

EXHIBIT E

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FOURTH EDITION

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Webster's

**NEW WORLD
DICTIONARY[®]**

— OF —

**COMPUTER
TERMS**

FOURTH EDITION

Compiled by

Donald Spencer



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crocomputer systems from Software Publishing Corporation. It is a versatile and easy-to-use program for producing business-related presentation graphics.

hash Visual static on the screen.

hashing (1) A key-to-address transformation in which the keys determine the location of the data. (2) The process of applying a formula to a record key to yield a number that represents a disk address.

hash totals Totals of the numbers of identifying fields. Used in ERROR CHECKING.

hatching Shading some portion of a drawing with parallel lines in a single direction. Shading in overlapping directions is crosshatching.

HDBMS Abbreviation for HIERARCHICAL DATABASE MANAGEMENT SYSTEM.

head (1) A device that reads, records, or erases data on a storage medium, such as a small electromagnet used to read, write, and erase data on a magnetic disk. (2) A special data item that points to the beginning of a list.

head cleaning device A material containing a dirt solvent used to clean the read/write head of a floppy disk drive or a tape drive.

head crash The collision of the read/write head with the recording surface of a hard disk, resulting in loss of data. Usually caused by contamination of the disk, such as from a tiny particle of smoke or dust or from a fingerprint.

header (1) The first part of a message, containing all the necessary information for directing the message to its destination(s). (2) The top margin of a page, usually the title of the book, the name of the chapter, the page number, and so on.

header record A record containing constant, common, or identifying information for a group of records that follows.

head positioning Placing a read/write head when data is being read or written by a direct-access storage device. Done by moving an ACCESS ARM.

head slot The opening in a diskette jacket that exposes the disk surface to read/write heads.