

SIGNAL CORPS PATENT BOARD

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MEETING NO. 35

1. The Board met at 10:00 A.M., April 7, 1942, in Room 2042, Building "A", with the following present:

Lieutenant Colonel Will V. Parker, Signal Corps (Plant Div.)
 Major Donald K. Lippincott, Signal Corps (Legal Div.)
 Major Lloyd D. Leman, Signal Corps (Photo. Div.)
 Captain Melvin N. Abramovich, Signal Corps (Aircraft Radio Div.)
 1st Lieutenant William A. Hewlett, Signal Corps (Gen. Dev. Div.)

2. The purpose of the meeting was to consider the following inventions and to make recommendations for their disposition:

✓a-Fixed Mast Antenna for Aircraft, by Mr. George L. Haller, Signal Corps, Aircraft Radio Laboratory.

✓b-Hetrodyned X-Ray Oscillator, by Corporal Paul E. H. Gornaley, C.W.S., Edgewood Arsenal, Md.

✓c-Centrifugal Fluid Switch, by Mr. Alex. I. Bronwick, Signal Corps Laboratories.

✓d-Communication Device, by Private Mayer L. Oppenheimer, Signal Corps Officers Candidate School.

✓e-Method of Determining Ground Speed, by Captain Leo Mackta, Dental Corps, Fort Dix, N.J.

✓f-Infra-Red Scanning Device, by Mr. Charles W. Axel, Rock Island Arsenal.

✓g-Constant Voltage Generator, by Mr. Samuel D. Mason, Signal Corps Laboratories.

✓h-Connectors for Radio Tubes, by Mr. Harry Trees and Mr. Charles E. Morris, Signal Corps Laboratories.

✓i-Variable Condensers, by Mr. Ralph W. Armstrong, Signal Corps Radar Laboratory.

✓j-Phase Measuring Device, by Mr. G. W. James, Signal Corps Laboratories.

✓k-Frequency Control System, by Mr. William S. Marks, Jr., Signal Corps Laboratory.

✓l-Extended Radio Range Receivers, by Mr. James Lazetti, Signal Corps Laboratories.

✓m-Sub-Aqueous Microphone, by Mr. William R. MacLean, Signal Corps Laboratories.

✓n-Ultra Violet Ray Meter, by Mr. Lawrence Cranburg, Signal Corps Laboratories.

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✓o-Transformers, by Mr. Lawrence Cranburg, Signal Corps Laboratories.

✓p-Extensible Antenna Matching Device, by Mr. George L. Haller, Signal Corps Aircraft Radio Laboratory.

✓q-Telephone Support, by Mr. Doris C. Harleman, Wright Field, Air Corps.

✓r-New Type Rotor (Cryptographic Purposes), by Captain Leo Rosen, Signal Corps, Signal Intelligence Service.

✓s-Field Splice, by 1st Lieutenant Nelson Moore, Signal Corps, Legal Division.

✓t-Aerial Torpedo Chaser, by Private Leonhard Katz, 70th Tank Bn., Ft. Bragg, N.C.

3. The Board finds:

a-That the inventions described in Paragraphs 2a, 2h, 2k, 2p and 2r have sufficient military value to warrant prosecution of patent applications by the War Department.

b-That the inventions arose in connection with and as a result of the official duties of the inventors. There was no specific designation to invent the things described in Paragraphs 2a, 2h, 2k, 2p and 2r.

c-That the inventors desire to obtain patents under the provisions of AR 850-50.

d-That the inventions, except those mentioned in Paragraphs 2r and 2t need not be kept secret.

e-That the inventions of Captain Leo Rosen, Paragraph 2r, and Private Leonhard Katz, Paragraph 2t should be kept secret.

4. The Board recommends:

a-That a patent not be obtained at Government expense on the inventions mentioned in Paragraphs 2a, 2b, 2c, 2d, 2f, 2g, 2i, 2l, 2m, 2n, 2o, and 2q.

b-That patents be obtained at Government expense on the inventions mentioned in Paragraphs 2a, 2h, 2k, 2p and 2r.

c-That action on the invention of Mr. Ralph Armstrong, Variable Condensers, Paragraph 2i, be deferred pending receipt of more information as to its uses and circuits.

d-That action on the invention of 1st Lieutenant Nelson Moore, Field Splice, Paragraph 2s, be deferred pending a field test.

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e-That the invention of Private Leonhard Katz, Aerial Torpedo Chaser, Paragraph 2t, is forwarded to Radar and Aircraft Radio Branch for study.

f-There is no objection to the inventors listed in Paragraphs 2a, 2b, 2c, 2d, 2f, 2g, 2i, 2j, 2m, 2n, 2o, and 2q applying for patents at their own expense, if they so desire.

g-That the inventors mentioned in Paragraphs 2a, 2h, 2k, 2p and 2r will not enter into agreements with manufacturers without complying with the regulations of the Chief Signal Officer pertaining to such agreements.

Bill V. Parker.

Bill V. Parker,
Lieutenant Colonel, Signal Corps
Member

Donald K. Lippincott

Donald K. Lippincott,
Major, Signal Corps
Chairman

Lloyd D. Lelian

Lloyd D. Lelian,
Major, Signal Corps
Member

Melvin N. Abramovich.

Melvin N. Abramovich,
Captain, Signal Corps

William R. Hewlett

William R. Hewlett,
1st Lieutenant, Signal Corps
for

James D. O'Connell
Lt. Col., Signal Corps

for
Tom C. Rives
Col., Signal Corps
Member

APPROVED April 11th, 1942.

Dawson Ollstead

DAWSON OLLSTEAD
Major General,
Chief Signal Officer of the Army