



New York University School of Medicine
Office of Industrial Liaison/Technology Transfer

PAD++
Graphics

Principal Inventors:

Kenneth Perlin, Ph.D.
Associate Professor of Computer Science
Courant Institute of Mathematical Sciences
New York University

Jacob Schwartz, Ph.D.
Professor of Computer Science and Mathematics
Courant Institute of Mathematical Sciences
New York University

Jonathan Meyer
Media Research Lab
Courant Institute of Mathematical Sciences
New York University

Description of the Technology:

PAD++ is a graphical user interface that features panning and zooming to quickly and naturally navigate through cyberspace. The user can pan to change the region of space being viewed, and zoom to enlarge or reduce the magnification of the objects being viewed.

Features and Benefits:

- PAD++ makes it easier and more intuitive to find specific information in large data spaces.
- Supports text, animations, graphics, audio, World Wide Web objects, hyperlinks and cross fades on a zoomable surface at almost infinite resolution.
- Offers an intuitive new approach for presenting and understanding digital information.
- Portals provide additional views and filters of the information space.

Applications:

Graphical user interface for high-end graphics workstations, PCs, set-top boxes, personal digital assistants, network computers, home appliances.

Patent Status:

U.S. Patent No. 5,341,466 *issued* August 23, 1994.

Contact Information:

Office of Industrial Liaison/Technology Transfer
650 First Avenue, 6th Floor
New York, NY 10016
Phone: (212) 263-8178 Fax: (212) 263-8189