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APR 23 1917
NEW YORK

THE AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

33 West 39th Street, New York

PERSONAL CLASSIFICATION SHEET

Read pages 2, 3 and 4 before filling out this blank

Please return this sheet with your data, even if you have filled out similar blanks for other organizations



Name in full Auld Blake D Date 11/26 1917
(Surname) (First name) (Second name)

Mail address Southwestern Bell Telephone Co.
St Louis Mo.
(Number) (Street) (City) (State)

Telegraph address Address Telephone No. Olive 12000 Married? Yes Dependents? yes
(If widower answer no.)

Occupation or position Transmission & Protection Engineer

Name of employer Southwestern Bell Tel Co.

Location St Louis Mo.

Kind of business Electrical

Birth: Year 1882 Country U.S. When naturalized? _____

Citizen of what country? U.S.

Physical condition Good

Education { Common School yes High School yes College University of Kansas Course Elec. Year graduated 1905
(Name of College) Degree

Member of what engineering and technical societies? A. I. E. E.

What foreign languages do you speak? None Fluently? — Read —

In what countries have you resided and what years? U.S. only

In what countries traveled extensively? None

What military or naval training? None

Are you in active service or reserve? No Rank? _____

Member of what war committees? _____

Please review carefully pages 2, 3 and 4, and enter in the following spaces brief descriptions and symbols of the leading specialties in which you have had considerable experience. For example, the symbols for an inspector of underground electrical transmission systems would be "A7, B12, Fa 1b."

Specialties in which you have had greatest experience <small>(This table is for indexing purposes)</small>	Symbols of Specialties
<u>12 years in the various branches of Telephone Engineering</u>	<u>A7</u> <u>E 1 to 4 inc.</u>

Other Specialties

INDUSTRIAL AND PROFESSIONAL EXPERIENCE

Check (✓) each division in which you have had sufficient experience to be of service. Use blank spaces as needed.

A BRANCHES OF ENGINEERING.

- | | | | |
|---------------------------|--------------------------|---------------------------|------------------------------------|
| 1 Aeronautics | 10 Hydraulic | 19 Military | 28 Railroad |
| 2 Automotive | 11 Illuminating | 20 Mining | 29 Safety, Fire Prevention |
| 3 Architecture | 12 Marine | 21 Municipal | 30 Telegraph, Telephone (see E1-6) |
| 4 Ballistics | 13 Mathematics | 22 Naval Architecture | |
| 5 Chemical | 14 Mechanical | 23 Navigation | 31 Welfare Work |
| 6 Civil | 15 Metallurgy | 24 Patent Law | |
| 7 Electrical | 16 Metallography | 25 Power | 32 |
| 8 Gas | 17 Machine Shop Practice | 26 Public Utility Service | |
| 9 Heating and Ventilating | 18 Mill (Textile, etc.) | 27 Physics | |

B POSITIONS HELD IN "A".

Check the most important positions you have held, and follow by number of the branch checked under "A."

For example, a consulting heating and ventilating engineer should mark the list below as follows:

"✓ 2 Consulting Engineer A9."

- | | | | |
|--------------------------------------|--------------------------|---------------------------|---------------------|
| 1 Appraiser | 8 Erecting Engineer | 17 Operating Engineer | 28 Teacher |
| 2 Consulting Engineer | 9 Estimator | 18 Organizing Engineer | 29 Testing Engineer |
| 3 Constructing Engineer | 10 Executive, general | 19 Production Engineer | 30 Works Manager |
| 4 Contractor | 10a Foreman | 20 Publicity Engineer | 31 Writer |
| 4a Department Manager | 11 Industrial Engineer | 21 Purchasing Agent | |
| 5 Designer of Apparatus or Machinery | 12 Inspector | 22 Rate Setter | |
| 5a Designer of Plant | 13 Laboratory Chief | 23 Research Engineer | 32 |
| 5b Economist | 13a Laboratory Assistant | 24 Sales Engineer | |
| 6 Draftsman | 14 Manufacturer | 25 Sales Manager | |
| 7 Editor | 15 Master Mechanic | 26 Specification Engineer | 33 |
| | 16 Office Executive | 27 Superintendent | |

RECORD OF EXPERIENCE.

Please give below an account of your engineering and technical experience, bringing out in particular any line in which you are especially proficient.

Give approximate dates of your experience in each case—this is most important.

B17 / 130 Transmission & Protection Eng. (Southwestern Bell Tel. Co.)

Continue on a separate sheet if necessary.

INDEXING SCHEDULE

EXPERIENCE IN DETAIL

Check each subdivision in which you have had experience, adding subdivisions and sub-subdivisions as needed.

Your entries in the following schedule are for indexing purposes.

- | | | | |
|--|---|--|-------------------------------------|
| C AGRICULTURAL MACHINERY AND IMPLEMENTS
(Including Farm Tractors and the Application of Electricity) | G FUELS AND COMBUSTION
(See also Q, Oil and Gas Supply) | I MACHINERY AND TOOLS (Continued) | K INDUSTRIAL MACHINERY |
| 1 | 1 Coal | 6 Forge Shop Equipment
(See also N) | 1 Cement |
| 2 | 2 Coke | a Steam and Air Hammers | 2 Dairying |
| | 3 Low-grade Fuels | b Bulldozers | 3 Flour-milling |
| | 4 Blast-furnace and Coke-oven Gas | c | 4 Mining and Ore-dressing |
| | 5 Producer Gas | | 5 Paper and Pulp |
| | 6 Boiler Furnaces | 7 Welding Equipment | 6 Logging |
| | a Stokers | a Electric | 7 Saw-mill |
| | b | b Oxy-acetylene | 8 Shoe |
| | | c | 9 Sugar |
| | 7 Industrial Furnaces | | 10 Textile |
| | 8 Oil-burning Equipment | | 11 Wood-working |
| | 9 Powdered-fuel Equipment | | 12 |
| D AVIATION | 10 | J ENGINEERING MACHINERY | 13 |
| 1 Aeroplanes | | 1 Air Machinery | 14 Specialty Machines |
| 2 Hydro-aeroplanes | | a Compressors | a Adding |
| 3 Balloons and Dirigibles
(Including Production of Hydrogen) | | b Pneumatic Tools | b Envelope |
| 4 Engines | | c Fans and Blowers | c Sewing |
| 5 Fuselages and Planes | | d Turbo-blowers | d Typewriters |
| 6 Parts and Instruments | | e | e Weighing |
| 7 | | 2 Pumps | f |
| | | a Centrifugal | |
| E COMMUNICATION | | b Direct-acting | |
| 1 Cables | | c Hydraulic-pressure | L MATERIALS |
| 2 Signal Systems | | d Pumping Engines | 1 Iron and Steel |
| 3 Telegraph | | e | a Cast Iron |
| 4 Telephone | | | b Malleable Iron |
| 5 Radio | | 3 Refrigerating | c Wrought Iron |
| 6 Light Rays | | a Ice Making | d |
| 7 | | b Cold Storage | e Alloys |
| | | c | f Cast Steel |
| F ELECTRICAL APPARATUS | | 4 Hoisting and Conveying | g High-speed Steel |
| See also I-7, M5, N-4, R-4, S-1, U & Z | | a Conveyors | h Steel Castings |
| 1 Generators | | b Cableways | i Structural Steel |
| 2 Motors and Converters | | c Cranes and Hoists | k Manufactured Product
(See L-5) |
| 3 Transformers | | d Elevators and Escalators | l Cold-drawn Steel |
| 4 Lamps (see Ha) | | e Pneumatic Tube Systems | m |
| 5 Batteries | | f | |
| 6 Controlling Devices | | 5 Mining | 2 Non-ferrous Metals |
| 7 Magnets and Solenoids | | a Boring | a Alloys |
| 8 Switchboards | | b Draining | b Aluminum and Magnesium |
| 9 Heaters | | c Dredging | c Antimony, Bismuth, and Cadmium |
| 10 Rectifiers | | d Excavating | d Brass and Bronze |
| 11 | | e Hydraulic | e Chromium and Manganese |
| | | f Quarrying | f Copper |
| Fa ELECTRICAL TRANSMISSION AND DISTRIBUTION | | g Tunnelling | g Gold and Silver |
| 1 Transmission Systems | | 6 Chemical Plant Equipment | h Iron and Steel |
| a Overhead | | a Evaporators | i Lead |
| b Underground | | b Drying Apparatus | j Mercury |
| 2 Distributing Systems | | c | k Nickel and Cobalt |
| a Overhead | | 7 Fire Extinguishing Machines | l Platinum Metals |
| b Underground | | a Sprinklers | m Radium and Uranium |
| 3 Circuit Protection | | b Engines | n Silicon and Titanium |
| 4 Wiring of Buildings and Ships | | c Chemical | o Sodium |
| 5 Wires and Cables | | d | p Tin |
| 6 | | | q Tungsten |
| | | | r Zinc |
| | | | s |

INDEXING SCHEDULE

(Continued)

L MATERIALS (Continued)

- 3 Non-Metals
 - a Abrasives
 - b Asbestos
 - c Belting Materials
 - d Insulating Materials
 - e Lubricating Oils
 - f Carbon Products
 - g Concrete, Reinforced Concrete
 - h Timber
 - i
- 4 Chemicals
 - a Acids, Alkalies and Salts
 - b Alcohol and Acetone
 - c Ammonia
 - d Analytical Chemistry
 - e Barium Compounds
 - f Cement, Lime (see L-3)
 - g Coke and Tar
 - h Dyes and Textiles
 - i Explosives (high)
 - j Explosives (black powder)
 - k Fats and Soaps
 - l Fertilizers
 - m Foods
 - n Glass and Ceramics
 - o Inorganic Chemicals
 - p Nitrogen (synthetic)
 - q Organic Chemicals (other than b)
 - r Paints and Varnish
 - s Petroleum and Asphalt
 - t Pharmaceuticals
 - u Pyrotechnics
 - v Rubber and Allied Substances
 - w Sugar, Starch, and Gums
 - x Toluol, Benzol
 - y Wood Products
- 5 Supplies
 - a Bolts and Nuts
 - b Brass Products
 - c Pipe and Fittings
 - d Tubes
 - e Wire
 - f

M MEASURING AND TESTING APPARATUS

- 1 Calipers and Gages
- 2 Pressure Gages
- 3 Flow Meters
- 4 Dynamometers
- 5 Electrical Instruments
- 6 Pyrometers
- 7 Recording Instruments
- 8 Testing Machines
- 9 Weighing Apparatus
- 10 Photometers

11

N METALLURGICAL EQUIPMENT

- (For Heat-treatment, etc., see Z)
- 1 Foundry Equipment (Specify what equipment)

a

N METALLURGICAL EQUIPMENT (Continued)

- 2 Iron and Steel Works Equipment
 - a Blowing Engines
 - b Coke oven (including by-product) Equipment
 - c Rolling Mill Equipment
 - d
- 3 Forging Equipment
 - a Forging Presses
 - b
- 4 Electric Furnace

O MUNICIPAL AND COMMUNITY

- 1 Pavements and Roads
- 2 Sewerage and Water Supply
- 3 Irrigation

P MUNITIONS

- 1 Artillery
- 2 Machine Guns
- 3 Rifles
- 4 Side Arms
- 5 Explosives
- 6 Shells
- 7 Fuses
- 8 Cartridges
- 9 Aircraft Bombs
- 10 Torpedoes
- 11 Mines
- 12 Grenades

13

Q GAS MANUFACTURE AND SUPPLY

- 1 Coal Gas Plant
- 2 Water Gas Plant
- 3 Pintsch Gas Plant
- 4 Distribution System
- 5 Lamps (see Ha)

6

Qa OIL AND NATURAL GAS SUPPLY

- 1
- 2 Natural Gas Wells Equipment
- 3 Natural Gas Distribution
- 4 Oil Well Equipment
- 5 Oil Distribution
- 6 Oil Refining
- 7 Lamps (see Ha)
- 8

R POWER GENERATION

- 1 Steam Power and Plant Equipment (For Furnaces see G)
 - a Boilers
 - b Superheaters
 - c Economizers
 - d Feedwater Heaters
 - e Engines

R POWER GENERATION (Continued)

- f Turbines
- g Condensers
- h Piping, Valves and Fittings
- j Steam Specialties
- k
- 2 Gas Power and Plant Equipment
 - a Gas Producers
 - b Blast Furnace and Coke-oven Gas Equipment
 - c Gas Engines
 - d Oil Engines
 - e Gasoline Engines
 - f High-speed Gasoline Engines

g

3 Hydraulic Power and Plant Equipment

- a Turbines

b

4 Electric Light and Power

- a Central Stations
- b Isolated Plants

c

- d Substations

S POWER TRANSMISSION

- 1 Electric
 - a Motor Drive
 - b Motor Control

c

2 Belt Transmission

- a Shafting
- b Pulleys

c

3 Rope Transmission

4 Chain Transmission

- 5 Gearing
 - a Reduction Gearing

b

T SHIPS

- 1 Merchant Ships and Transports (Specify wood or steel)
- 2 Warships
- 3 Patrol Boats
- 4 Small Boats, Yachts
- 5 Submarines
- 6 Trawlers and Mine Sweepers

7

U STRUCTURES AND BUILDINGS

- 1 Foundations
- 2 Factories
- 3 Tanks
- 4 Power Houses
- 5 Docks, Dikes, Levees
- 6 Bridges
- 7 Dams

8

U TRANSPORTATION

- 1 Animal
- 2 Automobiles (Specify whether gasoline, electric or steam)
 - a Pleasure Cars
 - b Road Tractors
 - c Trucks
 - d Motor Cycles
 - e Motors
 - f Accessories and Parts
- g
- 3 Railway, Electric
 - a Maintenance of Way
 - b Valuation
 - c Trolley Cars
 - d Gasoline-electric Cars
 - e Car Barns and Sheds
 - f Electrolysis Prevention

g

4 Railroad, (Steam or Electric) (Specify whether steam or electric)

- a Maintenance of Way
- b Cars
- c Locomotives
- d Brakes
- e Locomotive Terminals and Equipment
- f Signals

g

5 Railroad, Industrial

6 Marine

- a Bders
- b Oiburning Equipment
- c Steam Engines
- d Oil and Gasoline Engines
- e Turbines
- f Electric Drive
- g Propellers
- h Steering Gear

j

7 Canal

- a Electric

b

W

X

Y

Z MANUFACTURING AND SPECIAL PROCESSES

- 1 Machine Shop Processes
- 2 Cement Manufacture
- 3 Paper Manufacture
- 4 Textile Manufacture
- 5 Electrochemical
- 6 Electrometallurgical
- 7 Special Processes (Please add any processes with which you have had experience)
 - a Dynam Balancing
 - b Die Casting
 - c Heat Treatment
 - d Metal Finishing
 - e Wood Preservation
 - f Lamp Manufacture
- 8