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Rev. 06/02

PATENTS

Modified PTO 1082
For A Small Entity

1017 U.S. PTO
10/223200
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Attorney Docket No. MES/001 Con

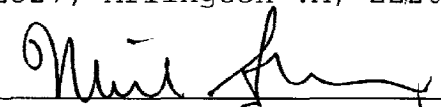
Applicant : Michael E. Shanahan
For : METHODS AND APPARATUSES FOR PROGRAMMING
USER-DEFINED INFORMATION INTO ELECTRONIC
DEVICES

EXPRESS MAIL CERTIFICATION

"Express Mail" mailing label number EV133107427US

Date of Deposit August 16, 2002

I hereby certify that this transmittal letter and the other papers and fees identified in this transmittal letter as being transmitted herewith are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and are addressed to the Hon. Assistant Commissioner for Patents, P.O. Box 2327, Arlington VA, 22202.


MICHAEL SHANAHAN

Hon. Assistant Commissioner
for Patents
Washington, D.C. 20231

TRANSMITTAL LETTER FOR
CONTINUATION PATENT APPLICATION

Sir:

Transmitted herewith for filing are the
[X] specification; [X] claims; [X] abstract; [X] declaration;
[X] a verified statement claiming small entity status; [X] an
information disclosure statement; for the above-identified
patent application.

Also transmitted herewith are:

13 sheets of:

Formal drawings.

Informal drawings. Formal drawings will be filed during the pendency of this application.

An assignment of the invention to:

A check in the amount of \$40.00 to cover the recording fee.

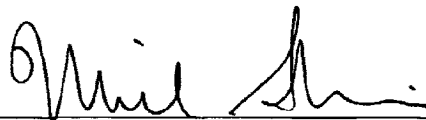
An associate power of attorney.

A certified copy of the priority document, _____ application, No. _____, filed _____

The filing fee has been calculated as shown below:

FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
BASIC FEE				\$370.00
TOTAL CLAIMS	15 - 20 = 12		x \$ 9 = \$	0.00
INDEPENDENT CLAIMS	3 - 3 = 0		x \$ 42 = \$	0.00
<input type="checkbox"/> A MULTIPLE DEPENDENT CLAIM			+ \$ 130 = \$	0.00
TOTAL				\$370.00

A check in the amount of \$ 370.00 in payment of the filing fee is transmitted herewith.



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APPLICATION INFORMATION

Title Line One:: METHODS AND APPARATUSES FOR PROGRAMMING
Title Line Two:: USER-DEFINED INFORMATION INTO ELECTRONIC
Title Line Three:: DEVICES
Total Drawing Sheets:: 13
Formal Drawings?:: Yes
Application Type:: Utility
Docket Number:: MES/001CON
Secrecy Order in Parent Appl.?:: No

CONTINUITY INFORMATION

This application is a:: CONTINUATION IN PART OF
> Application One:: 09/518712
Filing Date:: 03-03-2000

Source:: PrintEFS Version 1.0.1

MES/001 Con.

5 METHODS AND APPARATUSES FOR PROGRAMMING
 USER-DEFINED INFORMATION INTO ELECTRONIC DEVICES

 This application is a continuation of United
States Patent Application 09/518,712 filed March 3, 2000
which claims priority from United States Provisional
Application 60/169,158 filed December 6, 1999.

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Background of the Invention

 This application relates to electronic devices,
and more particularly to a programming apparatus that
allows users to program user-defined information into
15 their electronic device.

 There are many types of electronic devices
available to consumers today that have the ability to
produce both audio sounds and video displays. Many of
these devices provide users with the ability to select
20 and play a particular piece of audio or video. A
television viewer, for example, may tune to a TV channel
and watch a particular program, or connect a VCR or DVD
player to the television in order to view a specific
program not currently being broadcast. Similarly, an

audio system user may, tune a receiver to a particular radio station to hear a certain genre of music, or connect a CD or tape player to the system in order to hear specific pieces of music. In both cases, the audio and video is user-selectable.

Currently, however, there are many electronic products that offer an audio/video playing capability that are not fully user-programmable. Users of such devices (e.g., wireless or cordless telephones, pagers, personal digital assistants (PDAs), hand-held computers and the like) have to choose from a limited selection of pre-programmed information (e.g., audio clips, video clips or frames, etc.) placed there by the manufacturer. This severely limits the user's ability to customize the device to suit his or her particular taste. Furthermore, most pre-programmed audio tends to be rather generic and can be confusing when a device of a nearby user generates a sound similar to or the same as that of another user's device. Although a programmable memory within many such electronic devices could support user-defined audio, currently, no system exists for programming such information into an electronic device.

The same is true for user-defined video. For example, certain types of user-defined video information, such as video clips, frames, and other digital or analog images could be programmed into an electronic device (e.g., PDA, wireless phone, or any portable display device) and displayed at a time of the user choosing. Although a programmable memory within such a device could support user-defined video, currently, no system exists for programming such information into the device.

Summary Of The Invention

It is therefore an object of the present invention to provide an apparatus that allows a user to

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