

9

means and said amplifier means, said bias adjusting means varying the bias level of said amplifier means toward a predetermined level.

References Cited by the Examiner

UNITED STATES PATENTS

| | | | |
|-----------|---------|---------------|----------|
| 2,651,718 | 9/1953 | Levy ----- | 328—153 |
| 3,154,749 | 10/1964 | Perkins ----- | 329—169 |
| 3,183,373 | 5/1965 | Sakurai ----- | 307—88.5 |

10

OTHER REFERENCES

Schuster: A Phase Sensitive Detector Circuit Having High Balance Stability, Review of Scientific Instruments, vol. 22, Issue 4, April 1951, pages 254—255.

5

HERMAN KARL SAALBACH, *Primary Examiner.*

ROY LAKE, *Examiner.*

P. L. GENSLER, *Assistant Examiner.*