

PROPOSALS AND FUND-RAISING, 1990-96

William Bricken
compiled 1999

Topic: A VR Home-Entertainment System
Role: Primary developer and technical lead
Status: to Polygram Records, \$10M+, unsuccessful.

Topic: A Virtual World for Teaching Algebra
Role: Principal Investigator with Prof. W. Winn, UW School of Education
Status: to NSF, \$856,000 over two years, pending resubmission.

Topic: Experiential Computing
Role: Principal Investigator and sole author
Status: to ARPA, \$2.4M over three years, unsuccessful.

Topic: Communicating Situation Awareness in Virtual Environments
Role: substantive technical contributor for HITL
Status: to AFOSR, \$2.4M over four years, successful 1993.

Topic: A Study of a Virtual World Composing Community
Role: primary contributor with Dr. S. Sloane, University of Puget Sound
Status: to NEH, \$150,000 over three years, successful with revisions

Topic: Virtual Environment Operating System
Role: inventor with G. Coco
Status: enhanced versions property of W. Bricken.

Topic: Virtual Environment Crisis Management System
Role: primary contributor for HITL
Status: to US Navy, \$1.5M over three years, successful 1993.

Topic: Rapid Construction of Model Buildings
Role: Principal Investigator and sole author for HITL
Status: to UCF Institute of Simulation Training, \$150,000 over two years, successful 1993.

Topic: Interactive Complex Systems Simulation
Role: primary technical contributor
Status: with Santa Fe Institute, \$5M over three years, unsuccessful.

Topic: Human Response to Stereographic Imagery
Role: substantive contributor
Status: to Sun Microsystems, \$50,000, successful 1992.

Topic: FiberSpace, VR in Education
Role: primary technical contributor for HITL
Status: to USWest, \$500,000, successful 1991.

Topic: Constructability and Virtual Reality

Role: Principal Investigator with Dr. D. Reed, UW Civil Engineering

Status: to NSF, \$458,000 over two years, unsuccessful.

Topic: ProtoSpace, VR-CAD for aircraft

Role: Principal Investigator and sole author

Status: to Boeing, \$150,000, successful 1991.

Topic: Software donations

Role: sole negotiator

Status: to Mathematica, Autodesk, Wavefront, Alias, Division, and Franz LISP, \$700,000, successful 1990.

Topic: Infrastructure for Virtual Environments

Role: sole author and negotiator

Status: to Digital Equipment Corporation, \$1.7M over four years, successful 1990.