

DATE: 11-14-2017

JFK Assassination System
Identification Form

Date: 4/27/201

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DATE: 11-14-2017

SAC, Chicago (92-350-E)
REC- 35

August 28, 1962

Director, FBI (62-9-~~89~~) *1059*

JUNE

TOP HOODLUM PROGRAM
CHICAGO DIVISION
CG 6486-C*

Reurlet 8-20-62.

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Referenced letter requested advice of the FBI Laboratory concerning use of a simplex circuit to enable operation of two MITES on a selective basis over the same telephone line.

A simplex circuit can be used with a polar relay for the control of two MITES. Circuit for this is the same as that appearing as Figure 6, page 35, of the Handbook of Technical Equipment, except that the transformers are omitted and the circuit is established through one side of the line to ground. Experience has shown that the unbalanced condition created by establishment of a control circuit in this manner may introduce noise into the microphone line.

Switching of two MITES on one line can be more easily accomplished by the use of diodes which are smaller than the polar relay and much more easily concealed. There is attached a diagram showing method of using diodes. It is recommended that this circuit be utilized in preference to the simplex circuit as it is simpler to install and will not introduce noise into the microphone line.

Enclosure

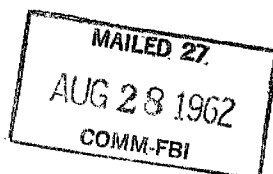
1 - [80-791] (S)

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MAIL ROOM ☒ TELETYPE UNIT ☐CLASSIFIED BY 5668 SLD/KSR
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DATE: 11-14-2017

OPTIONAL FORM NO. 10
5010-104

UNITED STATES GOVERNMENT

Memorandum

TO : DIRECTOR, FBI

DATE: 8/20/62

FROM : SAC, CHICAGO (92-350 Sub E)

ATTN: FBI LABORATORY
ELECTRICAL SECTIONSUBJECT: TOP HOODLUM PROGRAM
CHICAGO DIVISION
CG 6486-C*JUNE

At the present time Chicago is operating a MITE approximately 14 miles distant from the Consolidated Plant. Only one trunk line is available for this installation, but it would be highly desirable to locate a second MITE in an adjacent room and be able to select that MITE which is most productive at the time.

It is pointed out that some line noise though not objectionable is prevalent in the circuit due to the distance involved and it would be highly undesirable to add to this noise ratio.

The Laboratory is requested to advise if a Simplex circuit could be utilized to select one of two audio circuits where MITEs are utilized. If so, how can damage to these units be avoided? If a Simplex circuit can be utilized in the aforementioned installation, the Laboratory is requested to furnish a detailed schematic outline along with any helpful observations as it is pointed out the Chicago Division has not utilized Simplex circuitry to date.

1 cc det. Elec. Sec.
2 - Bureau (RM)
2 - Chicago
1-134-44

LHN:mec
(4)

Letter
8/28/62
RAM:q
FEDERAL BUREAU OF INVESTIGATION
U.S. DEPARTMENT OF JUSTICE

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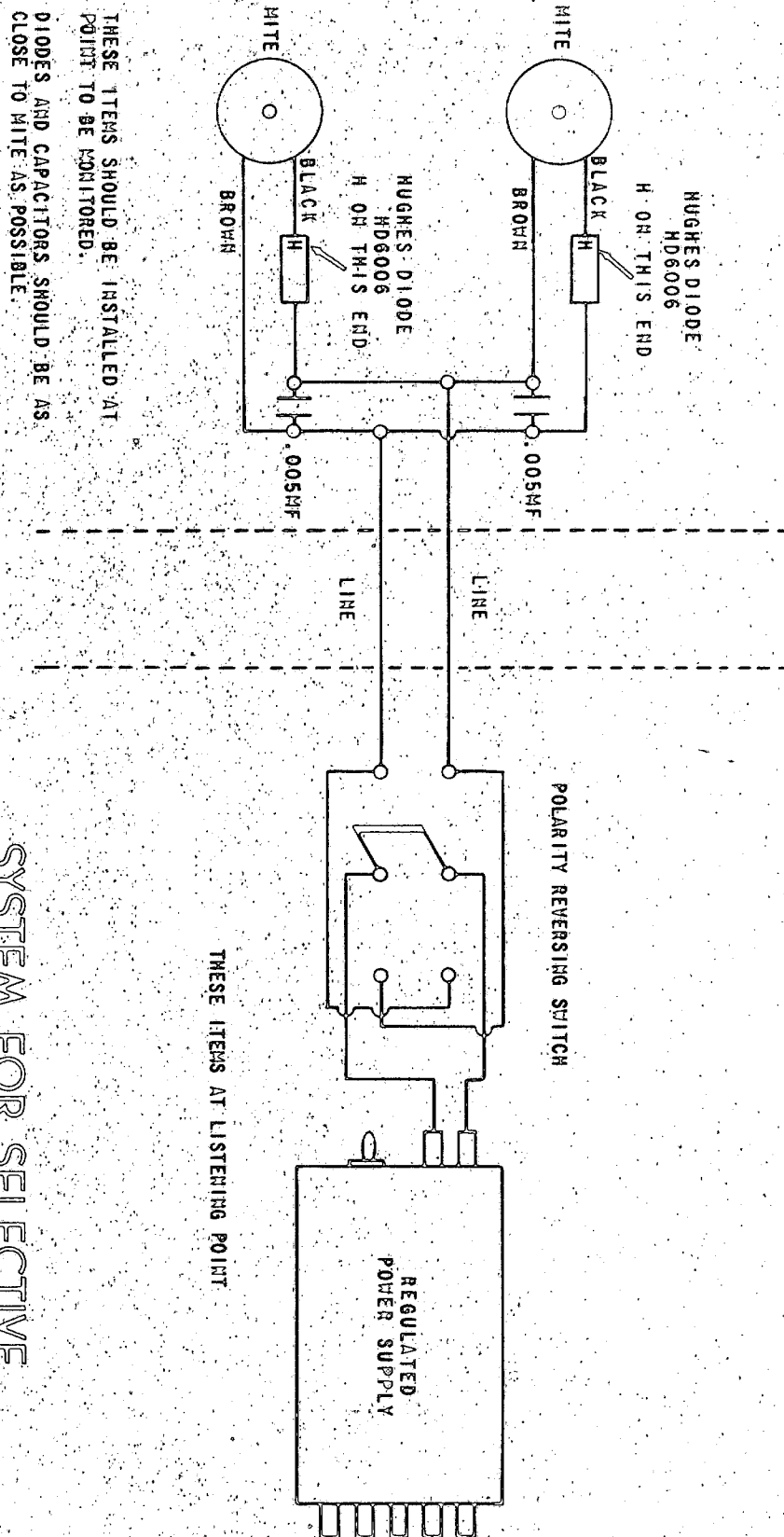
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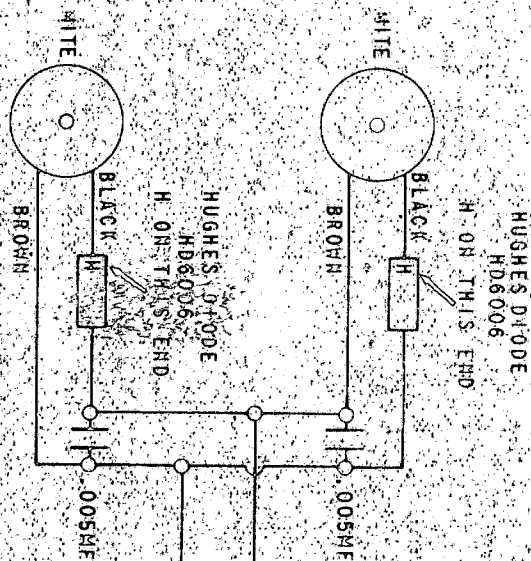
DATE: 11-14-2017



SYSTEM FOR SELECTIVE
OPERATION OF EITHER
OF TWO MITES OR MATES

DATE: 11-14-2017

THESE ITEMS SHOULD BE INSTALLED AT
POINT TO BE MONITORED.
DIODES AND CAPACITORS SHOULD BE AS
CLOSE TO MITE AS POSSIBLE.



LINE

LINE

POLARITY REVERSING SWITCH

THESE ITEMS AT LISTENING POINT

REGULATED
POWER SUPPLY

SYSTEM FOR SELECTIVE
OPERATION OF EITHER
OF TWO MITE OR MATES