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Rev. 06/02

PATENTS

Modified PTO 1082  
For A Small Entity

1017 U.S. PTO  
10/223200  
08/16/02

Attorney Docket No. MES/001 Con

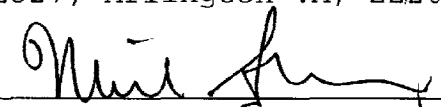
Applicant : Michael E. Shanahan  
For : METHODS AND APPARATUSES FOR PROGRAMMING  
USER-DEFINED INFORMATION INTO ELECTRONIC  
DEVICES

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.

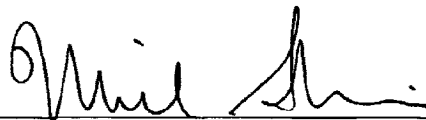
An associate power of attorney.

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.

10

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  
5 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,  
10 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  
15 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  
20 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,  
25 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  
30 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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