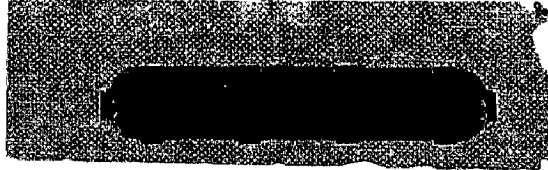


EXHIBIT 26

Class
Subclass
ISSUE CLASSIFICATION



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5946647



UTILITY SERIAL NUMBER 595257	PATENT DATE AUG 31 1999	PATENT NUMBER 5946647
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SERIAL NUMBER 595257	FILING DATE 07/24/99	CLASS 705	SUBCLASS 9	GROUP ART UNIT 2747	EXAMINER EDOUARD
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APPLICANTS

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CONTINUING DATA
VERIFIED

None Done
01/27/99

FOREIGN/PCT APPLICATIONS
VERIFIED

None Done
02/12/99

FOREIGN FILING LICENSE GRANTED 04/01/96

Foreign priority claimed 35 USC 119 conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	AS FILED	STATE OR COUNTRY CA	SHEETS DRWGS. 10	TOTAL CLAIMS 20	INDEP. CLAIMS	FILING FEE RECEIVED	ATTORNEY'S DOCKET NO.
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Verified and Acknowledged *ve* Examiner's initials

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#16

TITLE
SYSTEM AND METHOD FOR PERFORMING AN ACTION ON A COMPUTER GENERATED DATA

U.S. DEPT. OF COMM./ PAT. & TM—PTO-436L (Rev.12-94)

PARTS OF APPLICATION FILED SEPARATELY		Applications Examiner <i>ML</i>	
NOTICE OF ALLOWANCE MAILED <i>3-29-99</i>	PATRICK N. EDUARD Assistant Examiner	CLAIMS ALLOWED Total Claims: <i>24</i> Print Claim: <i>1</i>	
ISSUE FEE <i>AD</i>	FORESTER W. ISEN SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER PREPARED FOR ISSUE	DRAWING Sheets Drwg.: <i>10</i> Figs. Drwg.: <i>10</i> Print Fig.: <i>1</i>	
Amount Due: <i>1210.00</i> Date Paid: <i>5/24/99</i>		ISSUE BATCH NUMBER <i>208</i>	
Label Area	WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.		

Form PTO-436A (Rev. 8/92)

Formal Drawings (10 sheets) set

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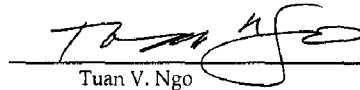
APPLICANTS: James R. Miller et al.
SERIAL NO.: 08/595,257
FILING DATE: February 1, 1996
TITLE: System and Method for Performing an Action on a Structure
EXAMINER: Patrick N. Edouard
ART UNIT: ~~2741~~ 2747
ATTY. DKT. NO: P1716/357US

14/C
max
3-26-99

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Box Non-Fee Amendment, Washington, D.C. 20231, on the date printed below:

Date: March 15, 1999


Tuan V. Ngo

ENTERED

AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

Sir:

In response to the Office Action mailed December 15, 1998 (paper #11), please amend the above-identified application as follows:

03/22/1999 09:01:54 00000023 08595257

14 FC:105

72.00 0P

C

IN THE CLAIMS:

- 1 1. (Once amended) A computer-based system for detecting structures in data
2 and performing actions on detected structures, comprising:
3 an input device for receiving data;
4 an output device for presenting the data;
5 a memory storing information including program routines[, the program
6 routines comprising:] including
7 an analyzer server for detecting structures in the data, and for
8 linking actions to the detected structures;
9 a user interface enabling the selection of a detected structure and a
10 linked action; and
11 an action processor for performing the selected action [on] linked
12 to the selected structure; and
13 a processing unit coupled to the input device, the output device, and the
14 memory for controlling the execution of the program routines.

¹³
1 ~~12~~ (Once amended) A program storage medium [having] storing a computer
2 program [stored therein] for causing a computer to perform the steps of:
3 receiving computer data;
C2 4 detecting a structure in the data;
5 linking at least one action to the detected structure;
6 enabling selection of the structure and a linked action; and
7 executing the selected action [on] linked to the selected structure.

¹⁴
1 ~~12~~ (Once amended) In a computer having a memory storing actions, a system
2 for causing the computer to perform an action on a structure identified in
3 computer data, comprising:
C3 4 means for receiving computer data;
5 means for detecting a structure in the data;
6 means for linking at least one action to the detected structure;
7 means for selecting the structure and a linked action; and
8 means for executing the selected action [on] linked to the selected
9 structure.

- C3*
cancel
- 1 ~~13~~¹⁵ (Once amended) In a computer having a memory storing actions, a method
 - 2 for causing the computer to perform an action on a structure identified in
 - 3 computer data, comprising the steps of:
 - 4 receiving computer data;
 - 5 detecting a structure in the data;
 - 6 linking at least one action to the detected structure;
 - 7 enabling selection of the structure and a linked action; and
 - 8 executing the selected action [on] linked to the selected structure.
-

- C4*
- 1 ~~17~~¹⁹ (Once amended) The method recited in claim [12] ~~13~~¹⁵ wherein the memory
 - 2 contains strings, and wherein the step of detecting a structure further comprises
 - 3 the steps of retrieving a string from the memory and scanning the data to
 - 4 identify the string.
-

1 ²²~~20~~. (Once amended) A computer-based method for causing a computer to
2 identify, select and perform an action on a structure in computer data[, said
3 data] received from a concurrently running application, said application
4 presenting the computer data to the user, the method comprising the steps of:
5 receiving computer data from the application;
6 detecting a structure in the computer data;
7 linking at least one action to the detected structure;
8 communicating with the application to determine the location of the
9 detected structure as presented by the application, to enable selection of the
10 detected structure and a linked action, and to determine if the detected structure
11 and a linked action have been selected; and
12 performing a selected action [on] linked to the detected pattern.

C5

Add the following claims:

1 ¹¹~~21~~ The system recited in claim 1, wherein the user interface enables the selection
2 of a detected structure and a linked action using sound activation.

1 ¹²~~22~~ The system recited in claim 1, wherein a first one of the actions may invoke a
2 second one of the actions.

1 ²³~~23~~ The method recited in claim ¹⁵15, wherein the step of enabling uses sound
2 activation.

1 ¹⁵24. The method recited in claim ¹⁵15, wherein a first one of the actions may invoke
2 a second one of the actions.

REMARKS

Claims 1-20 are pending in this case and have all been rejected under U.S.C. § 103(a). In response, Applicants are amending claims 1, 11-13, and 20. Applicants are also amending claim 17 to correct a typographical error, and adding claims 21-24 to cover further aspects of the invention. Applicants respectfully submit that all pending claims 1-20 and added claims 21-24 present subject matter that is patentable over the prior art of record, and, in view of the above amendments and the following remarks, request that the Examiner reconsider the application.

SUPPORT IN THE SPECIFICATION FOR ADDED CLAIMS

Support in the specification for added claims is as follows:

Claims 21 and 23:

using sound activation: page 11, lines 9-12.

Claims 22 and 24:

a first one of the actions may invoke a second one of the actions: page 5, lines 6-13.

REJECTIONS UNDER 35 U.S.C. § 103 (a)

In paragraph 3 of the Office Action, the Examiner rejected claims 1-20 under 35 U.S.C. § 103 (a) as unpatentable over U.S. Patent No. 5,164,899 to *Sobotka et al.* in view of U.S. Patent No. 5,247,437 to *Vale et al.*

Regarding claims 1, 11-13, and 20 the Examiner conceded that "Sobotka et al do not explicitly teach the linking of action to the detected structures," then asserted that *Vale et al.* teach that "the linking between DIN and HN structure maintained by data structure is provided by page instance nodes." Consequently, the Examiner concluded "it would have obvious . . . to incorporate the linking action as taught by Vale in the system of Sobotka et al because it would provide a system where data could be retrieved faster." In response, Applicants are amending claims 1, 11-13, and 20, and, as the rejections might be applied to the amended claims, respectfully traverse.

Amended claim 1 recites, in relevant part:

A computer-based system for detecting structures in data and performing actions on detected structures, comprising:

. . .
a memory storing information including program routines including
an analyzer server for detecting structures in the data, and for linking actions to the detected structures;
. . . ; and
an action processor for performing the selected action linked to the selected structure;
. . . .

The linked actions of the claimed invention are patentably distinguished from the heading node (HN) structure of *Vale*. The linked actions enable execution of an action (page 16, line 22 to page 17, line 1), which is a computer subroutine causing a CPU to perform a sequence of operations (page 5, lines 4-5). Additionally, in the claimed invention, "[a]n action may specify opening another application, loading the identified structure into an appropriate field,

and closing the application. An action may further include internal actions . . . and external actions" (page 5, lines 6-11). Thus the linked actions can cure deficiencies of prior systems employing laborious and disruptive processes (page 1, lines 17-21, page 2 line 11 to page 3 line 14).

In contrast, the HN structure of *Vale* consists of heading nodes, each of which includes the title of its associated index entry (col. 1, lines 56-57) and defines information for one of the headings listed in the heading column of a keyword list (col. 3 lines 12-13). Each heading node also stores a heading string, a sort string, a see string, and a heading ID (col. 3, lines 15-17). The HN structure is thus used to delineate the structural relationship of the key words or headings for a given index (col. 3, lines 25-29), but cannot cause a CPU to perform an operation, or an action, as can the claimed invention.

In brief, *Sobotka* does not teach or suggest *linking a structure to an action*. *Vale* discloses *linking to an informational structure*, but that does not cure the references' lack of *linking to an action*. Therefore, the claimed invention, which recites *linking to an action*, or as claimed "linking actions to the detected structures," is patentably distinguished from *Sobotka* and *Vale*, either alone or in combination. Further, because there is no *linking to an action* in *Sobotka* or *Vale*, there cannot be, as in the claimed invention, "selection of . . . a linked action," or "performing the selected action linked to the selected structure" (emphasis added). Consequently, claim 1 is patentable.

Claims 2-10 depend directly or indirectly from claim 1 and are therefore patentable for at least the same reasons.

Claim 3 recites the further limitation of “wherein the input device receives the data from an application running *concurrently*” (emphasis added), which is not disclosed or suggested in the cited passages of *Sobotka* or *Vale*, either alone or in combination. Therefore, claim 3 is patentable for this additional reason.

Claim 8 recites the further limitation of “wherein the user interface highlights detected structures,” which is not disclosed or suggested in the cited passages of *Sobotka* or *Vale*, either alone or in combination. Therefore, claim 8 is patentable for this additional reason.

Claim 9 recites the further limitation of “wherein the user interface enables selection of an action by causing the output device to display a pop-up menu of the linked action,” which is not disclosed or suggested in the cited passages of *Sobotka* or *Vale*, either alone or in combination. Therefore, claim 9 is patentable for this additional reason.

Claim 10 recites the further limitation of “wherein the programs stored in the memory further comprise an application running *concurrently* . . . , and an application program interface that provides *interrupts* and *communicates* with the application” (emphasis added), which is not disclosed or suggested in the cited passages of *Sobotka* or *Vale*, either alone or in combination. Therefore, claim 10 is patentable for this additional reason.

Claims 11-13 and 20 recite limitations corresponding to those of claim 1, and are therefore patentable for at least the same reasons.

Claims 14-19 depend directly or indirectly from claim 13, and are therefore patentable for at least the same reasons.

Claim 14 recites a limitation corresponding to claim 3 and is therefore patentable for this additional reason.

Claim 16 recites the further limitation of "wherein the step of linking at least one action . . . includes the step of linking the particular action to the detected structure," which is not disclosed or suggested in *Sobotka* or *Vale*, either alone or in combination. Therefore, claim 16 is patentable for this additional reason.

Claim 18 recites a limitation corresponding to claim 8 and is therefore patentable for this additional reason.

SUMMARY

In conclusion, Applicants respectfully submit that all pending claims 1-20 and added claims 21-24 clearly present patentable subject matter over the prior art of record, and therefore request that the Examiner withdraw the rejections of the pending claims, consider the added claims, and pass the application to issue. If the Examiner has questions regarding this case, the Examiner is invited to contact Applicants' undersigned attorney.

Respectfully submitted,

James R. Miller et al.

Date: March 15, 1999

By: 

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