

*Recorded Signals*

1st Memo Ind.

Washington, D. C., December 17, 1936 - To: O.I.G., Research and Development Division, OCSigO.

1. Upon the occasion of the recent visit by the undersigned to the Signal Corps Laboratories, this matter was discussed with laboratories personnel, with the result that the proposed system appears more feasible than was formerly thought by them. It was also brought out that it is possible that the system might have distinct military applications, especially in view of the increase in use of radiotelephony.

2. For the foregoing reason, it is requested that this case be resubmitted to the Signal Corps Patents Board for reconsideration of previous action.

Harrod G. Miller,  
Captain, Signal Corps.

William F. Friedman.

Attached (no change)

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4 Capt. R&D  
Miller

I have discussed this matter with a qualified engineer who gave an opinion that magnetization can be added algebraically on a steel tape. Contingent upon the correctness of this, I believe the system is theoretically sound and practically possible.

6-20-36

Recommend that patent application be filed.

H.G.Miller

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Y

1 R&D WP&T For your information and comments.

L.H.J. 6-6-36

2 WP&T Mr. Friedman  
&  
Capt. Miller For comment  
in turn

H.L.P.K.

6-11-36

3 Mr. Friedman  
1. I do not feel qualified to go further into operating  
Capt. details, and am not in a position to offer experimental data  
Miller other than those in the literature and in certain reports of  
the Signal Corps Laboratories.

2. By the time the patent can be prepared and issued,  
advances in the art may obviate the difficulties referred to.  
In this connection, I understand that great advances have  
been made in the art in the past several years, especially  
by the Western Electric and Bell Telephone Laboratories.

6-11-36

3. Therefore, despite questions regarding practicability  
of the proposed system and admitted difficulties inherent  
therein, it is recommended that patent application be filed  
as soon as practicable.

W.F.F.