

I N T H E  
U N I T E D S T A T E S P A T E N T O F F I C E

IN RE: Applicant	*		
WILLIAM F. FRIEDMAN	*		
Serial Number	*	Division	16
478,193	*	Recd	305
Filed	*		
6 March 1943	*		
For	*		
SYSTEM FOR ENCRYPTING	*		
FACSIMILE	*		
* * * * *	*		

AMENDMENT

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

Sir:

This is in response to Patent Office action of 16 October 1943  
in the above identified application.

The case is being prosecuted under the three-year rule.

Please amend as indicated below.

**IN THE SPECIFICATION:**

Page 5, line 24 - Insert the following paragraph:

It will be understood that, whereas the foregoing description calls for the transmission of a signal when one only of the coils 14 and 15 is energized, the apparatus will function just as well and achieve just as great privacy if rearranged slightly, as by giving an opposite bias, a normal closed condition, to switch 24-25. In such case, of course, a signal will be transmitted whenever coils 14-15 are in the same condition instead of when they are in different conditions.

*Filed  
14 Oct 1946 ✓*

## IN THE CLAIMS:

Claim 1, line 4 - After camouflage cancel "element" and insert  
- facsimile message - .

line 9 - Cancel "be controlled" and insert - control a  
switching element - .

line 11- Cancel "element" and insert - facsimile  
message - .

line 13- Cancel "receiver" and insert - switch - .

Claim 2, lines 3- Cancel "a camouflage element" and insert  
and 4  
- means for camouflaging a facsimile message - .

line 5 - Cancel "element" and insert - message - .

line 10- Cancel "be controlled" and insert - control a  
switch - .

line 11- Cancel "element" and insert - message - .

line 14- Cancel "receiver" and insert - switch - .

Claim 3, line 4 - Cancel "element" and insert - message - .

line 9 - Cancel "be controlled" and insert - control  
a switch - .

line 10- Cancel "element" and insert - message - .

line 12- Cancel "receiver" and insert - switch - .

line 13- Cancel "receiver" and insert - switch - .

Claim 4, lines 11- Cancel the expression "be controlled" and  
and 12  
insert - control a switch - .

line 15- Cancel "receiver" and insert - switch - .

Claim 5 - Before the period insert - by adding thereto  
another facsimile transmission - .

Claim 10 - Cancel

## REMARKS

With regard to Paragraph 1 of the Patent Office action, it is admitted that it is immaterial whether signals are transmitted when both of coils 24-25 are energized and not transmitted when only one is energized or vice versa. The amendment to page 5 of the specification is directed to this matter.

Claims 1, 2, and 3 have been amended to specify that the second (excipbering) circuit of the claims is controlled by a second fastible signal, thereby differentiating from Pierce, 1,312,574.

Claims 1, 2, 3, and 4 have also been amended to overcome the rejection for indefiniteness, all claims now including *MECHANICAL* (rather than *mechanical*) operated in either of two positions.

The amendment to Claim 8, pointing out that secrecy in the transmission is achieved by adding to the one signal a second non-sinusoidal transmission avoids Balin, 1,697,366, and Jenkins, 1,763,358, the first of which patents provides variable speed signals from a single picture plane upon a drum revolving erratically rather than constantly, and the second of which patents utilizes a signal based on a succession of picture elements which are substantially displaced from each other instead of in normal continuity.

Reconsideration is requested.

Respectfully,

WILLIAM F. FRIEDMAN, Applicant

By W. F. F. W. F. F.  
His Attorney