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Kenner et al.

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(54) **SYSTEM AND METHOD FOR SELECTION AND RETRIEVAL OF DIVERSE TYPES OF VIDEO DATA ON A COMPUTER NETWORK**

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(List continued on next page.)

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This patent is subject to a terminal disclaimer.

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(52) U.S. Cl. **709/225**; 709/224; 709/219

(58) Field of Search 709/250, 245, 709/244, 238, 235, 226, 228, 227, 224, 219, 217, 105, 225; 707/5, 104.1; 345/716, 717; 725/115

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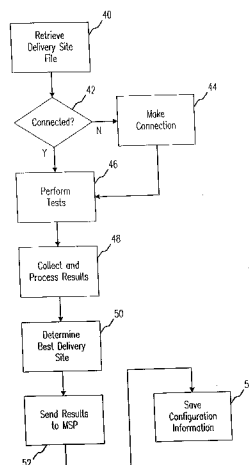
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(57) ABSTRACT

A system and method for the selection and retrieval of various types of video data from distributed delivery sites calls for the deployment of "Smart Mirror" sites throughout a network, each of which maintains a copy of certain data managed by the system. Each "Smart Mirror" site maintains copies of the data in several alternative file formats. Every user is assigned to a specific delivery site based on an analysis of network performance with respect to each of the available delivery sites. Generalized network performance data is collected and stored to facilitate the selection of additional delivery sites and to ensure the preservation of improved performance in comparison to traditional networks. The appropriate file format is automatically selected based on the capabilities of a user terminal making a request for data.

4 Claims, 5 Drawing Sheets



VIDEOLABS, INC.
EX2006

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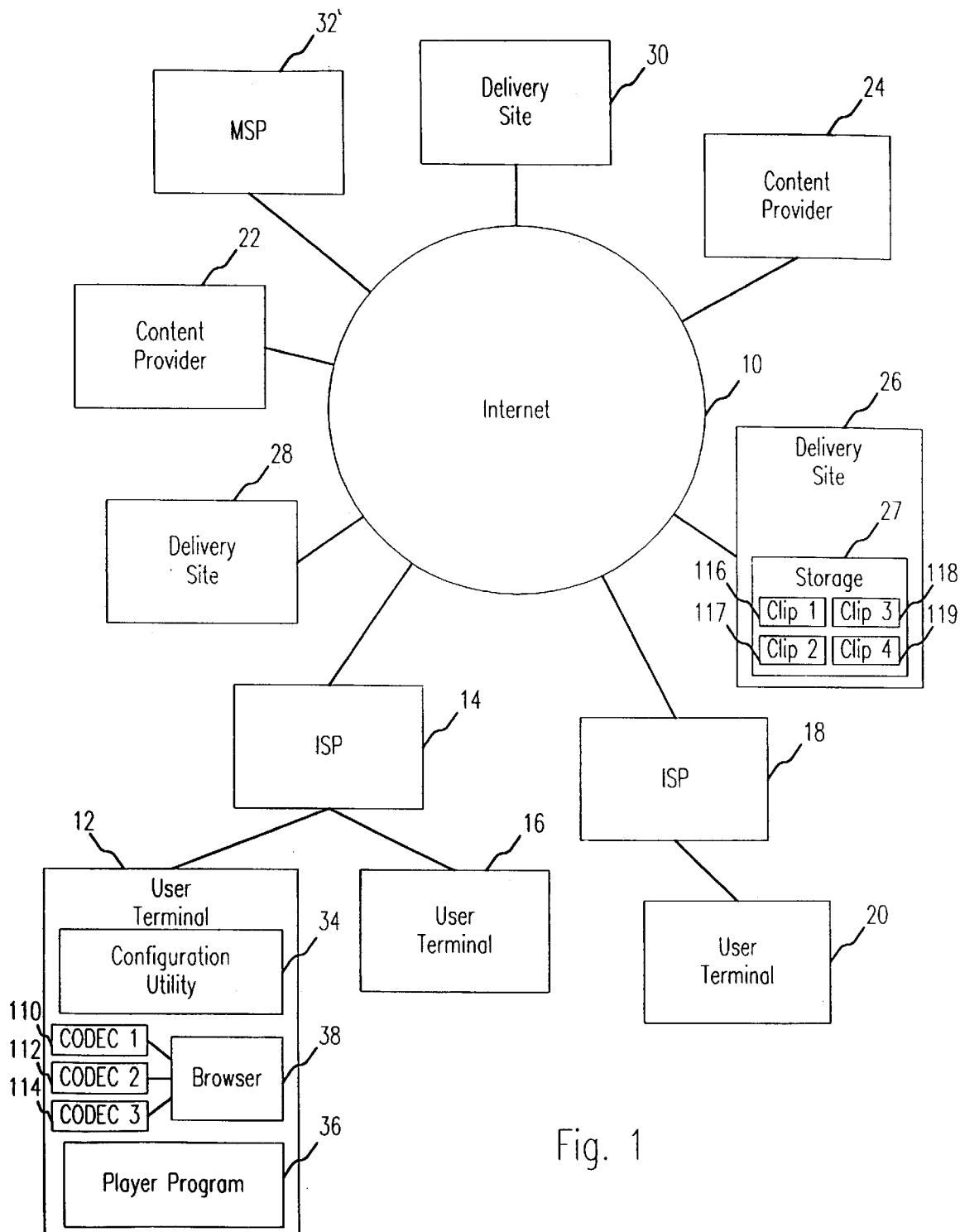
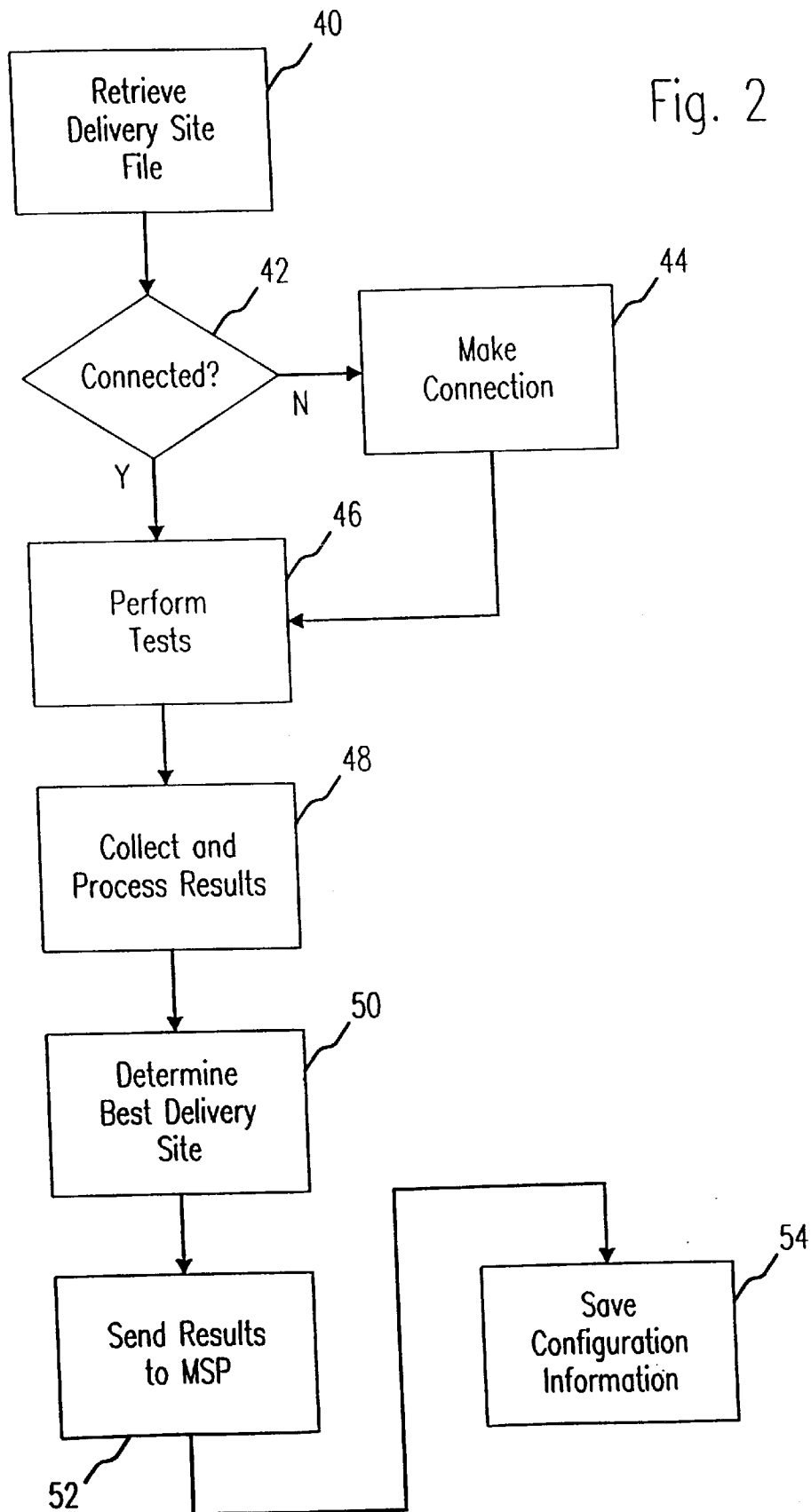
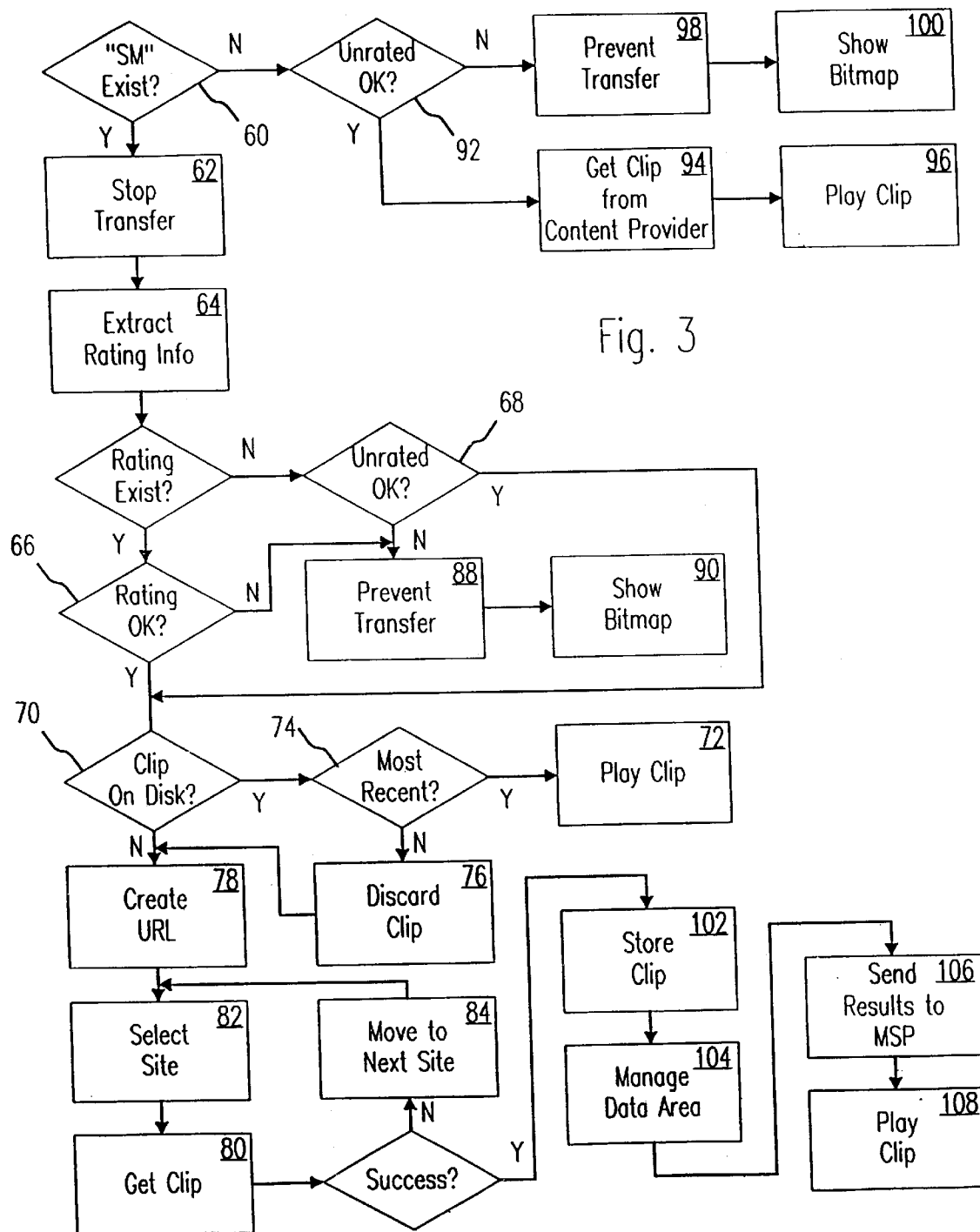


Fig. 1

Fig. 2





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