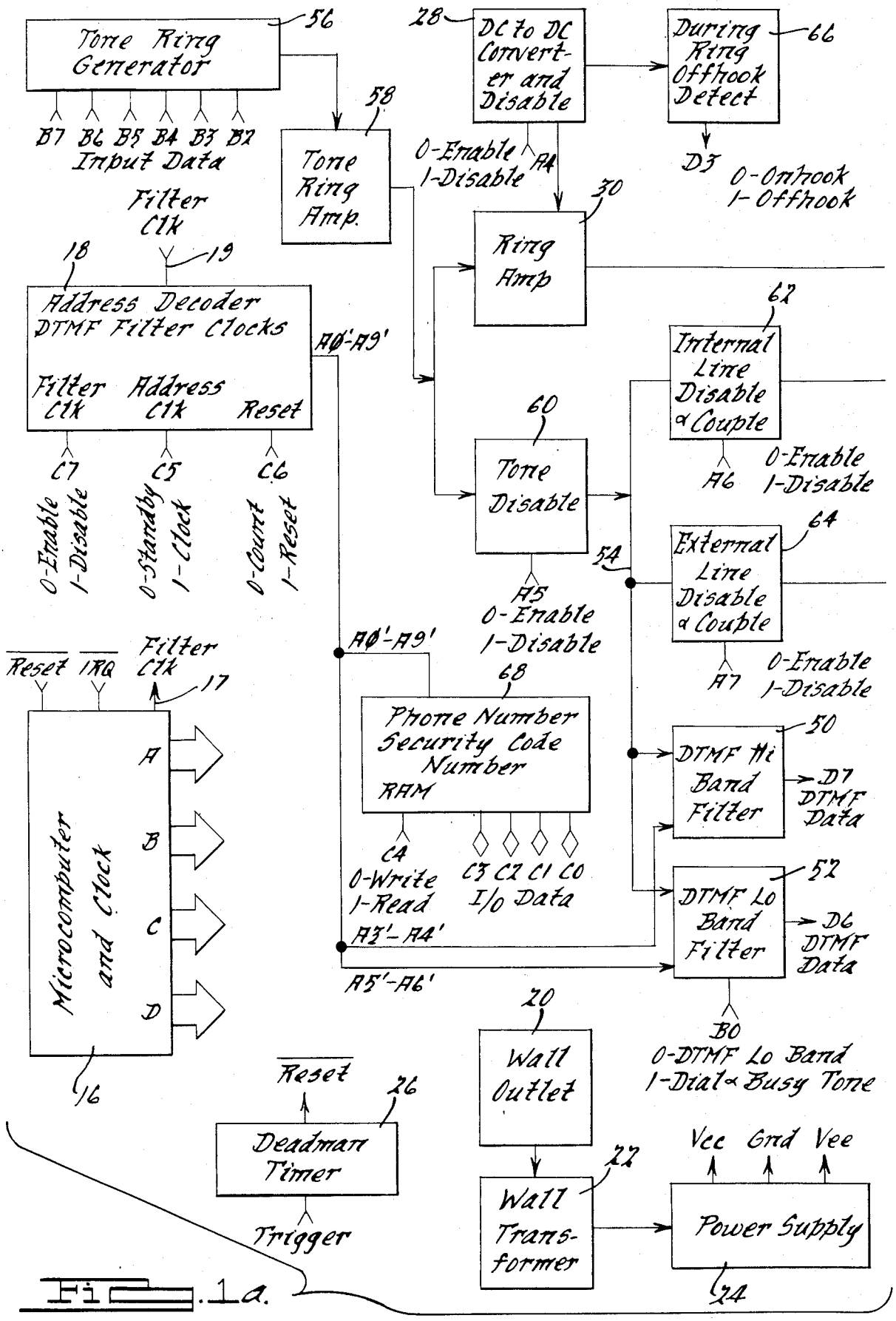
Tone Ring Generator
56
B7 B6 B5 B4 B3 B2
Input Data
Tone Ring Amp.
58
28
DC to DC Converter and Disable
During Ring Offhook Detect
66
D3
0-Onhook
1-Offhook
0-Enable
1-Disable
A4
30
Ring Amp
Filter Clk
19
18
Address Decoder
DTMF Filter Clocks
Filter Clk
Address Clk
Reset
A0'-A9'
C7
0-Enable
1-Disable
C5
0-Standby
1-Clock
C6
0-Count
1-Reset
62
Internal Line Disable & Couple
A6
0-Enable
1-Disable
60
Tone Disable
A5
0-Enable
1-Disable
54
External Line Disable & Couple
64
A7
0-Enable
1-Disable
Reset
IRQ
Filter Clk
17
Microcomputer and Clock
A
B
C
D
16
A0'-A9'
68
Phone Number Security Code Number RAM
C4
0-Write
1-Read
C3 C2 C1 C0
I/O Data
A3'-A4'
A5'-A6'
50
DTMF Hi Band Filter
D7
DTMF Data
52
DTMF Lo Band Filter
D6
DTMF Data
B0
0-DTMF Lo Band
1-Dial & Busy Tone
20
Wall Outlet
Reset
26
Deadman Timer
Trigger
22
Wall Transformer
Vcc Gnd Vee
Power Supply
24

Fig. 1a.