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Bilski et al.

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[54] **SYSTEM FOR PRODUCING MEMORY MAPS BY INTERPRETING A DESCRIPTOR FILE WHICH IDENTIFIES AND DESCRIBES THE DATA STRUCTURES PRESENT IN MEMORY**

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[57] ABSTRACT

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A computer memory interpretation file, or structures file, enables automatic location and interpretation of memory resident components of operating system programs, user programs, data buffers, and the like. The structures file contains sufficient information pertaining to each control structure to allow a program using it to identify and locate each iteration of any component that may be memory resident. The structures file relieves the program of requiring reference definitions pertaining to the control structures or their sub-components and eliminates the requirement for programming logic normally necessary to recognize and perform specialized operations determined by the nature of the control structure being processed.

Related U.S. Application Data

[63] Continuation of Ser. No. 913,157, Sep. 26, 1986, abandoned.

[51] Int. Cl.⁵ **G06F 11/32**

[52] U.S. Cl. **395/700; 364/DIG. 1; 364/267.5; 364/267.8**

[58] Field of Search ... **364/200 MS File, 900 MS File**

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16 Claims, 23 Drawing Sheets

