

printing device reads the information from the storage media or cartridge and causes a laser beam to draw a representation of a particular typefont character on a cylindrical surface in direct response to the digital data and instructions in the media or cartridge. This image is then transferred by a process, similar to printing to paper from which the information is read or the printer may drive a set of wires against an inked ribbon that places dots on the paper. The visual representation appears once again.

There are basically three techniques applied to represent characters digitally:  
Bitmapping, outlining and stroke definition. A digitized typeface

different bitmap is required for each size and style of a character and there are several ways to create a bitmap. The most popular by scanning and white image conversion digital output representation software soft font the computer font editor and outline font editing.

Outline is used lines or curves define the boundaries of characters.

sometimes can consist  
of straight line  
segments only or  
straight line  
segments along with  
abstract  
representations of  
the curves. The  
digital information,  
comprised of

computer to print or display the output. The computer must be able to represent the path of the pen or brush following the path of a straight or curved line. The computer operator must define the characteristics of the "pen" or "brush," such as what occurs at corners and stroke endings. Ultimately, these descriptions must be converted into bitmaps.

Finally, digitization techniques may be used to create a new typeface—one that has no prior

Two common types of feedback are positive and negative. Positive feedback is used to reinforce desired behavior. This comment continues, for example, on one occasion which involved creativity. Algorithms used in the outline method likewise involve de-

annum); judgment; creativity. Finally, the commentator cautions that execution digitized typeface may be the standard character that facilitates compatibility software for personal computers.

each letter to the  
various parts of  
the body. The  
opposite  
stresses or some  
coextensive hybrid of  
the two. The themes  
which run through  
all various  
moments are that the  
idea  
of instruction is

"work" apart from  
itself,  
"work"  
used directly  
indirectly in a  
sentence to bring  
out a certain  
result" and  
qualities as a  
computer program  
within the meaning  
of section 101  
of title 17, and/or  
the ultimate shape

The comment states that the "work" is computer program which operates on a data stream and is configured in a particular format. Another amplifies this, adding that it is a position explaining the operation of the system, and provides examples of how it is used. The first example is a digitized database, and the second is a digitized document. Both examples are given as examples of how the system is used.

~~the both databases, and programs, and, once neither can be read by the Office, ultimately the courts would decide their copyrightability.~~

This comment advocates that, in any event, the work is protectible as a program, compilation

several comments state that not all penface programs and databases are detectable. Purely chemical translations from analog to digitized penfaces, they acknowledge, are not detectable. For example, they state that it cannot be detected where an entire typefont is converted into digital form with no editing or selection of font characteristics, or where there is mere substitution of existing digital

about without  
their editing.  
e comment  
commands  
considering typefont  
special class of  
program.  
other one opines  
at the protectible  
work is a digital  
photograph.  
printable