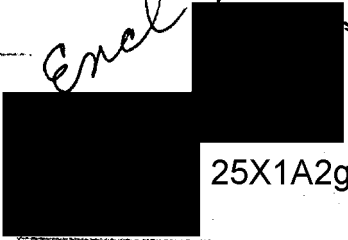


~~SECRET CONFIDENTIAL RESTRICTED~~

NOTE

25X1A2g

*Encl. to*



25X1A2g

THIS ENVELOPE  
CONTAINS AN  
INTELLIGENCE  
DOCUMENT WITH  
ENCLOSURES  
ATTACHED

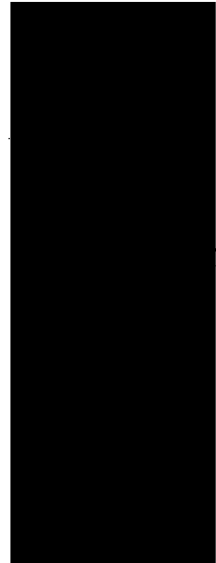
PLEASE KEEP THE

ENCLOSED MATERIAL IN THIS ENVELOPE WHEN IT IS NOT BEING USED.

CHECK ENCLOSURES OF DOCUMENT UPON RECEIPT AND BEFORE FORWARDING.

OR R  
ROLLING

25X1A9a



~~SECRET~~

Sanitized - Approved For Release CIA-RDP83-00423R000900190003-9

East German Patents - Class 21 (Electrical)

- 418 Process for production of getters for vacuum tubes.  
Pure barium is used.
- 692 Cable connector.
- 696 Fastening between line insulator and its support
- 971 Fluorescent lamp with interference protection.  
The heated cathode is surrounded by a metal shield which is connected to a condenser in turn connected to one side of the line.
- 1063 Automobile headlight.  
The reflector may be dimmed from without by sliding cloudy discs through slots in the reflector.
- 1064 Process for impregnating and hardening loud-speaker membranes.  
A solution of a polymerizable resin is used. After the solvent evaporates, the resin left in the fibers is polymerized.
- 1065\* Recording peak voltmeter.  
A glow tube and a photosensitive strip is used.
- 1066 Electrical machine with cooling fins on the stator.
- 1151 Apparatus for production of sound pressure for measuring purposes.
- 1152 Circuit for producing signals in carrier frequency systems.
- 1153\* Automatic frequency control.
- 1170\* Holder for piezoelectric crystals.  
Note: Zeiss - vested in people.
- 1171\* Holder for piezoelectric crystals.  
Note: Zeiss - vested in people.
- 1173\* Water tight plastic seal.  
Note: West German holder.
- 1205 Vibration absorbing mounting for acoustical vibrators.
- 1236 Automatic means for sealing off glass tubes at predetermined pressure.
- 1237 Annealing oven for glass tubes.
- 1238 Continuation of 1237.
- 1241 Automatic control for arc welding.  
(A thermal relay cuts off the welding current when desired temperature is reached.)

~~SECRET~~

Sanitized - Approved For Release CIA-RDP83-00423R000900190003-9

~~SECRET~~

Sanitized - Approved For Release CIA-RDP83-00423R000900190003-9

- 2 -

- 1242\* Centrifugal switch for motors with starting windings.
- 1245\* Measuring power and wattless currents.  
Arrangement using a voltage sensitive lamp and a stroboscope.
- 1246 Cable connector.
- 1302\* Vibration proof relay.  
The relay is polarized when current is passing.
- 1363\* Remote control switches.
- 1459\* DC amplifier.  
DC is inverted to AC, amplified by AC, and then rectified.
- 1517 Amplifier with multiple feedback.
- 1518\* Photosensitive resistor and process for making same.
- 1519 Process for sealing conductors into quartz tubes.  
The metal is cooled while the sealing takes place.
- 1569\* Fluid cooled hollow coil.  
The apparatus supplying the cooling material is made the same potential as the coil.
- 1571 Amplifier with double feedback.
- 1572 Cooling fins for automobile generators.
- 1626\* Inductance.  
The need for liquid impregnation is avoided by winding in thermo-plastic layers which are subsequently heated.
- 1669\* Image convertor tube.
- 1670 Bell operated by AC for telephones.
- 1742 Adjustable lamp.
- 1743 Hot cathode fluorescent lamp.
- 1744\* Means for regulating galvanic current.  
Overbiased pentode is used to maintain constant current with a varying load.
- 1745 Sunlamp.
- 1814\* Constant voltage DC source.
- 1816 Wire wound potentiometer.

1817

Sanitized - Approved For Release CIA-RDP83-00423R000900190003-9

~~SECRET~~  
Security Information

~~SECRET~~

Sanitized - Approved For Release CIA-RDP83-00423R000900190003-9

- 3 -

- 1821 Contact strip.
- 1822 Process for outgassing and filling electric discharge tubes.
- 1823 Spacer for conductors in cables.
- 1826\* Broad band transformer.
- 1827\* Piezoelectric oscillator.  
Two or more crystals are used.
- 1886 Circuit for high pressure electric discharge tubes.
- 1929 Pulse forming circuits.  
Multivibrator circuits.
- 2010 High voltage coil for current transformer.
- 2011 Circuits for fluorescent lamps.
- 2012 Diathermy apparatus.
- 2013 Control device for X-ray apparatus.  
Cuts off after predetermined number of milliamperes seconds.
- 2015 Means for controlling radiation in health lamps.
- 2016\* Pressure condenser for measurement purposes.
- 2017 Dimmer for automobile headlights.
- 2018 Process and apparatus for producing electric furnace electrodes continuously.
- 2019 Fluorescent lamp starter.
- 2020 Electric furnace.
- 2023 Diathermy apparatus.
- 2025 Fluorescent lamp start and run circuits.  
Modification of patent number 1817.
- 2026 Fluorescent lamp starting circuit.
- 2028 Fluorescent lamp start and run circuits.
- 2029 Fluorescent lamp start and run circuits.
- 2030 Fluorescent lamp start and run circuits.
- 2031 Fluorescent lamp start and run circuits.

Sanitized - Approved For Release ~~SECRET~~ CIA-RDP83-00423R000900190003-9

Security Information

~~SECRET~~  
Security Information

- 2036 High frequency air cored choke.  
Made with parallel windings with provision for air cooling between them.
- 2038\* Heavy duty, high voltage resistor.  
Made like a high voltage cable, but with a spiral resistance winding instead of the conductor.
- 2042 Signaling arrangement for AC telegraphy.
- 2043\* Multi-layer solenoid.  
Shielding arrangements.
- 2044 Transformer or coil with variable flux density.  
An auxiliary magnetic circuit controls the flux, in these coils for use in lamp circuits.
- 2045 Hearing aid.  
A second microphone so that the hearer can hear himself talk.
- 2244 Signaling arrangement in carrier current apparatus.
- 2247 Loudspeaker magnet arrangement.
- 2360 Remote control for amplifiers.
- 2362\* Transformer arrangement.  
Low power transformer regulates a large one.
- 2364 High pressure mercury vapor lamp.
- 2492 Stereoscopic X-ray apparatus.
- 2497 Teletypewriter.
- 2501 Circuits for detection in carrier current telegraphy.
- 2504 X-ray tube.
- 2506 Short wave apparatus.  
Tuning circuits.
- 2510\* X-ray tube.  
Window of beryllium carbide or silicon carbide.
- 2513 Diathermy apparatus.
- 2522\* Time delay relay.
- 2523\* Time delay relay.
- 2525\* Process for manufacture of a stacked condenser.

~~SECRET~~  
Security Information

~~SECRET~~

Sanitized - Approved For Release ~~Security Information~~ CIA RDP83-00423R000900190003-9

- 5 -

- 2526 Terminal for lead storage battery.
- 2528 Paper membrane for loudspeaker.  
Selected areas are impregnated with soft resin.
- 2628 Tongue arrangement for magnetic vibrator.
- 2629 Connecting in circuit elements in telegraphy.
- 2630 Conductor sealed in quartz.
- 2631 Process for sealing metals in quartz.  
Any tungsten used is oxidized on the surface.
- 2795 Impregnating loudspeaker diaphragms.
- 2796 Voltage divider.

~~SECRET~~

Sanitized - Approved For Release ~~Security Information~~ CIA RDP83-00423R000900190003-9