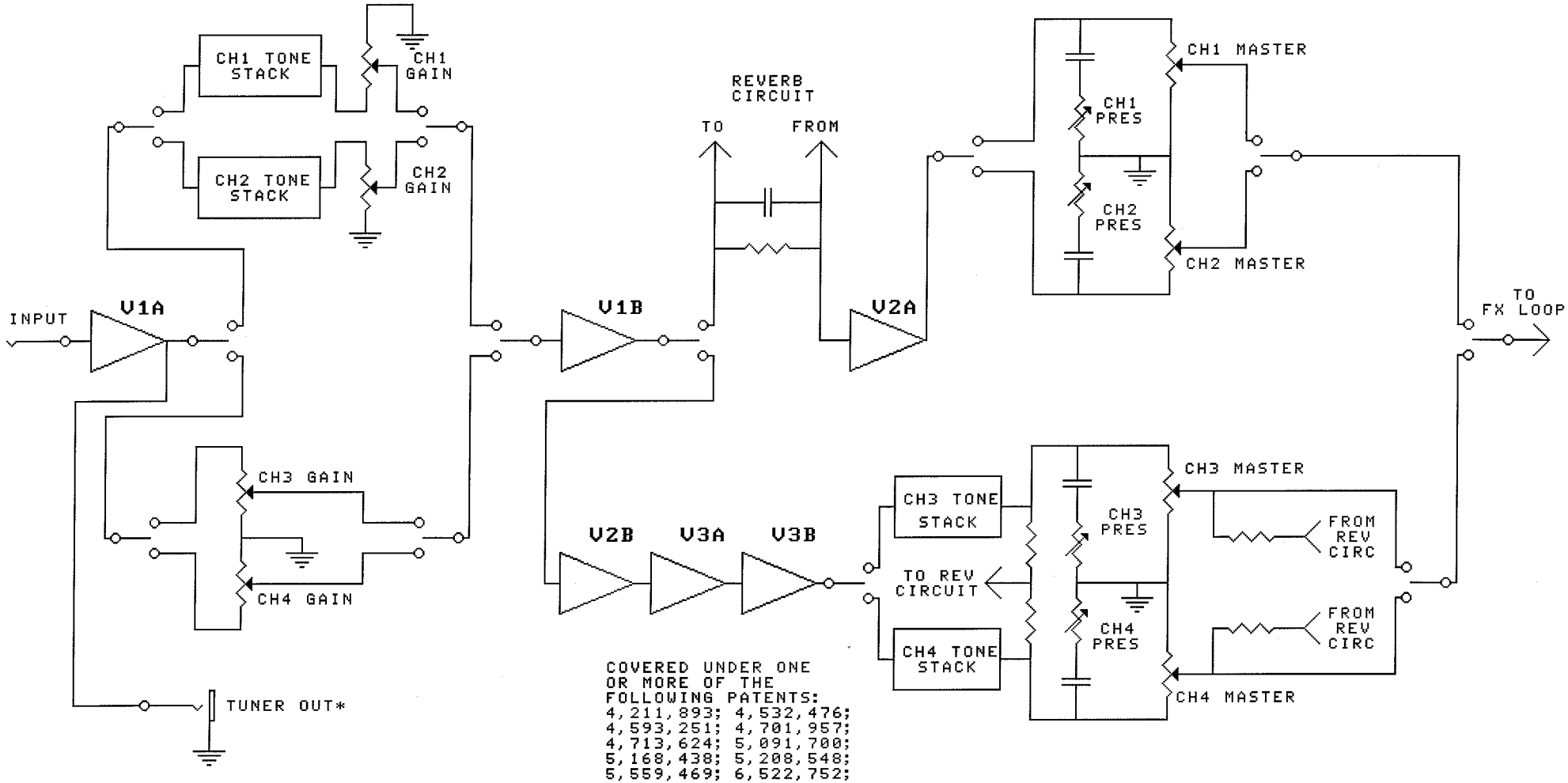

DUAL
Rectifier®
ROAD KING II™

MESA/BOOGIE
ROAD KING SERIES II
BLOCK DIAGRAM PT1

FILE: RKIIBLK.S01
DATE: 9/5/2006
DRAWN BY: JOHN M
PAGE: 1 OF 13
BOARD REV: RK8/RK9



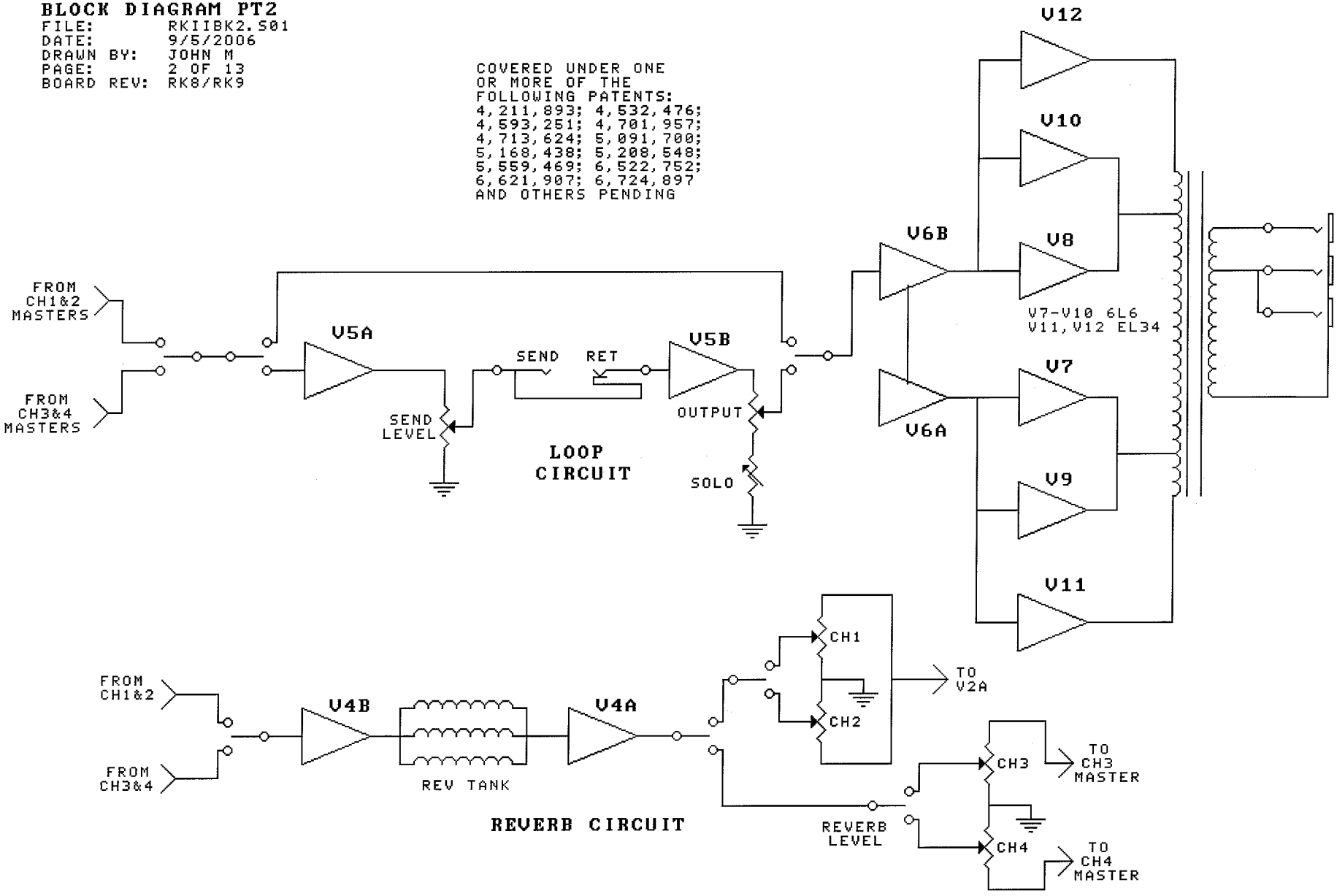
*RK9 BOARD REV

COVERED UNDER ONE OR MORE OF THE FOLLOWING PATENTS:
4,211,893; 4,532,476; 4,593,251; 4,701,957; 4,713,624; 5,091,700; 5,168,438; 5,208,548; 5,559,469; 6,522,752; 6,621,907; 6,724,897
AND OTHERS PENDING

MESA/BOOGIE
ROAD KING SERIES II
BLOCK DIAGRAM PT2

FILE: RKIIBK2.S01
DATE: 9/5/2006
DRAWN BY: JOHN M
PAGE: 2 OF 13
BOARD REV: RK8/RK9

COVERED UNDER ONE
OR MORE OF THE
FOLLOWING PATENTS:
4,211,893; 4,532,476;
4,593,251; 4,701,957;
4,713,624; 5,091,700;
5,168,438; 5,208,548;
5,559,469; 6,522,752;
6,621,907; 6,724,897
AND OTHERS PENDING

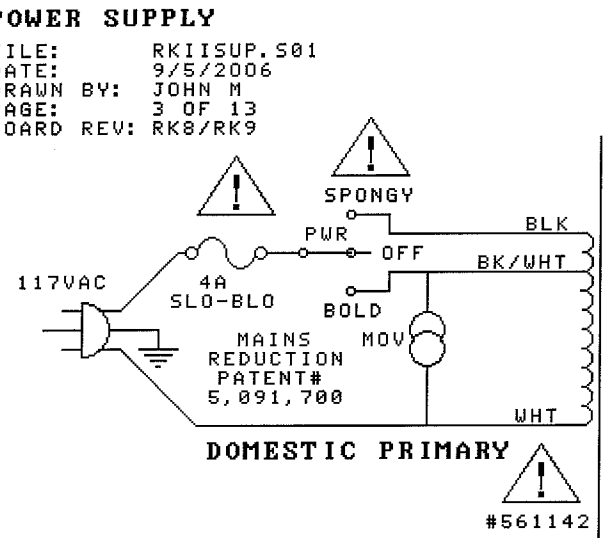


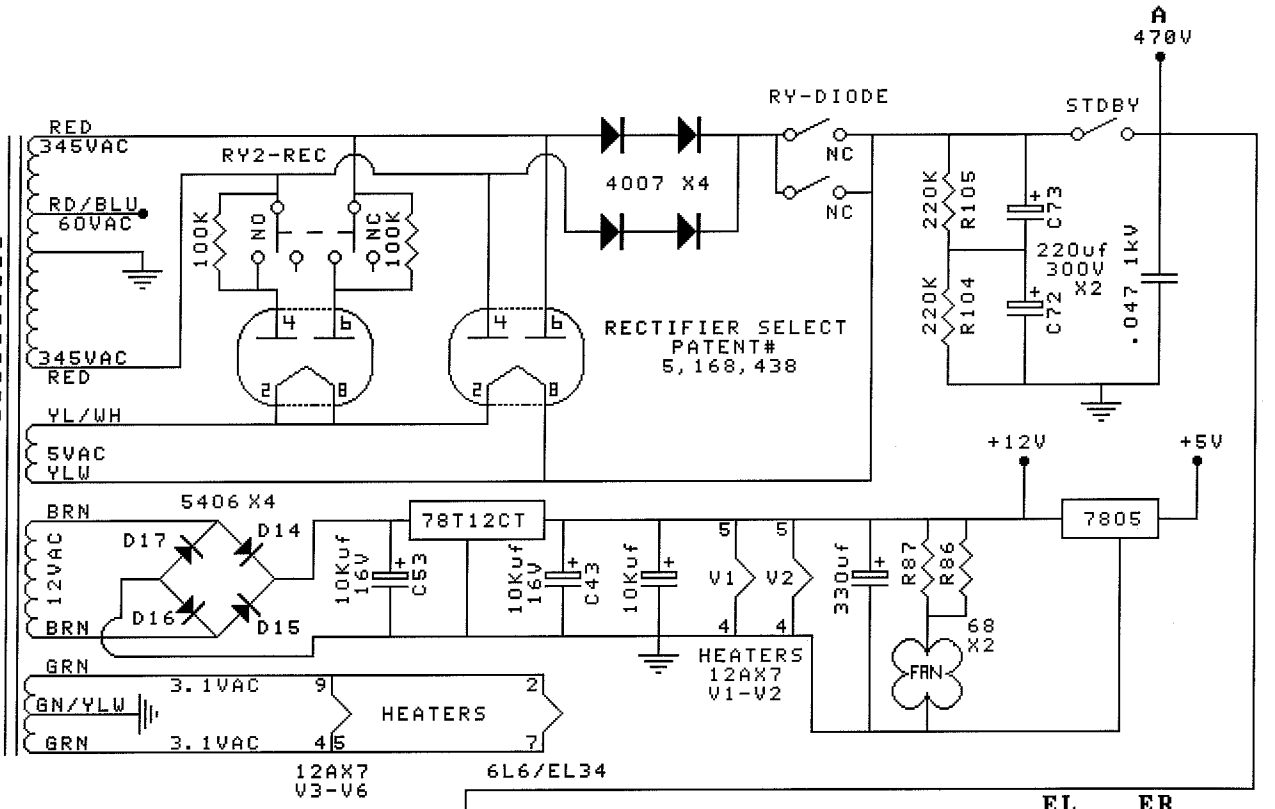
MESA/BOOGIE

ROAD KING SERIES II

POWER SUPPLY

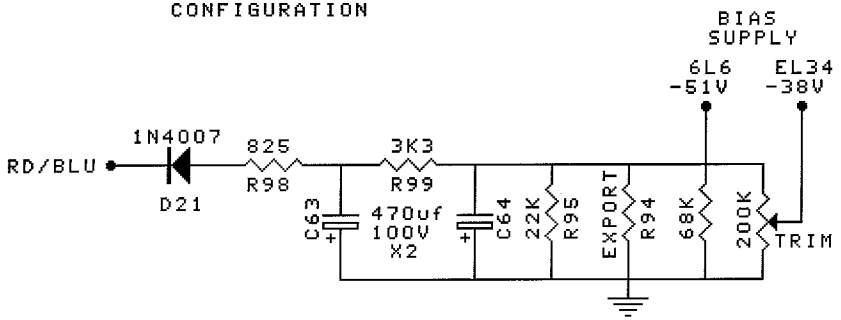
FILE: RKIISUP.S01
DATE: 9/5/2006
DRAWN BY: JOHN M
PAGE: 3 OF 13
BOARD REV: RK8/RK9

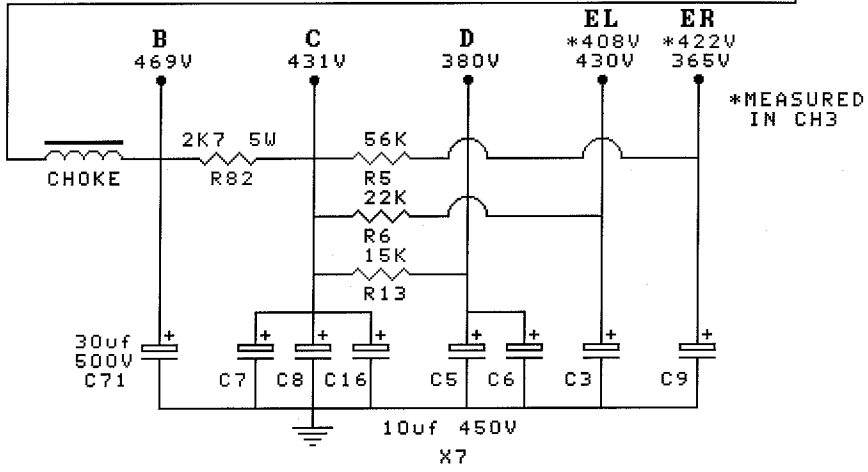




COVERED UNDER ONE
OR MORE OF THE
FOLLOWING PATENTS:
4,211,893; 4,532,476;
4,593,251; 4,701,957;
4,713,624; 5,091,700;
5,168,438; 5,208,548;
5,559,469; 6,522,752;
6,621,907; 6,724,897
AND OTHERS PENDING

VOLTAGES MEASURED
IN CH1,BOLD,DIODE,
46L6+2EL34
CONFIGURATION





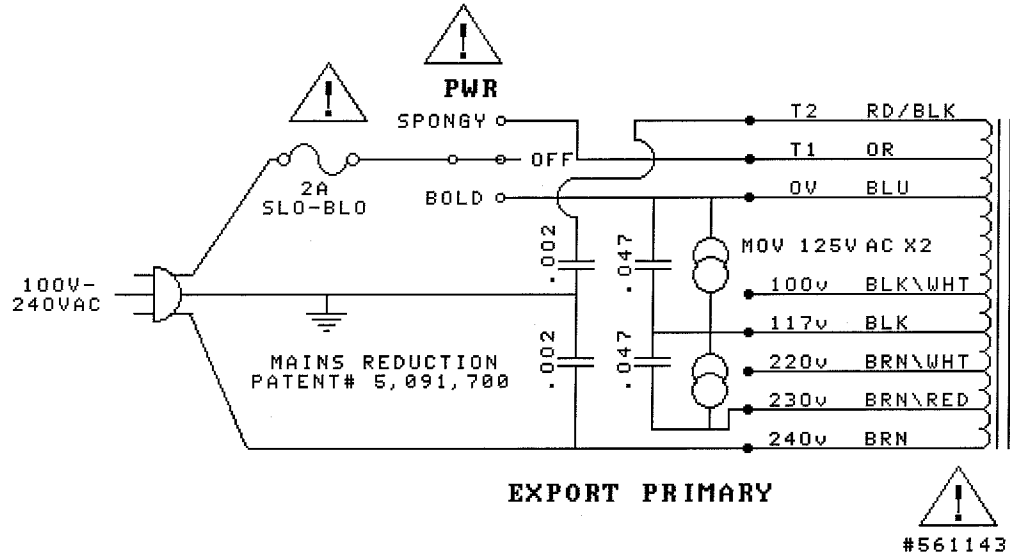
MESA/BOOGIE

ROAD KING SERIES II

POWER SUPPLY PT2

FILE: RKIISP2.S01
DATE: 9/5/2006
DRAWN BY: JOHN M
PAGE: 4 OF 13
BOARD REV: RK8/RK9

COVERED UNDER ONE
OR MORE OF THE
FOLLOWING PATENTS:
4,211,893; 4,532,476;
4,593,251; 4,701,957;
4,713,624; 5,091,700;
5,168,438; 5,208,548;
5,559,469; 6,522,752;
6,621,907; 6,724,897
AND OTHERS PENDING

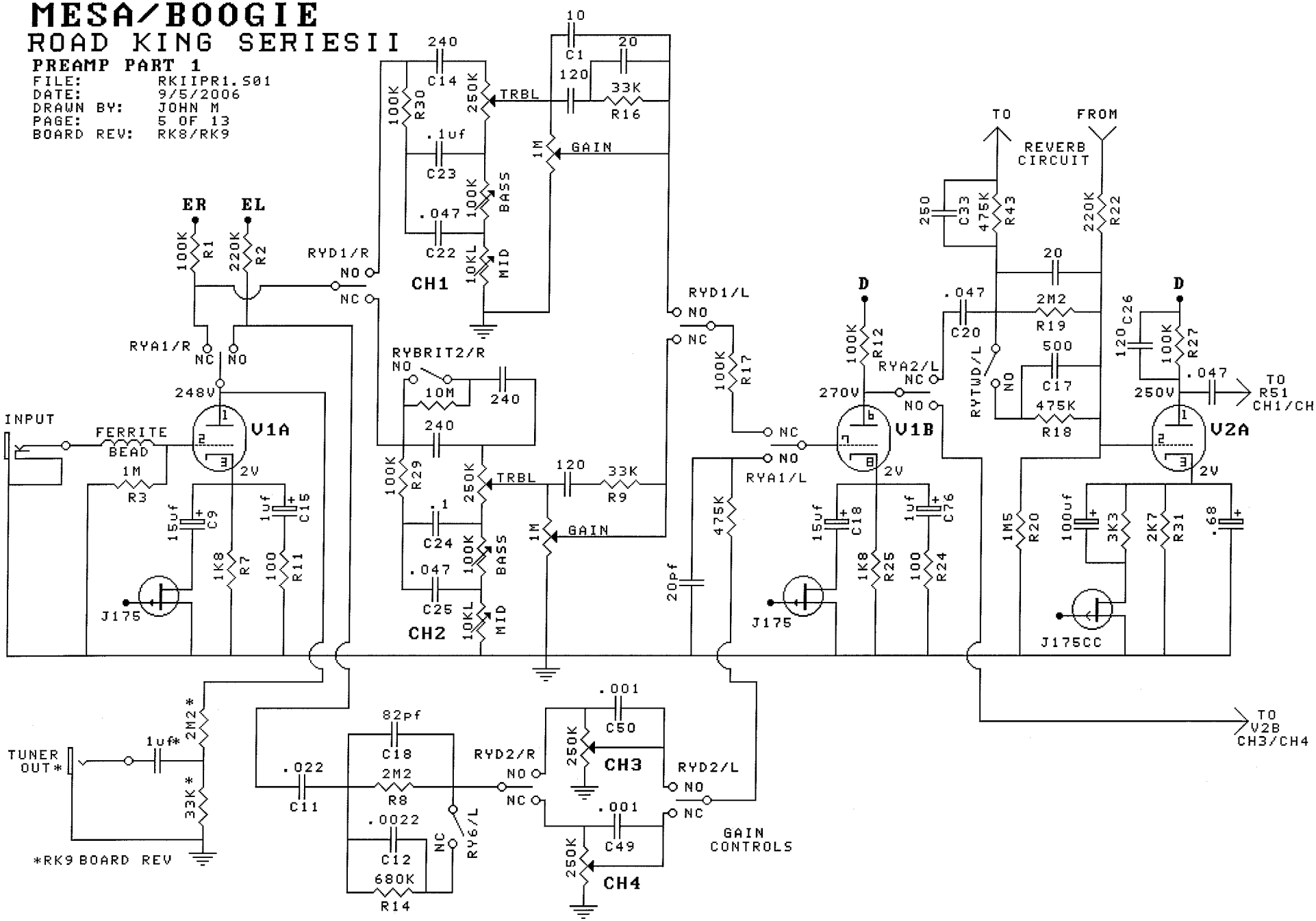


MESA/BOOGIE

ROAD KING SERIESII

PREAMP PART 1

FILE: RKIIPR1.S01
DATE: 9/5/2006
DRAWN BY: JOHN M
PAGE: 5 OF 13
BOARD REV: RK8/RK9

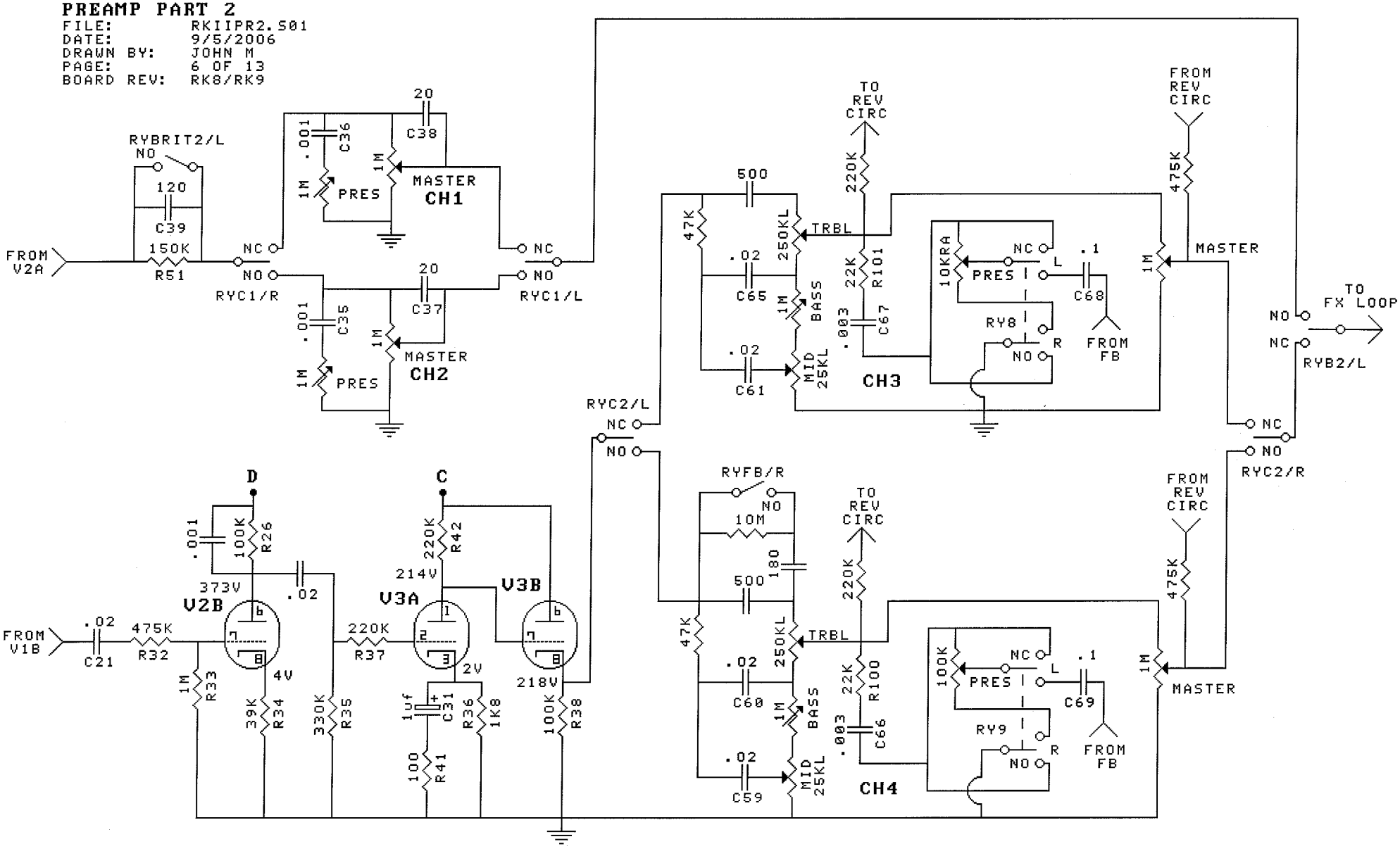


MESA/BOOGIE

ROAD KING SERIES II

PREAMP PART 2

FILE: RKIIPR2.S01
DATE: 9/5/2006
DRAWN BY: JOHN M
PAGE: 6 OF 13
BOARD REV: RK8/RK9

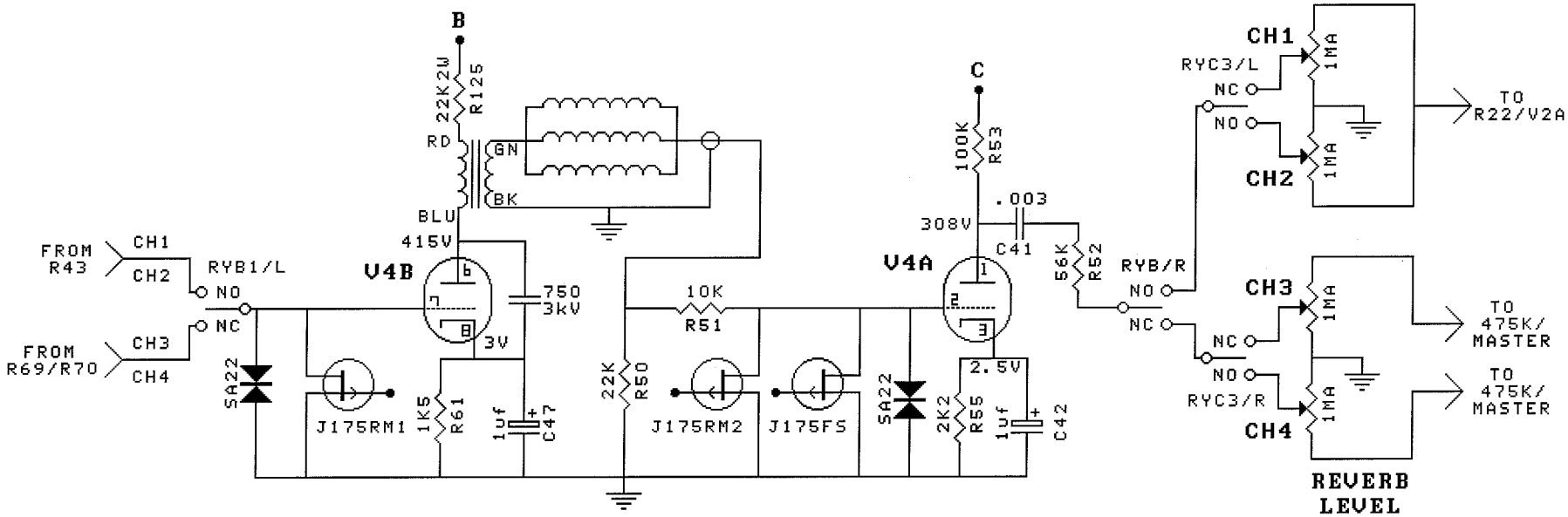


MESA/BOOGIE

ROAD KING SERIES II

REVERB/EFFECTS LOOP

FILE: RKIIREV.S01
DATE: 9/5/2006
DRAWN BY: JOHN M
PAGE: 7 OF 13
BOARD REV: RK8/RK9



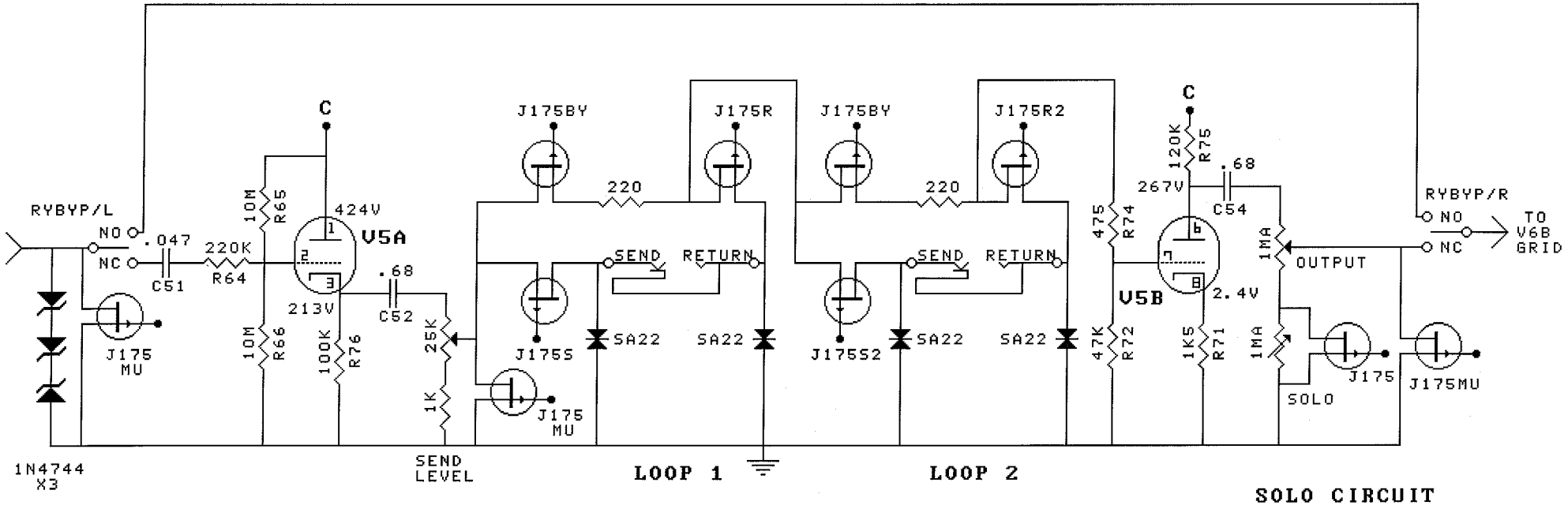
REVERB CIRCUIT

MESA/BOOGIE

ROAD KING SERIES II

LOOP 1&2 AUDIO PATH

FILE: RKIILP.S01
DATE: 9/5/2006
DRAWN BY: JOHN M
PAGE: 8 OF 13
BOARD REV: RK8/RK9



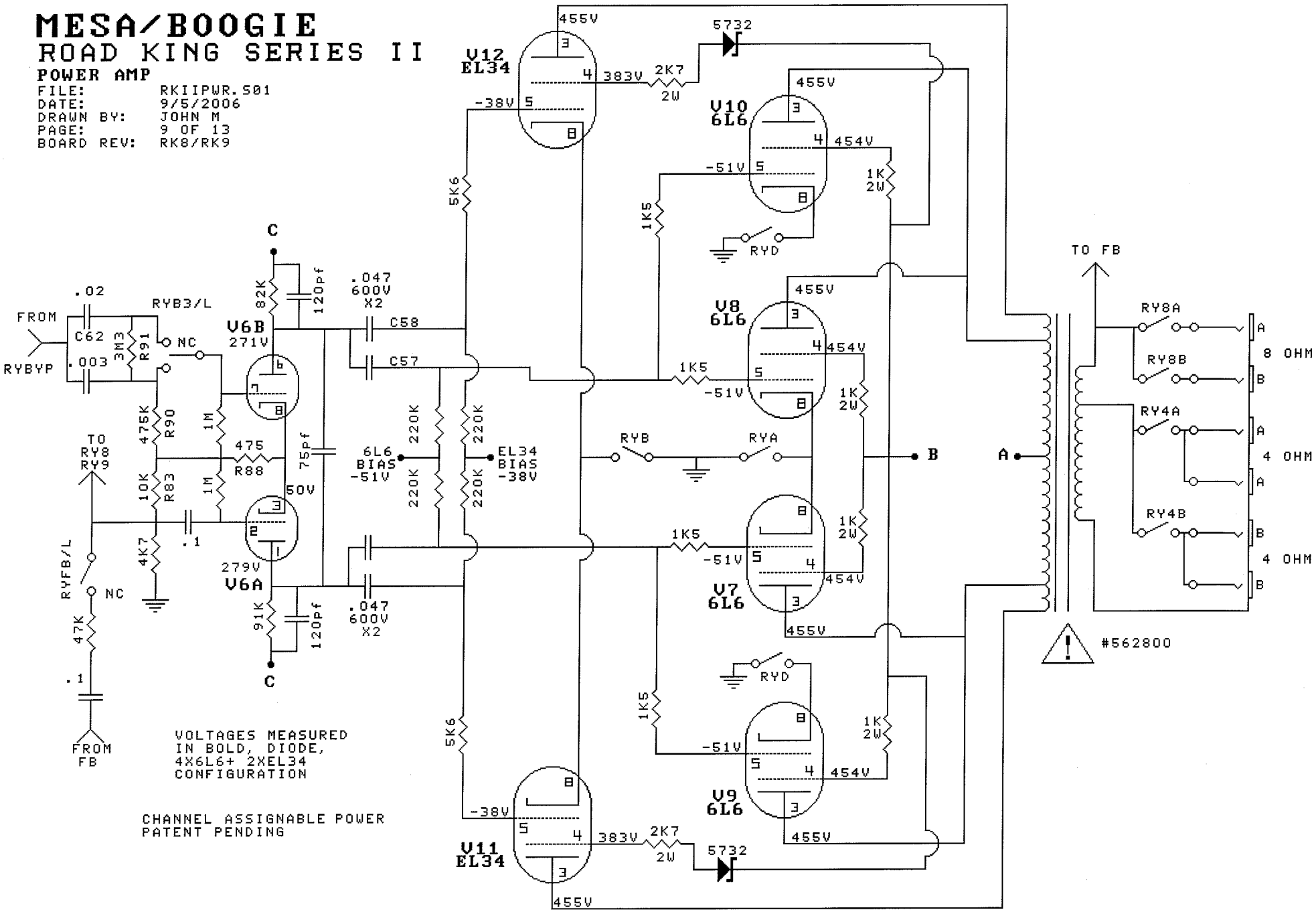
SOLO CIRCUIT
PATENT# 6,724,897

MESA/BOOGIE

ROAD KING SERIES II

POWER AMP

FILE: RKIIPWR.S01
DATE: 9/5/2006
DRAWN BY: JOHN M
PAGE: 9 OF 13
BOARD REV: RK8/RK9



VOLTAGES MEASURED
IN BOLD, DIODE,
4X6L6+ 2XEL34
CONFIGURATION

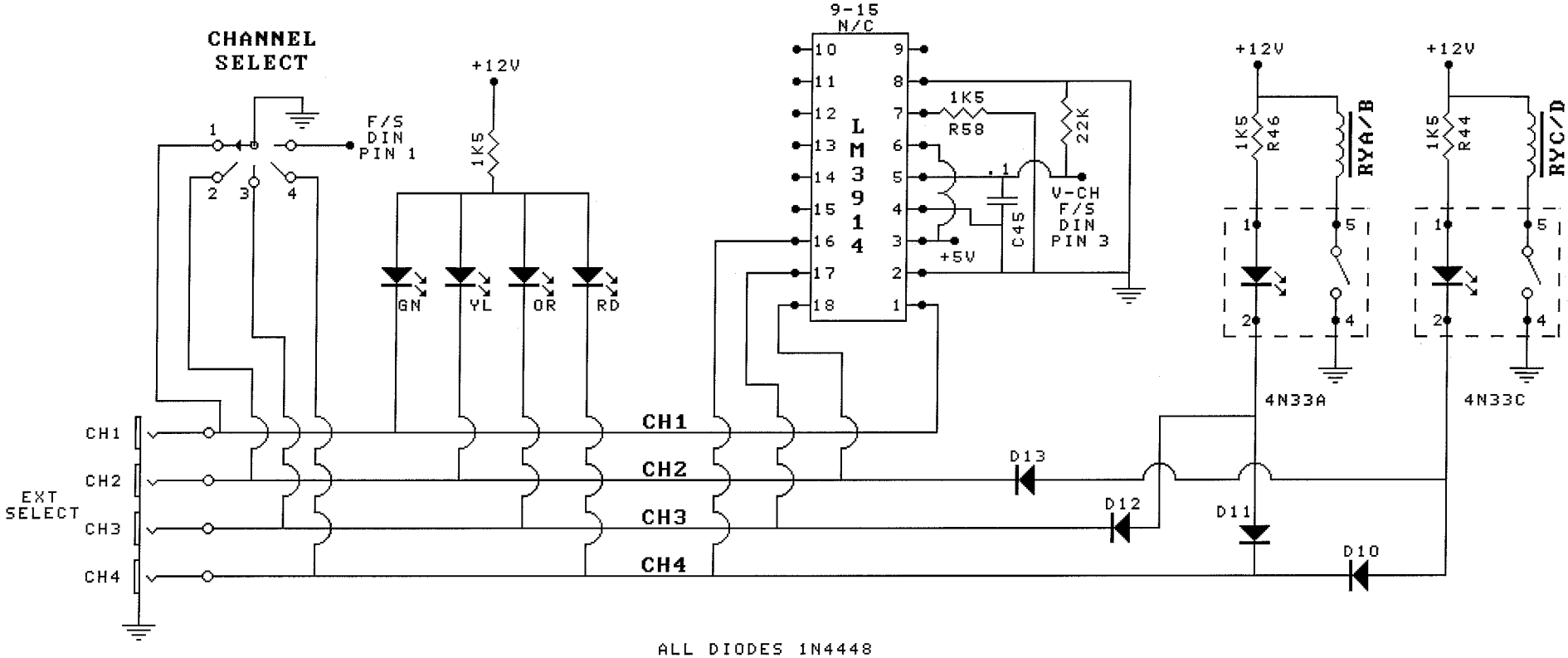
CHANNEL ASSIGNABLE POWER
PATENT PENDING

MESA/BOOGIE

ROAD KING SERIES II

SWITCH MATRIX PT1

FILE: RKIISW2.S01
DATE: 9/5/2006
DRAWN BY: JOHN M
PAGE: 10 OF 13
BOARD REV: RK8/RK9



ALL DIODES 1N4448 UNLESS OTHERWISE INDICATED

MESA/BOOGIE
ROAD KING SERIES II
SWITCH MATRIX PT2

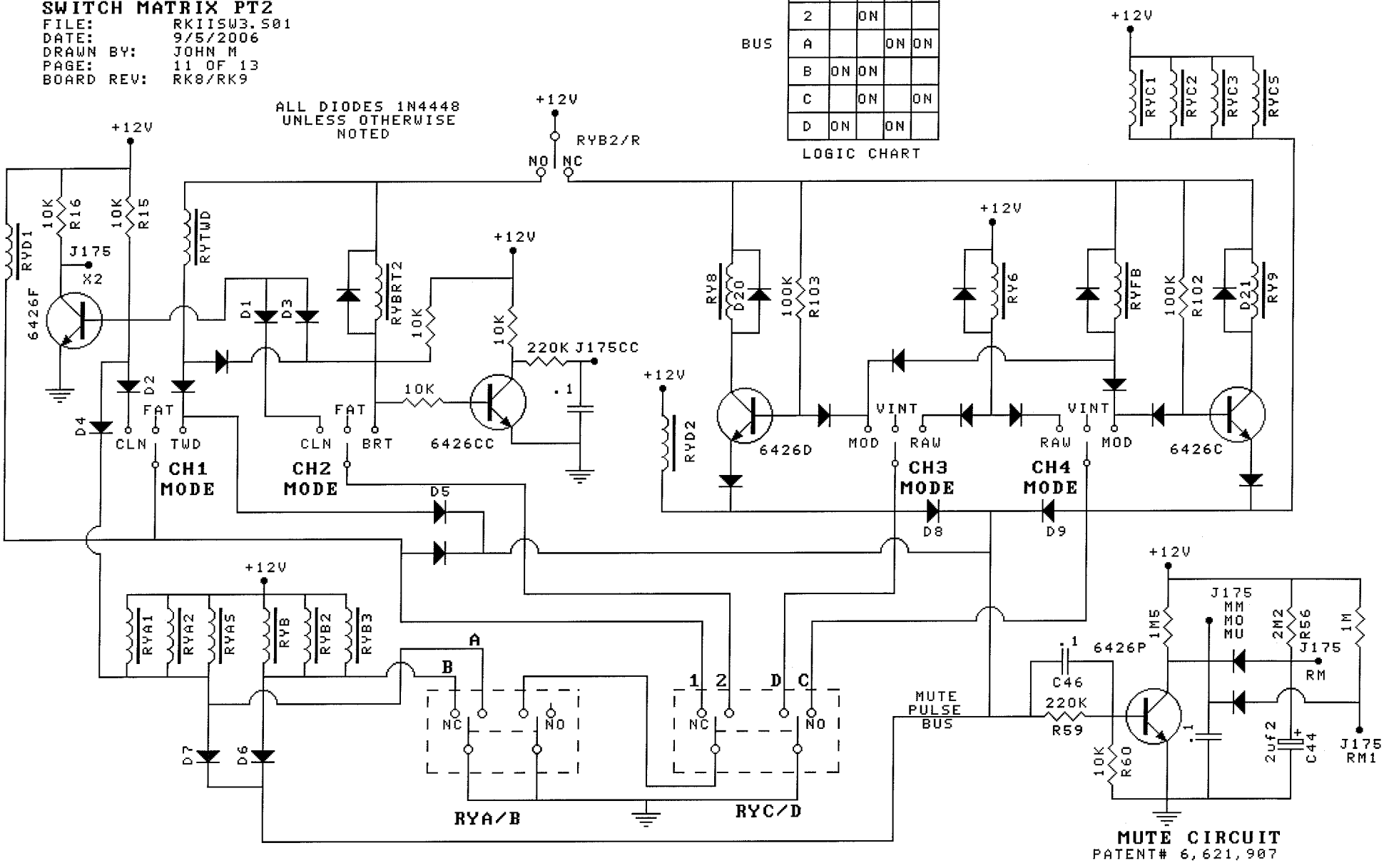
FILE: RKIISW3.S01
DATE: 9/5/2006
DRAWN BY: JOHN M
PAGE: 11 OF 13
BOARD REV: RK8/RK9

CHANNEL

BUS	1	2	3	4
1	ON			
2		ON		
A			ON	ON
B	ON	ON		
C		ON		ON
D	ON		ON	

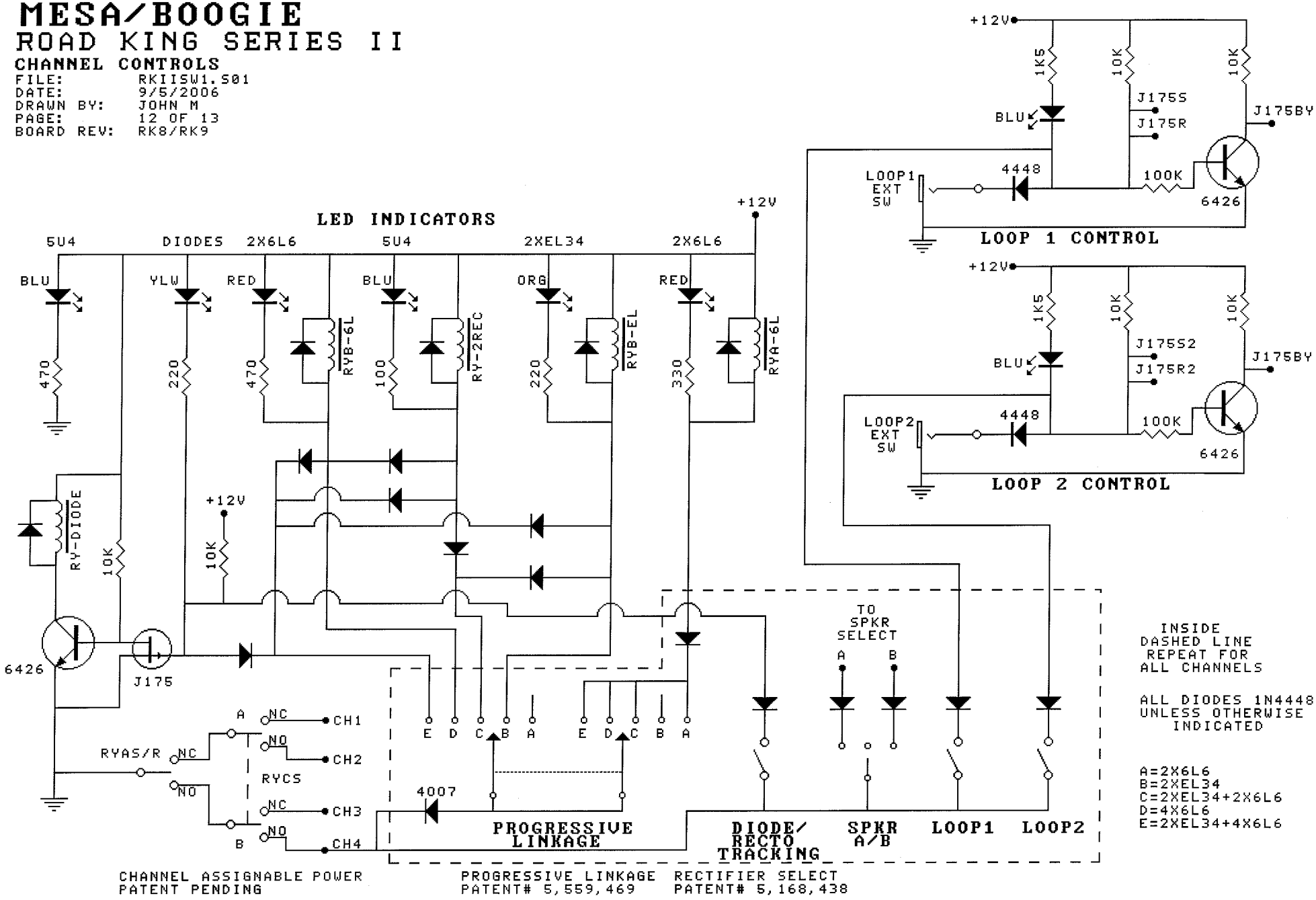
LOGIC CHART

ALL DIODES 1N4448 UNLESS OTHERWISE NOTED



MESA/BOOGIE
ROAD KING SERIES II
CHANNEL CONTROLS

FILE: RKIISW1.S01
DATE: 9/5/2006
DRAWN BY: JOHN M
PAGE: 12 OF 13
BOARD REV: RK8/RK9



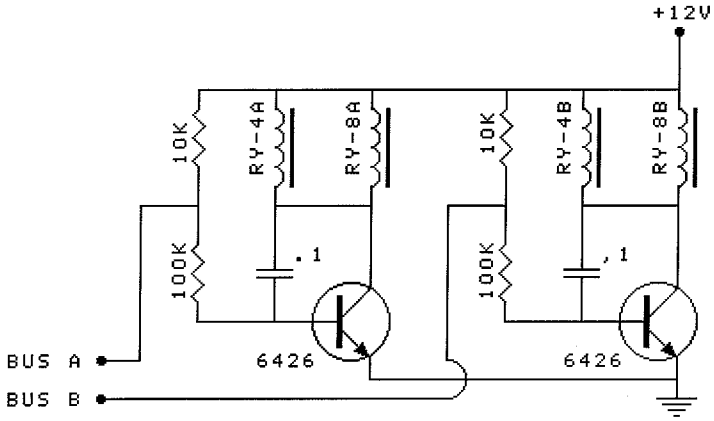
CHANNEL ASSIGNABLE POWER
PATENT PENDING

PROGRESSIVE LINKAGE
PATENT# 5,559,469

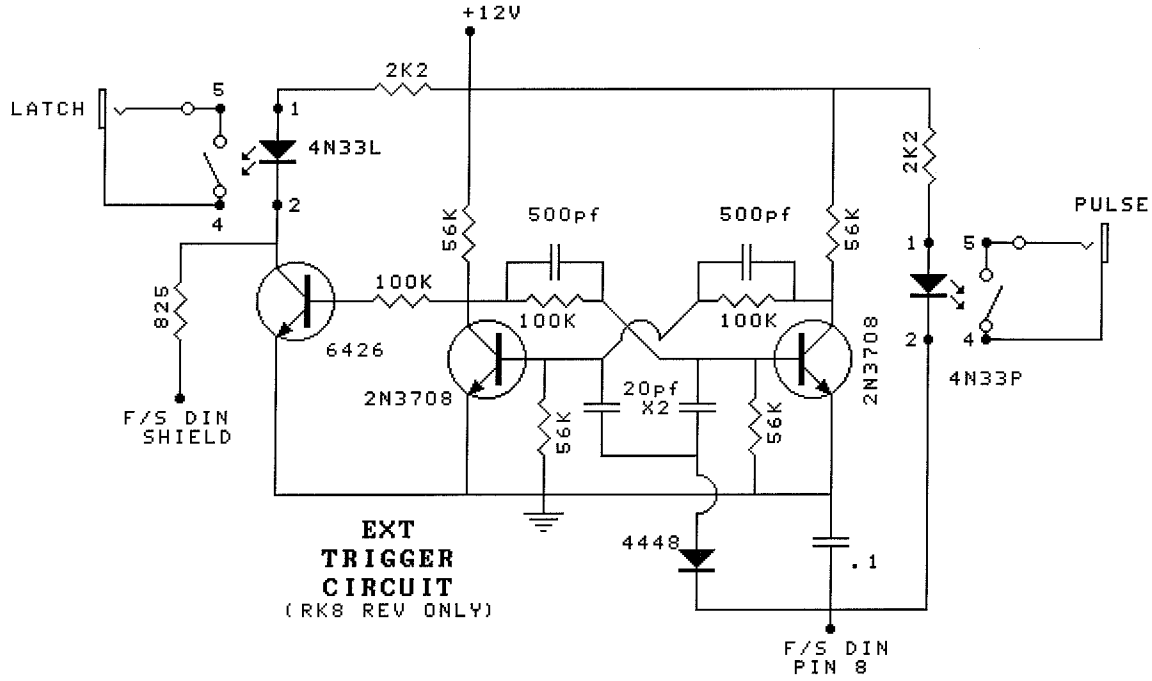
RECTIFIER SELECT
PATENT# 5,168,438

MESA/BOOGIE
ROAD KING SERIES II
SPKR/TRIG/SOLO/REV/MUTE

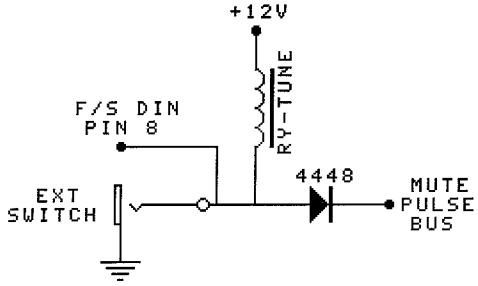
FILE: RKIISPK.S01
DATE: 9/5/2006
DRAWN BY: JOHN M
PAGE: 13 OF 13
BOARD REV: RK8/RK9



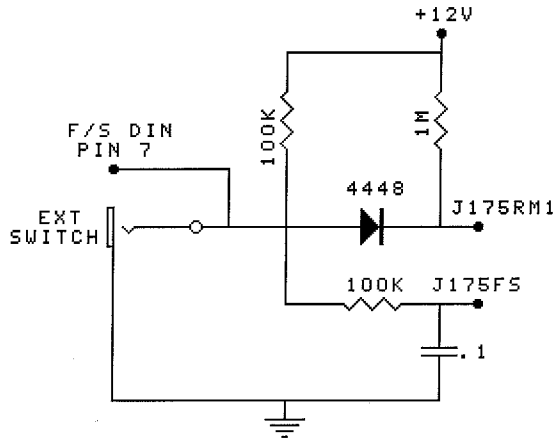
SPEAKER CONTROL CIRCUIT



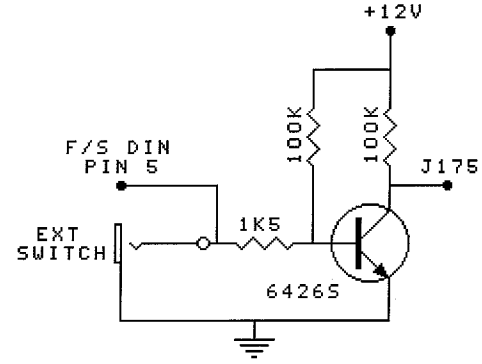
EXT TRIGGER CIRCUIT
(RK8 REV ONLY)



TUNER/MUTE CONTROL CIRCUIT
(RK9 REV ONLY)



REVERB CONTROL CIRCUIT



SOLO CIRCUIT

SOLO CIRCUIT
PATENT# 6,724,897