN THE UNITED STATES PATENT OFFICE

IN RE: Application of  
WILLIAM F. FRIEDMAN

Serial Number  
478,193

Filed  
6 March 1943

For  
SYSTEM FOR ENCRYPTING  
FACSIMILE

Division 16

AMENDMENT

*Filed  
20 Oct 1947*

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TO: The Honorable Commissioner of Patents  
Washington 25, D. C.

Sir:

This is in response to Patent Office action of 22 April 1947  
in the above-identified application for patent. Please amend the  
case as follows:

## IN THE CLAIMS

Claim 2, line 7 - Cancel "or none".

line 12- After "said" cancel - said - .

Claim 3, line 5 - Cancel "or none".

Claim 4, line 7 - Cancel "or none".

Claim 8, line 1 - Cancel "sending" and insert - generating - .

line 2 - Cancel "transmission" (first occurrence) and  
insert - signal.

line 2 - Cancel "means for".

Claim 8 - Cancel the amendment of 14 October 1946 and substitute

- by adding thereto another facsimile signal before  
transmission - .

- Claim 9, line 2 - Cancel "writing a message,".  
 line 3 - After "of" insert - two-level - .  
 line 4 - Change "occurring" to - occurring - .  
     After "to" insert - the - .  
     After "presence" change "of" to - or - .  
 line 5 - Cancel "at" (last occurrence).  
 line 6 - Cancel "at that instant".  
 line 8 - Cancel "stream" and insert - series - .  
 line 9 - Cancel "stream" and insert - series - .

Please add the following claims:

11. The method of obtaining privacy in the transmission of facsimile signals which includes generating a two-level facsimile signal representing the subject desired to be transmitted the signal assuming one value in response to the scanning of a portion of the subject having one range of photographic densities and the other value in response to the scanning of another range of photographic densities, interacting with said two-level signal a further two-level signal to produce an additional two-level signal the successive values of which depend upon the instantaneous values of said two first-mentioned two-level signals, and transmitting said additional signal.
12. The method of Claim 11 further characterized by the steps of receiving said additional signal, interacting therewith another two-level signal substantially identical with said further two-level signal to produce a facsimile signal substantially like said first two-level signal, and recording said last-mentioned facsimile signal.

## REMARKS

Claims 2, 3, and 4 have been amended to meet the Examiner's objections thereto.

The form of Claim 8 has been improved; it is believed that the invention is claimed distinctly in view of the state of the art of combining electric signals.

Claim 9 and new method Claims 11 and 12 appear not to be functional. Not only are no mechanical limitations to be found in the claims, but each step is susceptible of performance by several different known apparatuses.

Reconsideration and favorable action are requested.

Respectfully,

WILLIAM F. FRIEDMAN, Applicant

By           HMS