

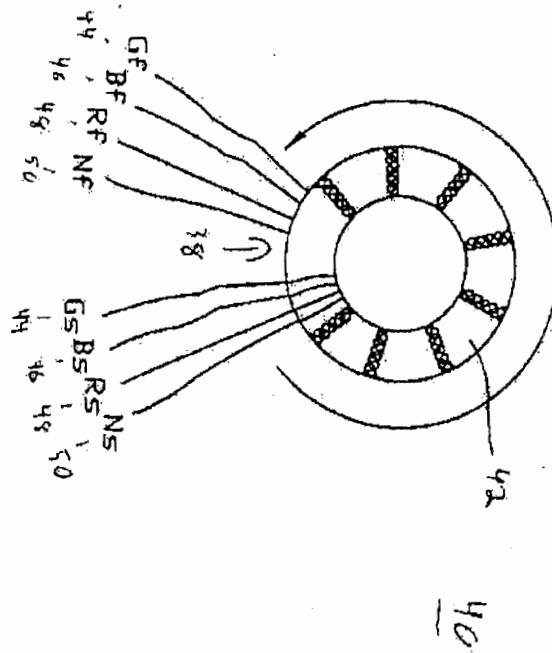


Fig. 1
Prior Art

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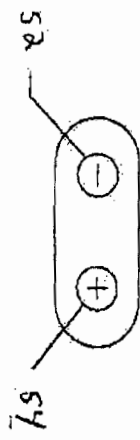


Fig. 2

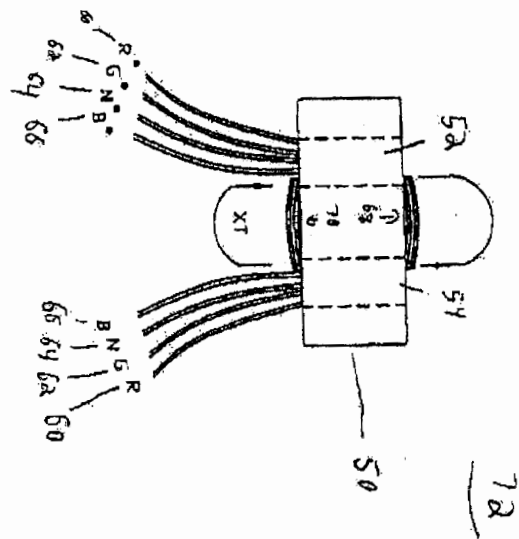
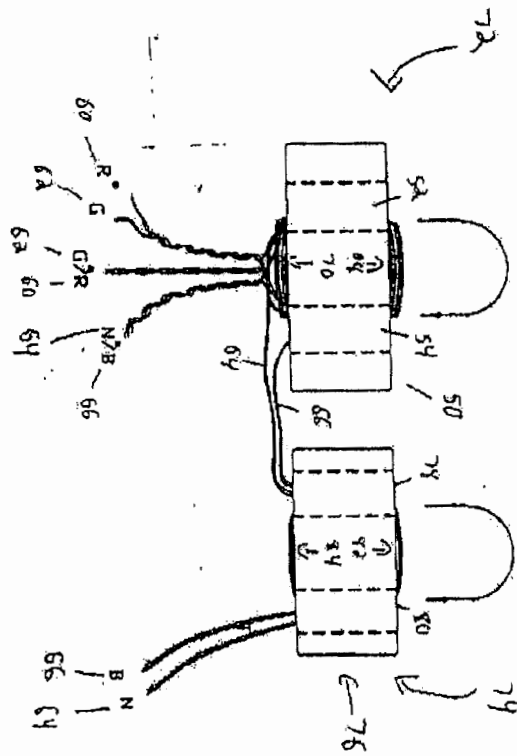


Fig. 3

Fig. 4



ELECTRICAL CHARACTERISTICS @ 25°C

TURN RATIO	(P3-P2) ; (J1-J2)	1 : 1 ±2%
	(P11-P10) ; (J3-J6)	1 : 1 ±2%
	(P14-P15) ; (J4-J5)	1 : 1 ±2%
	(P7-P6) ; (J7-J8)	1 : 1 ±2%
DCI @ 100kHz, 100mV RMS 8mA DC BIAS	(P3-P2) ; (P7-P6) ; (P11-P10) ; (P15-P14)	350 μ A MIN.
DC RESISTANCE	(J6-J3) ; (J2-J1) ; (J7-J8) ; (J4-J5)	1.2 ohms MAX.
RETURN LOSS, (RS=RL=100 ohms)		
1MHz TO 30MHz		-19dB MIN.
30MHz TO 60MHz		-13dB MIN.
60MHz TO 80MHz		-12dB MIN.
80MHz TO 300MHz		-10dB MIN.
300MHz TO 500MHz		-5dB MIN.
INSERTION LOSS		
100kHz TO 300MHz		-11 dB MAX
300MHz TO 500MHz		-3.5 dB MAX
CROSS TALK		
1-500 MHz		-30dB MIN.
COMMON TO COMMON MODE ATTENUATION		
1MHz TO 500MHz		TBD
DIFFERENTIAL TO COMMON MODE ATTENUATION		
1MHz TO 500MHz		TBD
DIELECTRIC WITHSTAND		1 TBD
(J1,J2) TO (P3,P2) ; (J4,J5) TO (P14-P15) ; 1500 VAC		
(J3,J6) TO (P11,P10) ; (J7,J8) TO (P7, P6) ; 1500 VAC		
LED 1		
V _F (FORWARD VOLTAGE)	IF=20mA	YELLOW 3.1V TYP.
λ_D (DOMINANT WAVELENGTH)	IF=20mA	YELLOW 590nm TYP.
LED 2		
V _F (FORWARD VOLTAGE)	IF=20mA	GREEN 2.2V TYP.
λ_D (DOMINANT WAVELENGTH)	IF=20mA	ORANGE 2.0V TYP.
		GREEN 565nm TYP.
		ORANGE 610nm TYP.

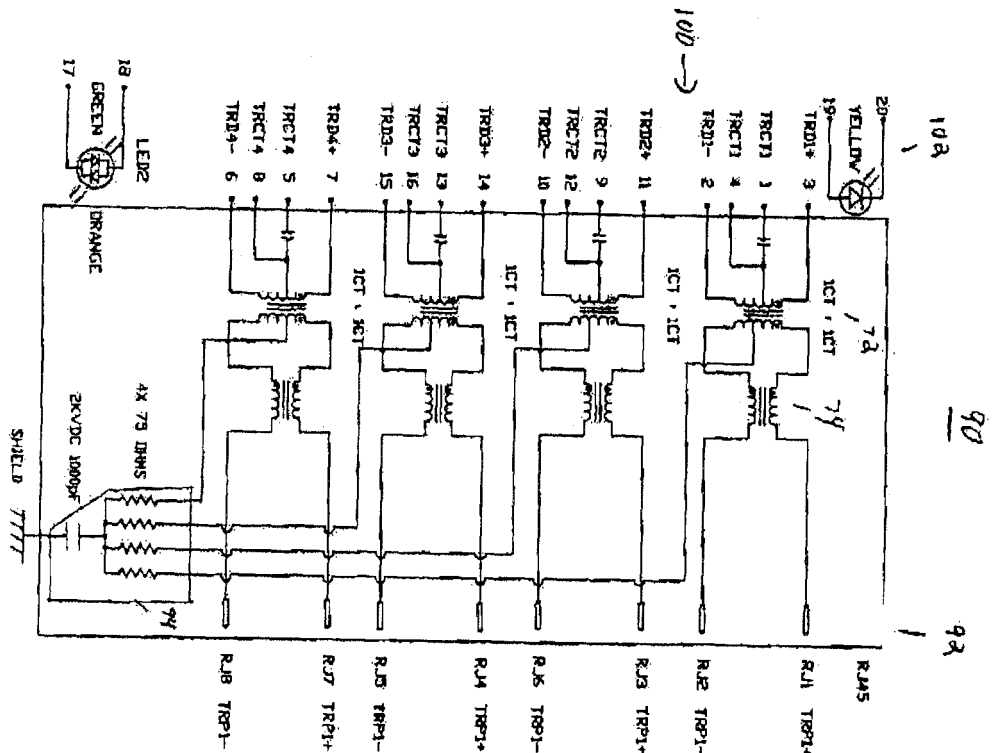


Fig. 5