## SELLING POINTS FOR LOSP

William Bricken February 1987

- 1. More compact notation than Propositional Calculus.
- 2. More efficient deductive technique than resolution.
- 3. Integration of functional programming (LISP) and logic programming (PROLOG).
- 4. Canonical (optimizing) compiler language for deduction.
- 5. Provides maximal AND/OR parallelism.
- 6. Opportunistic Search over parens structure.
- 7. Imaginary Boolean value
  - a. Solution to paradox.
  - b. Contradiction maintenance.
  - c. Self-referencing (autonomous) data structures.
- 8. New machine learning paradigm
- 9. Single gate (NOR) wiring diagram.
- 10. New cons-cell coding
- 11. Deduction that uses little to no memory.