

- [54] **COMMUNICATIONS SYSTEM FOR ALPHANUMERIC INFORMATION EMPLOYING AUDIO TONE SIGNALLING**
- [72] Inventors: **James Loton Flanagan, Warren; James Hughes Kronmeyer, Jersey City; John Richard Nelson, Somerville, all of N.J.**
- [73] Assignee: **Bell Telephone Laboratories, Incorporated, Murray Hill, Berkeley Heights, N.J.**
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Primary Examiner—Kathleen H. Claffy
 Assistant Examiner—David L. Stewart
 Attorney—Guenther: R. J. and William L. Keefauver

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- [51] Int. Cl. H04m 11/00
- [58] Field of Search..... 178/25, 26 R, 26 A, 77, 78, 178/80, 81; 179/2 DP, 15 MM, 4, 2 C, 1 C, 84 UF; 340/336, 337, 349, 354, 171 R, 171 A, 171 PF

[57] **ABSTRACT**

A communications system for exchanging alphanumeric information between remote stations, employing station apparatus (e.g., modified typewriters) capable of generating and responding to an audio tone code. The system is compatible with use of a push-button telephone instrument as an alternative sending station.

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11 Claims, 12 Drawing Figures

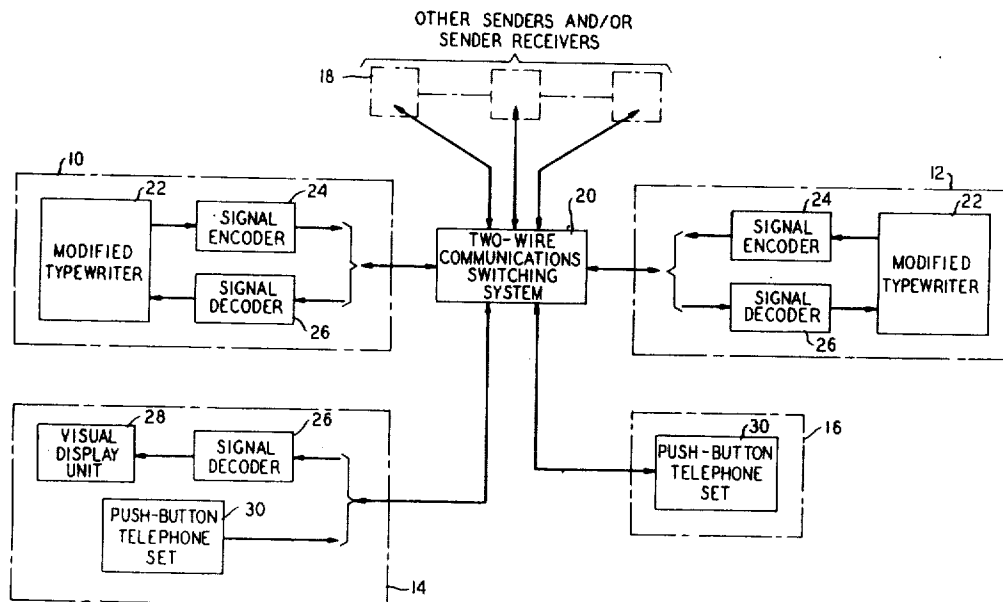
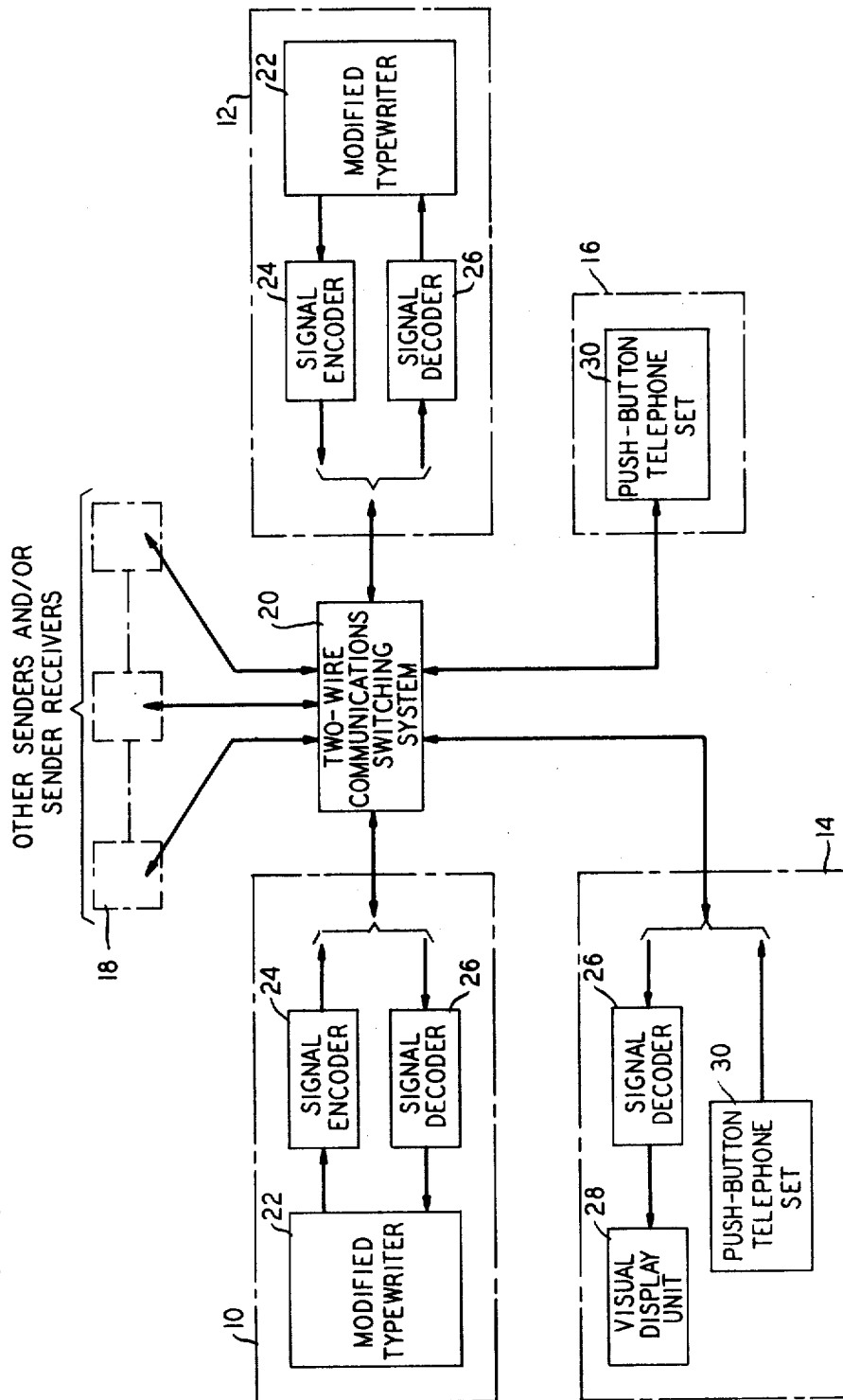


FIG. 1



J. L. FLANAGAN
 INVENTORS J. H. KRONMEYER
 J. R. NELSON

BY *Harold E. Murphy*
 ATTORNEY

FIG. 2

ALPHANUMERIC CHARACTER	CODING SEQUENCE
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
0	0
Q	1-0
Z	1-1-0
• (PERIOD)	1-1-1-0
A	2-0
B	2-2-0
C	2-2-2-0
D	3-0
E	3-3-0
F	3-3-3-0
G	4-0
H	4-4-0
I	4-4-4-0
J	5-0
K	5-5-0
L	5-5-5-0
M	6-0
N	6-6-0
O	6-6-6-0
P	7-0
R	7-7-0
S	7-7-7-0
T	8-0
U	8-8-0
V	8-8-8-0
W	9-0
X	9-9-0
Y	9-9-9-0
(CARRIAGE RETURN)	*-0
(ALPHABETIC MODE)	*-*-* [SPECIAL]
(SPACE)	#-0
(NUMERIC MODE)	##-##-## [SPECIAL]

NUMERIC MODE

ALPHABETIC MODE

FIG. 3A

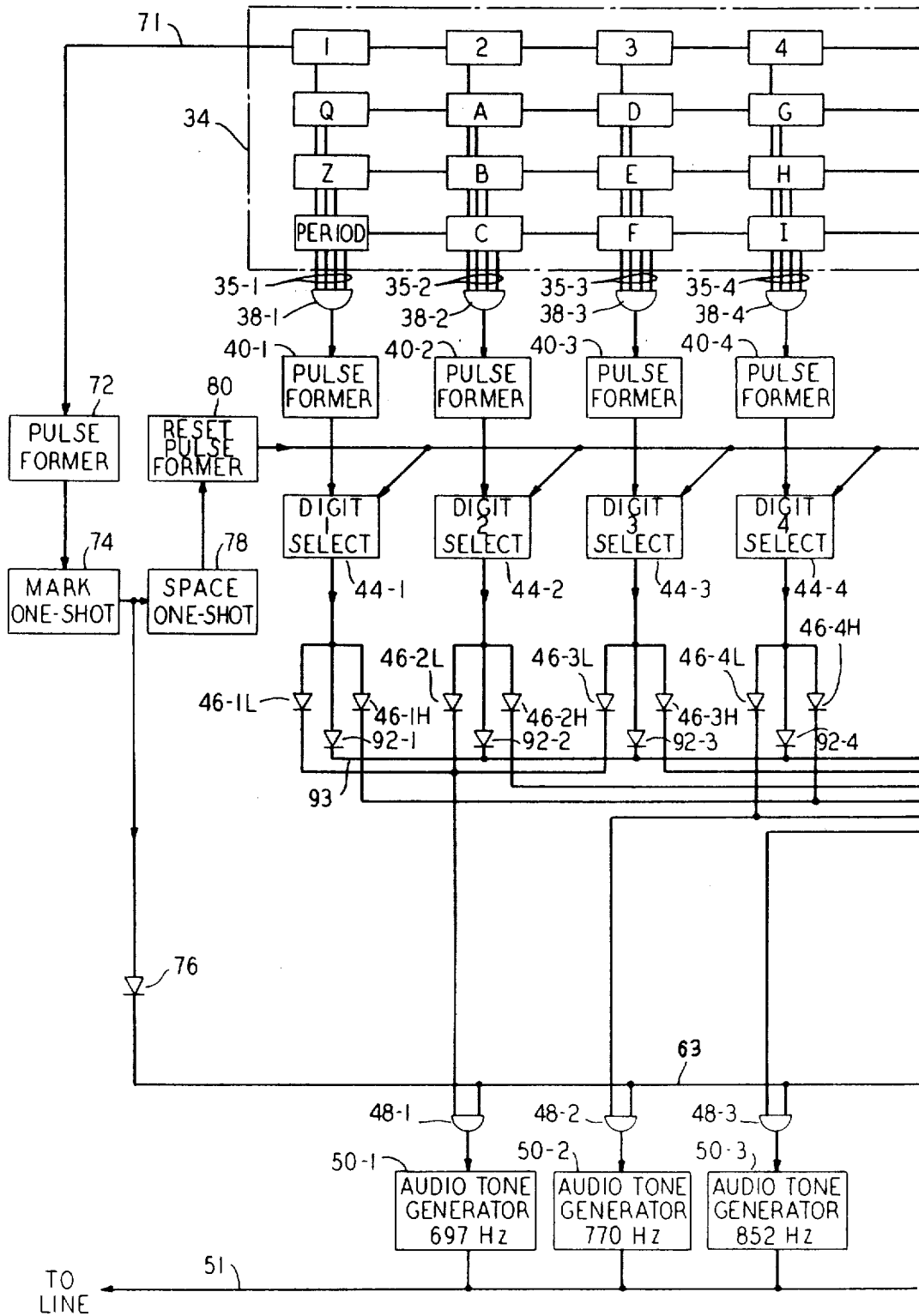
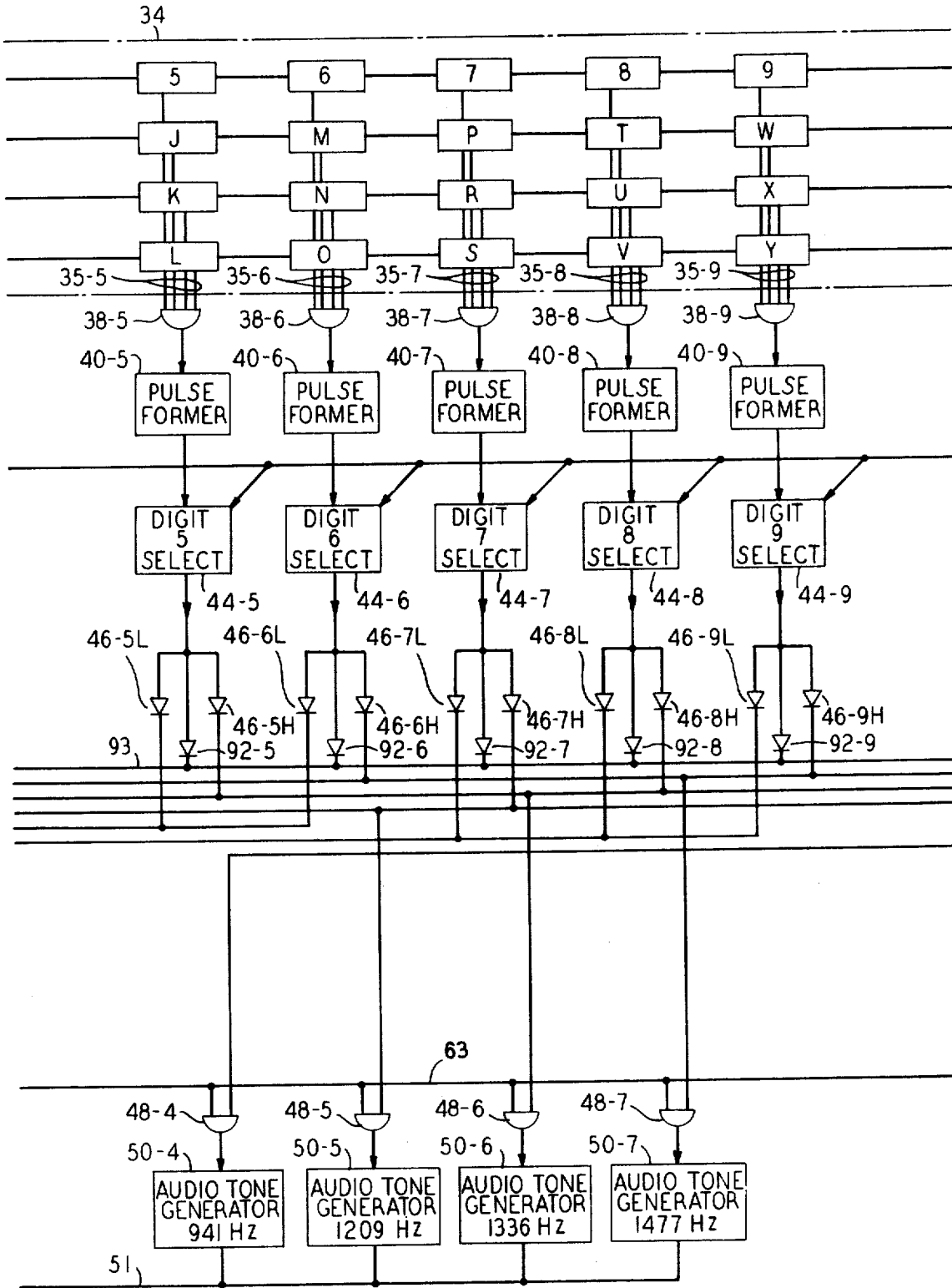


FIG. 3B



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