

# Office Memorandum • UNITED STATES GOVERNMENT

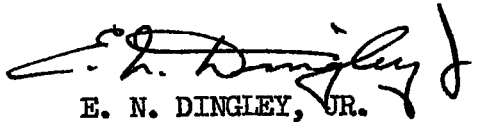
TO : Mr. W. F. Friedman, S/ASST

DATE: 8 September 1954

FROM : Mr. E. N. Dingley, Jr., R/D(30D)

SUBJECT: DUALEX Corporation

1. Mr. Haraden Pratt (previously telecommunications advisor to President Truman) is now Vice President of the DUALEX Corp., 600 Munsey Bldg., Washington, D. C.
2. DUALEX Corp. is a patent holding company and a promoter of new developments.
3. DUALEX is promoting the development of two teletypewriter systems under patents issued to James Durkee and a Mr. Gravett of Arkansas. They are:
  - a. PENTONE METHOD utilizing 5 simultaneous audio tones. The printer is a magnet operated slip printer and prints upon the cessation of the simultaneous tones that created the selection.
  - b. UNITONE METHOD utilizing a first tone having one of four possible frequencies followed, in time, by a second tone having one of eight possible frequencies none of which are the same as the first four.
  - c. A Selective Calling system based on the foregoing principles.
4. The typing apparatus of the slip printer is a cylindrical print-cylinder having both rotary and vertical motion.
5. Seven Pentones and two Unitones have been built by Bell and Gossett Co., Morton Grove, Illinois, whose Washington Representative is Oliver Johnson, 36 Oak Lane, Annandale, Va. (JE 3-7722). Bell and Gossett are large manufacturers of heating apparatus.
6. Two Pentones have been delivered to CIA.
7. A page printer is under development. It will comprise a standard typewriter with mechanical selection matrix added. The prototype is nearing completion and is designed for 120 words per minute.
8. A foreign holding company has been formed but, as yet, there are no foreign licensees.

  
E. N. DINGLEY, JR.  
Special Assistant to the Chief

cc: COM  
COMSEC