International Symposium on Music Information Retrieval

Intellectual Property and Music Information Retrieval Systems

Baltimore, MD
30 October 2003
Standards

- Authority

- Fora
  - USPTO
  - Federal Courts
Standards

☐ Jurisprudence
  ■ 35 U.S.C. § 101
    ☐ New and Useful Process, Machine, Manufacture, or Composition of Matter
  ■ Chakrabarty (1980)
    ☐ Anything Under the Sun That Is Made By Man
  ■ State Street Bank (1998)
    ☐ Useful, Concrete, and Tangible Result
Considerations

- Impact of Disclosure
  - Time to Obsolescence
  - Competitive Advantage
    - Head Start
      - Patent Application Publication
      - Foreign Patent Protection
  - Crowded Art
    - IPR alternatives
Examples

U.S. Patent No. 6,625,581

A method of purchasing a consumer product over the Internet comprising the steps of:

(a) storing on a first Internet-based information server connected to an information network, a Consumer Product Information Request (CPIR) enabling Servlet encoded with a Universal Product Number (UPN) of identifying a particular consumer product;

(d) displaying on said Web-browser enabled GUI, information retrieved from said Internet-enabled database server for access and use by said consumer.
Examples

- U.S. Patent No. 6,622,166

An encoder apparatus comprising:

- a plurality of encoders for encoding a plurality of video sequences having common image frame information and non-common image frame information to produce a plurality of encoded video streams;
- encoded video stream processors;
- a multiplexer.
Examples

- U.S. Patent Application No. 20030195974

A method for selectively downloading a file in multiple portions, at least a portion of the file having been previously received, comprising:

transmitting a request to download a file . . .

receiving a serial transmission of digital information for the file beginning at the starting point; appending the digital information to the previously-received portion of the file; and storing the received digital information.
Examples

- U.S. Patent Application No. 20030195855
  
  A method performed in combination with a host computer and a device having a device key with a pre-selected index value, the device for receiving a storage medium or having the storage medium, the storage medium having stored thereon digital content protected according to a secret and a table with a plurality of entries therein, each entry including the secret encrypted according to a key decryptable by the device key of one of a plurality of devices and an index value, the method for the device to render the content on the medium . . . .