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30 means for displaying a graphical iconic representation of a collection of said first
 31 plurality of documents;
 32 means for displaying a first indicia of a first document of said collection by
 33 selecting a first position from said graphical iconic representation, wherein
 34 said first position on said graphical iconic representation is capable of being
 35 at any one of a plurality of locations on said graphical iconic representation
 36 and wherein said selecting from said graphical iconic representation
 37 comprises positioning a cursor on said graphical iconic representation; and
 38 means for displaying in series a second indicia of a second document and a third
 39 indicia of a third document by positioning said cursor first on a second
 40 position on said graphical iconic representation next on a third position on
 41 said graphical iconic representation.

42
 43 ⁶78. (New) An apparatus as in claim ⁵77 wherein said indicia is displayed adjacent to
 44 said graphical iconic representation of said collection.

45
 46 ⁷79. (New) An apparatus as in claim ⁵77 wherein during said displaying in series said
 47 second indicia and said third indicia, said graphical iconic representation is concurrently
 48 displayed.

49
 50 ⁸80. (New) An apparatus as in claim ⁷79 wherein said second indicia is displayed
 51 adjacent to said graphical iconic representation and said third indicia is displayed adjacent to
 52 said graphical iconic representation.

53
 54 ⁹81. (New) A computer readable medium containing executable computer program
 55 instructions which when executed by a computer system cause said computer system to

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56 perform a method for organizing and viewing information in a computer filing system
 57 having a display device and a first plurality of documents, said method comprising:
 58 displaying a graphical iconic representation of a collection of said first plurality of
 59 documents;
 60 displaying a first indicia of a first document of said collection by selecting a first
 61 position from said graphical iconic representation, wherein said first
 62 position on said graphical iconic representation is capable of being at any
 63 one of a plurality of locations on said graphical iconic representation and
 64 wherein said selecting from said graphical iconic representation comprises
 65 positioning a cursor on said graphical iconic representation; and
 66 displaying in series a second indicia of a second document and a third indicia of a
 67 third document by positioning said cursor first on a second position on said
 68 graphical iconic representation next on a third position on said graphical
 69 iconic representation.

70
 71 ¹⁰ 82. (New) A computer readable medium as in claim ⁹ 81 wherein said indicia is
 72 displayed adjacent to said graphical iconic representation of said collection.

73
 74 ¹¹ 83. (New) A computer readable medium as in claim ⁹ 81 wherein during said displaying
 75 in series said second indicia and said third indicia, said graphical iconic representation is
 76 concurrently displayed.

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 78 ¹² 84. (New) A computer readable medium as in claim ¹¹ 83 wherein said second indicia is
 79 displayed adjacent to said graphical iconic representation and said third indicia is displayed
 80 adjacent to said graphical iconic representation.

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82 ¹³ 85. (New) An apparatus for organizing information in a computer filing system having
83 a display device and a first plurality of documents, said apparatus comprising:
84 means for displaying at some time on said display device a graphical representation
85 of a first document and a graphical representation of a second document
86 from said first plurality of documents;
87 means for creating a collection of documents comprising a second plurality of
88 documents having said first document and said second document;
89 means for determining for said collection at least one of (a) an internal collective
90 representation or (b) a user defined specification, wherein said internal
91 collective representation is based on internal representations of said first and
92 said second documents;
93 means for displaying a graphical representation of said collection of documents on
94 said display device; and
95 means for viewing at least one of the documents in said collection by displaying an
96 indicia of said at least one document by selecting, from said graphical
97 representation of said collection, said at least one document wherein said
98 viewing comprises pointing a cursor on said display device at a graphical
99 representation of one of said documents in said collection for a
100 predetermined period of time to reveal an indicia of said document in said
101 collection and wherein said indicia has multiple pages for a multiple page
102 document and wherein the user views the multiple pages of said indicia by
103 signaling to the computer to move from page to page of said indicia.

1 ¹⁴ 86. (New) An apparatus for organizing information in a computer system having a
2 display device, said apparatus comprising:
3 means for displaying at some time on said display device a representation of a first
4 document and a representation of a second document;

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5 means for creating a collection of documents comprising said first and said second
6 documents;

7 means for determining for said collection of documents at least one of (a) an internal
8 collective representation or (b) a first user defined specification, wherein
9 said internal collective representation is based on internal representations of
10 said first and second documents;

11 means for displaying a graphical representation of said collection of documents; and

12 means for determining a further internal representation of said collection when a
13 third document is added to said collection based on one of: (a) an internal
14 representation of each of the documents in said collection, or (b) said first or
15 a second user defined specification wherein said computer system has a
16 filing system having a graphical user interface and said method is performed
17 in part by said filing system and wherein said representations of said first
18 document and said second document are graphical representations and
19 wherein said further internal representation of said collection is one of said
20 first and second user defined specifications defining a selected user defined
21 specification and wherein the user indicates to said computer system to add
22 a fourth item to said collection, which fourth item has an internal
23 representation which does not match said selected user defined
24 specification, and wherein, after the user has indicated to add said fourth
25 item to said collection, said computer system prompts the user to determine
26 whether the fourth item is to be added to said collection without modifying
27 said selected user defined specification or the fourth item is to be added and
28 said selected user defined specification is to be modified.

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30 ¹⁵ 87. (New) An apparatus for organizing information in a computer filing system having
31 a display device and a first plurality of documents, said apparatus comprising:

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32 means for displaying at some time on said display device a graphical representation
 33 of a first document;
 34 means for creating a collection of documents comprising at least a second document
 35 and said first document, wherein said creating a collection comprises
 36 indicating to said computer system that a collection of documents is to be
 37 created using said first document as a sample document for said collection
 38 of document and wherein said computer system searches said first plurality
 39 of documents based on said first document to find said second document;
 40 and
 41 means for displaying a graphical representation of said collection on said display
 42 device.

43
 44 ¹⁶88. (New) An apparatus as in claim ¹⁵87 further comprising means for viewing at least
 45 one of the documents in said collection by displaying an indicia of said at least one
 46 document by selecting, from said graphical representation of said collection, said at least
 47 one document.

48
 49 ¹⁷89. (New) An apparatus as in claim ¹⁵87 further comprising means for creating a
 50 representation of said collection of documents based on an internal representation of said
 51 first document.

52
 53 ¹⁸90. (New) A computer readable medium containing executable computer program
 54 instructions which when executed by a computer system cause said computer system to
 55 perform a method for organizing information in a computer filing system having a display
 56 device and a first plurality of documents, said method comprising:

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57 displaying at some time on said display device a graphical representation of a first
58 document and a graphical representation of a second document from said
59 first plurality of documents;
60 creating a collection of documents comprising a second plurality of documents
61 having said first document and said second document;
62 determining for said collection at least one of (a) an internal collective representation
63 or (b) a user defined specification, wherein said internal collective
64 representation is based on internal representations of said first and said
65 second documents;
66 displaying a graphical representation of said collection of documents on said display
67 device; and
68 viewing at least one of the documents in said collection by displaying an indicia of
69 said at least one document by selecting, from said graphical representation
70 of said collection, said at least one document wherein said viewing
71 comprises pointing a cursor on said display device at a graphical
72 representation of one of said documents in said collection for a
73 predetermined period of time to reveal an indicia of said document in said
74 collection and wherein said indicia has multiple pages for a multiple page
75 document and wherein the user views the multiple pages of said indicia by
76 signaling to the computer to move from page to page of said indicia.

- 1 91. (New) A computer readable medium containing executable computer program
2 instructions which when executed by a computer system cause said computer system
3 to perform a method for organizing information in a computer system having a display
4 device, said method comprising:
5 displaying at some time on said display device a representation of a first
6 document and a representation of a second document;

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7 creating a collection of documents comprising said first and said second
8 documents;
9 determining for said collection of documents at least one of (a) an internal
10 collective representation or (b) a first user defined specification,
11 wherein said internal collective representation is based on internal
12 representations of said first and second documents;
13 displaying a graphical representation of said collection of documents; and
14 determining a further internal representation of said collection when a third
15 document is added to said collection based on one of: (a) an internal
16 representation of each of the documents in said collection, or (b) said
17 first or a second user defined specification wherein said computer
18 system has a filing system having a graphical user interface and said
19 method is performed in part by said filing system and wherein said
20 representations of said first document and said second document are
21 graphical representations and wherein said further internal
22 representation of said collection is one of said first and second user
23 defined specifications defining a selected user defined specification and
24 wherein the user indicates to said computer system to add a fourth item
25 to said collection, which fourth item has an internal representation
26 which does not match said selected user defined specification, and
27 wherein, after the user has indicated to add said fourth item to said
28 collection, said computer system prompts the user to determine
29 whether the fourth item is to be added to said collection without
30 modifying said selected user defined specification or the fourth item is
31 to be added and said selected user defined specification is to be
32 modified.

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- 33
- 34 ~~92~~²⁰. (New) A computer readable medium containing executable computer program
- 35 instructions which when executed by a computer system cause said computer system
- 36 to perform a method for organizing information in a computer filing system having a
- 37 display device and a first plurality of documents, said method comprising:
- 38 displaying at some time on said display device a graphical representation of a
- 39 first document;
- 40 said computer system creating a collection of documents comprising at least a
- 41 second document and said first document, wherein said creating a
- 42 collection comprises indicating to said computer system that a
- 43 collection of documents is to be created using said first document as a
- 44 sample document for said collection of document and wherein said
- 45 computer system searches said first plurality of documents based on
- 46 said first document to find said second document; and
- 47 displaying a graphical representation of said collection on said display device.
- 48
- 49 ~~93~~²¹. (New) A computer readable medium as in claim ~~92~~²⁰, said method further
- 50 comprising viewing at least one of the documents in said collection by displaying an
- 51 indicia of said at least one document by selecting, from said graphical representation
- 52 of said collection, said at least one document.
- 53
- 54 ~~94~~²². (New) A computer readable medium as in claim ~~92~~²⁰, said method further
- 55 comprising creating a representation of said collection of documents based on an
- 56 internal representation of said first document.

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REMARKS

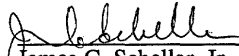
The foregoing new claims (73-94) are based upon the allowed claims 24, 31-33 and 84-86 of the parent application. For example, new claim 85 and new claim 90 are "means for" and computer readable medium versions respectively of allowed claim 24. New claims 73-84 are based on allowed claims 84-86, and new claims 86 and 91 are based on allowed claim 61, and new claims 87-89 and 92-94 are based on allowed claims 31-33. It is submitted that these amended claims presented here are allowable for at least the reasons that the parent claims were allowed.

Please charge any shortages or credit any overages to Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN

Date: 2/27, 2001


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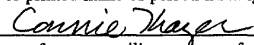
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10315 U.S. PTO
09/796292
02/27/01

Atty. Docket No. 04860.P0624C2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Richard Mander, et al.)
Application No. _____)
Filed: February 27, 2001)
For: METHOD AND APPARATUS FOR)
ORGANIZING INFORMATION IN A)
COMPUTER SYSTEM)

Examiner: Not yet assigned
Art Unit: Not yet assigned

Asst. Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicant hereby requests consideration of the enclosed Information Disclosure Statement pursuant to 37 C.F.R. §1.97(b). Attached are the PTO Forms 1449 and Forms 892 from the parent application filed on April 30, 1992 (Serial No. 07/876,921) and from the continuation application filed on August 8, 1994 (Serial No. 08/287,108). These previous applications are relied upon for an earlier filing date under 35 U.S.C. §120.

Pursuant to C.F.R. 1.98(d), copies of the references are not being provided herewith since they were previously sent to the Patent and Trademark Office. Please consider these cited documents in the currently pending 1.53(b) continuation application filed on February 27, 2001.

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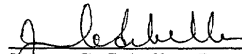
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(Date signed)

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

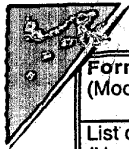
Respectfully submitted,
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 2/27, 2001



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Form PTO-1449
(Modified)

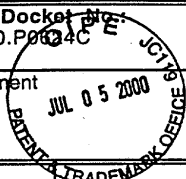
Atty Docket No. 04860.P004C

Serial No.: 09/796292

List of Patents and Publications Statement
(Use several sheets if necessary)

Applicant: Richard Mander, et al.

Filing Date: August 8, 1994



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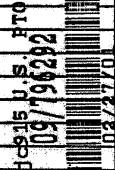
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REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initials		Document No.		Class	Sub-Class	Filing date if appropriate
<i>FE</i>	AA	5,442,778	Pedersen et al.	395	600	11/12/1991
<i>FE</i>	AB	5,442,795	Levine et al.	395	800	11/19/1990
	AC					
	AD					
	AE					
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	AN					
	AO					
	AP					



FOREIGN PATENT DOCUMENTS

No.		Document No.	Date	Country	Class	Sub-Class	Translation
	AQ						
	AR						
	AS						
	AT						
	AU						

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	AV	
	AW	
	AX	
	AY	
	AZ	

Examiner *FE12D* Date Considered *5/20/02*

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TO SEPARATE, HO' O TOP AND BOTTOM EDGES, SNAP-APART AND DISCARD CARBON

FORM PTO-892 (REV. 2-92)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		SERIAL NO. 09/796,092	GROUP PART UNIT	ATTACHMENT TO PAPER NUMBER		
NOTICE OF REFERENCES CITED				APPLICANT(S) Mandar et al				
U.S. PATENT DOCUMENTS								
	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE		
A	5297249	3-22-94	Barnstein et al	395	156	10-31-90		
B	5287448	2-15-94	Nicol et al	395	159	5-7-89		
C	5241671	8-31-93	Reed et al	395	600	10-26-89		
D	5021976	6-7-91	wexelblat et al	364	188			
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FOREIGN PATENT DOCUMENTS								
	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. DWG.	PP. SPEC.
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)								
R	3rd ed., Quattro Pro User's Guide, 1989, p. 229, 235-236, 251-255, 275-286							
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EXAMINER	FIELD		DATE	5-20-92				
				6-7-95				
* A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, section 707.05 (a).)								

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FORM PTO-892 (REV. 2-92) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

SERIAL NO. 09/796,222 GROUP PART UNIT ATTACHMENT TO PAPER NUMBER 5

NOTICE OF REFERENCES CITED

APPLICANT(S)
Mandel et al

U.S. PATENT DOCUMENTS							
*	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE	
<u>A</u>	<u>5353391</u>	<u>10/4/94</u>	<u>Cohen et al</u>	<u>395</u>	<u>161 X</u>	<u>5/6/91</u>	
<u>B</u>	<u>5349658</u>	<u>9/20/94</u>	<u>O'Rourke et al</u>	<u>395</u>	<u>159 X</u>	<u>11/1/91</u>	
<u>C</u>	<u>5347628</u>	<u>9/13/94</u>	<u>Brewer et al</u>	<u>395</u>	<u>159</u>	<u>11/8/90</u>	
<u>D</u>	<u>5341293</u>	<u>8/23/94</u>	<u>Vertalney et al</u>	<u>395</u>	<u>159 X</u>	<u>5/19/91</u>	
<u>E</u>	<u>5305435</u>	<u>4/15/94</u>	<u>Bronson</u>	<u>395</u>	<u>159</u>	<u>7/17/90</u>	
<u>F</u>	<u>5247437</u>	<u>7/2/93</u>	<u>Vale et al</u>	<u>364</u>	<u>419.19</u>	<u>10/1/90</u>	
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FOREIGN PATENT DOCUMENTS							
*	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. DWG. PP. SPEC.
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EXAMINER FIELD DATE 5-21-02

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Form PTO-1449 (REV. 8-83) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY. DOCKE. SERIAL NO. 09/296,072

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

04860.1-4C 00207,108 APPLICANT Richard Mander et al. FILING DATE 07/34 GROUP 2501

U.S. PATENT DOCUMENTS

Table with 8 columns: *EXAMINER INITIAL, DOCUMENT NUMBER, DATE, NAME, CLASS, SUBCLASS, FILING DATE IF APPROPRIATE. The table is currently empty.

FOREIGN PATENT DOCUMENTS

Table with 7 columns: DOCUMENT NUMBER, DATE, COUNTRY, CLASS, SUBCLASS, TRANSLATION (YES/NO). Row 1: 3714172, 4/20/86, Beetz et al. DEX, YES, NO.

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Table with 2 columns: EXAMINER, DATE CONSIDERED. Row 1: FIELD, 5-21-82

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Form PTO-1449 (REV. 8-83) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

Sheet 1 of 1

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ATTY. DOCKET NO. 04860.P624
SERIAL NO. 09796,202

APPLICANT Mander, et al.
FILING DATE April 30, 1992
GROUP 1520 3 1995

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Handwritten initials</i>	5 1 4 0 6 7 7	8/18/92	Fleming, et al.	395	159	
<i>Handwritten initials</i>	4 8 8 5 7 0 4	12/5/89	Takagi et al.	375	159	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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TO SEPARATE, HOLD TOP AND BOTTOM EDGES, SNAP-APART AND DISCARD CARBON

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FORM PTO-892 (REV. 3-78)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	SERIAL NO. 16,121	GROUP PART UNIT 23	ATTACHMENT TO PAPER NUMBER B				
NOTICE OF REFERENCES CITED		APPLICANT(S) Mander et al						
U.S. PATENT DOCUMENTS								
	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE		
A	5060135	10-22-91	Levine et al	364	Dig 1 X	11-1-88		
B	5202828	4-13-93	Vertelney et al	395	159X	5-15-91		
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FOREIGN PATENT DOCUMENTS								
	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. DWG	PP. SPEC.
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EXAMINER	FIELD		DATE	5-24-02				
				J-43				
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Form PTO-1449
(REV. 8-83)

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ATTY. DOCKET NO.
04860.P624

Sheet 1 of 1
SERIAL NO. 09/796,292
976,001

INFORMATION DISCLOSURE CITATION

APPLICANT
Richard Mander et al.

FILING DATE
April 30, 1992

GROUP
230

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ST	4 9 4 5 4 7 5	7/31/90	Bruffey et al.	364	200	11/21/89
					RECEIVED	
					AUG 21 1992	
					GROUP 230	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

ST	<input checked="" type="checkbox"/>	Malone, T.W., How Do People Organize Their Desks? Implications for the Design of Office Information Systems. ACM Transactions on Office Information System, Vol. 1, No. 1, January 1983, pp. 99-112.
ST	<input checked="" type="checkbox"/>	Miller P. Terelbaum S., and Webb, K. BUSINESS an end-user oriented application development language, SIGMOD Record, 12, 1, (October 1981), pp. 38-69.
ST	<input checked="" type="checkbox"/>	"Term-Weighting in Automatic Text Retrieval", Information Processing & Management Vol. 24, No. 5, pp. 513-523, 1988.

EXAMINER *FIELD*

DATE CONSIDERED 5-20-92

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/796,292	02/27/2001	Richard Mander	04860.P0624C2	4465

7590 05/21/2002
James C. Scheller, Jr.
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Seventh Floor
12400 Wilshire Boulevard
Los Angeles, CA 90025-1026

EXAMINER

FEILD, JOSEPH H

ART UNIT PAPER NUMBER

2176

DATE MAILED: 05/21/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

PKS

Office Action Summary	Application No.	Applicant(s)	
	09/796,292	MANDER ET AL.	
	Examiner	Art Unit	
	JOSEPH H FEILD	2176	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 14 May 2001.

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 73-94 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 73-94 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on 14 May 2001 is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) The proposed drawing correction filed on _____ is: a) approved b) disapproved by the Examiner.
 If approved, corrected drawings are required in reply to this Office action.

12) The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
 * See the attached detailed Office action for a list of the certified copies not received.

14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 a) The translation of the foreign language provisional application has been received.

15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) <u>5</u> .	6) <input type="checkbox"/> Other:

DETAILED ACTION

1. This office action is responsive to Amdt. A, filed 2/27/01, Information Disclosure Statement, filed 2/27/01, and Drawings, filed 5/14/01.

Double Patenting

2. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. See *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and, *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent is shown to be commonly owned with this application. See 37 CFR 1.130(b).

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

3. Claims 73-94 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-8 of U.S. Patent No. 6,243,724-B1. Although the conflicting claims are not identical, they are not patentably distinct from each other because:

First, as Applicant admits at page 11 of Preliminary Amendment A, filed 2/27/01, "The foregoing new claims (73-94) are based upon the allowed claims 24, 31-33[, 61] and 84-86". Note, these were renumbered as claims 1-8, respectively, in the patent. The correspondence is as follows: New claims 85 and 90 correspond with claim 1 of

'724. New claims 87-89 and 92-94 correspond with claims 2-4 of the patent. New claims 86 and 91 correspond with claim 5 of the patent. New claims 73-76, 77-80, and 81-84, correspond with claims 6-8 of the patent (respectively, as grouped). Applicant further states, "For example, new claim 85 and new claim 90 are 'means for' and computer readable medium versions respectively of allowed claim 24. New claims 73-84 are based on allowed claims 84-8[5], and new claims 86 and 91 are based on allowed claim 61, and new claims 87-89 and 92-94 are based on allowed claims 31-33." Thus, as applicant states, the new claims contain subject matter analogous to that recited in the parent claims. It would have been obvious to one of ordinary skill in the art at the time of the invention to claim the method of claims 1-8 of '724 as apparatus or computer readable medium claims because it was well known at the time of the invention in the arts of document processing and graphical user interface that the methods correspond with the apparatus and computer readable medium. It was well known to rely on software and computer hardware to carry out document processing and graphical user interface functions.

Second, with respect to claims 73-76, the only difference between claim 73 and claim 6 of the '724 patent is that in claim 6 of the patent (see column 38, lines 44-48), "said first indicia of said first document being selected for display regardless of said first position on said graphical iconic representation" is claimed, whereas in the instant application, "said first position on said graphical iconic representation is capable of being at any one of a plurality of locations on said graphical iconic representations" is claimed. It would have been obvious to one of ordinary skill in the art at the time of the

invention to modify the claim language in such a manner because in the patent, the indicia is selected regardless of the first position, whereas in the instant claim, the first position can be placed anywhere, which actually broadens the scope of the parent claim. As such, the claim is rendered obvious in view of the parent claim. Claims 77-80 and 81-84 also contain the language, "capable of being . . . ", and are, therefore rendered obvious for the same reasons.

Application/Control Number: 09/796,292
Art Unit: 2176

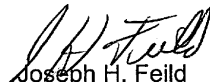
Page 5

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to JOSEPH H FEILD whose telephone number is (703) 305-9792. The examiner can normally be reached on Monday-Friday from 8:30 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, HEATHER HERNDON, can be reached on (703) 308-5186. The fax phone numbers for the organization where this application or proceeding is assigned are:

(703) 746-7238	(After Final Communication)
(703) 746-7239	(Official Communication)
(703) 746-7240	(Status Inquiries, Draft Communication).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.


Joseph H. Feild
Primary Examiner
Art Unit 2176
May 20, 2002

Notice of References Cited	Application/Control No. 09/796,292	Applicant(s)/Patent Under Reexamination MANDER ET AL.	
	Examiner JOSEPH H FEILD	Art Unit 2176	Page 1 of 1

U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A US-6,243,724-B1	06-2001	Mander et al.	345/810
	B US-			
	C US-			
	D US-			
	E US-			
	F US-			
	G US-			
	H US-			
	I US-			
	J US-			
	K US-			
	L US-			
	M US-			

FOREIGN PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N				
	O				
	P				
	Q				
	R				
	S				
	T				

NON-PATENT DOCUMENTS

*	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U
	V
	W
	X

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.



COPY OF PAP. ORIGINALLY FILED

2176 # 2 9-11

Atty. Docket No. 04860.P0624C2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

In re Application of:

Richard Mander, et al.

Examiner: J. Feild

AUG 27 2002

Application No. 09/796,292

Art Unit: 2176

Technology Center 2100

Filed: February 27, 2001

For: METHOD AND APPARATUS FOR ORGANIZING INFORMATION IN A COMPUTER SYSTEM

RECEIVED

AUG 23 2002

TC 1700

Handwritten: 9-10-02

Asst. Commissioner for Patents Washington, D.C. 20231

TERMINAL DISCLAIMER UNDER 37 C.F.R. § 1.321(c)

The undersigned attorney represents that the undersigned attorney is the attorney of record for the above-referenced patent application.

The assignee of the entire right, title, and interest in and to the above-referenced patent application is Apple Computer, Inc. ("assignee"), (Name of Assignee)

a California corporation having a place of business at (State of Incorporation)

1 Infinite Loop, M/S 3-PAT, Cupertino, California, 95014

FIRST CLASS CERTIFICATE OF MAILING (37 C.F.R. § 1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on:

August 8, 2002

Date of Deposit

Connie Thayer

Name of Person Mailing Correspondence

Handwritten signature: Connie Thayer

Signature

Handwritten date: 8-8-02

Date

RECEIVED

AUG 26 2002

TC 1700

13 SEP 2002 10:00 AM

13 SEP 2002

13 SEP 2002

The terminal part of any patent granted on the above-identified application that would extend beyond the expiration of the full statutory term of

United States Patent No. 6,243,724, entitled
METHOD AND APPARATUS FOR ORGANIZING INFORMATION
IN A COMPUTER SYSTEM, and dated
June 5, 2001, as presently shortened by any terminal disclaimer,
 any patent granted on application number 0_/_____

is hereby disclaimed, except as provided below, and it is agreed that any patent so granted on the above-identified application shall be enforceable only for and during such period that the legal title to said patent shall be the same as the legal title to

United States Patent No. 6,243,724,
 any patent granted on application number 0_/_____

this agreement to run with any patent granted on the above-identified application and to be binding upon the grantor, its successors, or assigns.

No disclaimer is being made as to any terminal part of any patent granted on the above-identified application prior to the expiration of the full statutory term of

United States Patent No. 6,243,724, as presently
shortened by any terminal disclaimer,
 any patent granted on application number 0_/_____

in the event that it later expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally disclaimed under 37 C.F.R. § 1.321(a), has all claims canceled by a reexamination certificate, is reissued, or is otherwise terminated prior to expiration of its statutory term as presently shortened by any terminal disclaimer, except for the separation of legal title stated above.

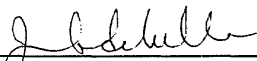
Enclosed is a check for \$ 110.00 for the fee under 37 C.F.R. § 1.20(d).

Please charge Deposit Account No. 02-2666 for any fee deficiency that may be due. A duplicate of this Terminal Disclaimer is enclosed for Deposit Account charging purposes.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 8/8, 2002



James C. Scheller, Jr.
Reg. No. 31,195

12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025-1026
(408) 720-8300



COPY OF PA-GRB
ORIGINALLY FILED

Atty. Docket No. 04860.P0624C2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
 Richard Mander, et al.)
 Application No. 09/796,292)
 Filed: February 27, 2001)
 For: METHOD AND APPARATUS FOR)
 ORGANIZING INFORMATION IN A)
 COMPUTER SYSTEM)

Examiner: J. Feild
Art Unit: 2176

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 AUG 27 2002
 Technology Center 2100
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 AUG 26 2002
 TC 1700

Asst. Commissioner for Patents
Washington, D.C. 20231

TERMINAL DISCLAIMER UNDER 37 C.F.R. § 1.321(c)

The undersigned attorney represents that the undersigned attorney is the attorney of record for the above-referenced patent application.

The assignee of the entire right, title, and interest in and to the above-referenced patent application is Apple Computer, Inc. ("assignee"),
(Name of Assignee)

a California corporation having a place of business at _____
(State of Incorporation)

1 Infinite Loop, M/S 3-PAT, Cupertino, California, 95014

FIRST CLASS CERTIFICATE OF MAILING (37 C.F.R. § 1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on:

August 8, 2002
Date of Deposit

Connie Thayer
Name of Person Mailing Correspondence
Connie Thayer
Signature
8-8-02
Date

The terminal part of any patent granted on the above-identified application that would extend beyond the expiration of the full statutory term of

United States Patent No. 6,243,724, entitled
METHOD AND APPARATUS FOR ORGANIZING INFORMATION
IN A COMPUTER SYSTEM, and dated
June 5, 2001, as presently shortened by any terminal disclaimer,
 any patent granted on application number 0 / _____

is hereby disclaimed, except as provided below, and it is agreed that any patent so granted on the above-identified application shall be enforceable only for and during such period that the legal title to said patent shall be the same as the legal title to

United States Patent No. 6,243,724,
 any patent granted on application number 0 / _____,

this agreement to run with any patent granted on the above-identified application and to be binding upon the grantor, its successors, or assigns.

No disclaimer is being made as to any terminal part of any patent granted on the above-identified application prior to the expiration of the full statutory term of

United States Patent No. 6,243,724, as presently
shortened by any terminal disclaimer,
 any patent granted on application number 0 / _____

in the event that it later expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally disclaimed under 37 C.F.R. § 1.321(a), has all claims canceled by a reexamination certificate, is reissued, or is otherwise terminated prior to expiration of its statutory term as presently shortened by any terminal disclaimer, except for the separation of legal title stated above.

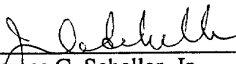
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Please charge Deposit Account No. 02-2666 for any fee deficiency that may be due. A duplicate of this Terminal Disclaimer is enclosed for Deposit Account charging purposes.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 8/8, 2002


James C. Scheller, Jr.
Reg. No. 31,195

12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025-1026
(408) 720-8300

87

Notice of Allowability	Application No.	Applicant(s)	
	09/796,292	MANDER ET AL.	
	Examiner	Art Unit	
	JOSEPH H FEILD	2176	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to Terminal Disclaimer, filed 8/19/02.
2. The allowed claim(s) is/are 73-94.
3. The drawings filed on 5/14/01 are accepted by the Examiner.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.
5. Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 - (a) The translation of the foreign language provisional application has been received.
6. Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE**

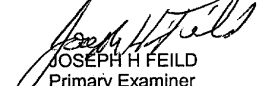
7. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. CORRECTED DRAWINGS must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No. _____.
 - (b) including changes required by the proposed drawing correction filed _____, which has been approved by the Examiner.
 - (c) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the top margin (not the back) of each sheet. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

9. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1 <input type="checkbox"/> Notice of References Cited (PTO-892) | 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____. |
| 5 <input type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. _____. | 6 <input type="checkbox"/> Examiner's Amendment/Comment |
| 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8 <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9 <input type="checkbox"/> Other |


 JOSEPH H FEILD
 Primary Examiner
 Art Unit: 2176



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 03/25/2003
James C. Scheller, Jr.
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Seventh Floor
12400 Wilshire Boulevard
Los Angeles, CA 90025-1026

EXAMINER
FEILD, JOSEPH H

ART UNIT CLASS-SUBCLASS
2176 707-500100

DATE MAILED: 03/25/2003

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

TITLE OF INVENTION: METHOD AND APPARATUS FOR ORGANIZING INFORMATION IN A COMPUTER SYSTEM

Table with 6 columns: APPLN. TYPE, SMALL ENTITY, ISSUE FEE, PUBLICATION FEE, TOTAL FEE(S) DUE, DATE DUE

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

Handwritten initials/signature

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** **Box ISSUE FEE**
Commissioner for Patents
Washington, D.C. 20231
Fax (703)746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590 03/25/2003
James C. Scheller, Jr.
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
 Seventh Floor
 12400 Wilshire Boulevard
 Los Angeles, CA 90025-1026

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

_____ (Depositor's name)
_____ (Signature)
_____ (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/796,292	02/27/2001	Richard Mander	04860.P0624C2	4465

TITLE OF INVENTION: METHOD AND APPARATUS FOR ORGANIZING INFORMATION IN A COMPUTER SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1300	\$300	\$1600	06/25/2003

EXAMINER	ART UNIT	CLASS-SUBCLASS
FEILD, JOSEPH H	2176	707-500100

- | | |
|--|---|
| <p>1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</p> <p><input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.</p> | <p>2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.</p> <p>1 _____</p> <p>2 _____</p> <p>3 _____</p> |
|--|---|

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE _____ (B) RESIDENCE: (CITY and STATE OR COUNTRY) _____

Please check the appropriate assignee category or categories (will not be printed on the patent) individual corporation or other private group entity government

- 4a. The following fee(s) are enclosed:
- Issue Fee
- Publication Fee
- Advance Order - # of Copies _____
- 4b. Payment of Fee(s):
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Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) _____ (Date) _____

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20221
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/796,292	02/27/2001	Richard Mander	04860.P0624C2	4465
	7590 03/25/2003		EXAMINER	
James C. Scheller, Jr. BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP Seventh Floor 12400 Wilshire Boulevard Los Angeles, CA 90025-1026			FEILD, JOSEPH H	
			ART UNIT	PAPER NUMBER
			2176	
DATE MAILED: 03/25/2003				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The patent term adjustment to date is 24 days. If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the term adjustment will be 24 days.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (<http://pair.uspto.gov>)

Any questions regarding the patent term extension or adjustment determination should be directed to the Office of Patent Legal Administration at (703)305-1383.



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UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
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www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
09/796,292	02/27/2001	Richard Mander	04860.P0624C2	4465		
	7590 03/25/2003		EXAMINER			
James C. Scheller, Jr. BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP Seventh Floor 12400 Wilshire Boulevard Los Angeles, CA 90025-1026 UNITED STATES			FEILD, JOSEPH H			
			ART UNIT		PAPER NUMBER	
			2176			
			DATE MAILED: 03/25/2003			

Notice of Fee Increase on January 1, 2003

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after January 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on January 1, 2003. See Revision of Patent and Trademark Fees for Fiscal Year 2003; Final Rule, 67 Fed. Reg. 70847, 70849 (November 27, 2002).

The current fee schedule is accessible from: <http://www.uspto.gov/main/howtofees.htm>.

If the issue fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due," but not the correct amount in view of the fee increase, a "Notice to Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice to Pay Balance of Issue Fee," if the response to the Notice of Allowance and Fee(s) due form is to be filed on or after January 1, 2003 (or mailed with a certificate of mailing on or after January 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



BJ ac

PART B - FEE(S) TRANSMITTAL

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Commissioner for Patents
Washington, D.C. 20231
Fax (703)746-4000

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CURRENT CORRESPONDENCE ADDRESS (NOTE: USE ONLY inside-top with any corrections on this block 1)

7590 03/25/2003
James C. Scheller, Jr.
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Seventh Floor
12400 Wilshire Boulevard
Los Angeles, CA 90025-1026

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Connie Thayer (Depositor's name)
Connie Thayer (Signature)
June 25, 2003 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09796292	02/27/2001	Richard Mander	04860.P0624C2	4465

TITLE OF INVENTION: METHOD AND APPARATUS FOR ORGANIZING INFORMATION IN A COMPUTER SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1300	\$300	\$1600	06/25/2003

EXAMINER	ART UNIT	CLASS-SUBCLASS
FEILD, JOSEPH H	2176	707-500100

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563).
 1.1 Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
 1.2 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. BLAKELY, SOKOLOFF,
 2. TAYLOR & ZAFMAN LLP
 3.

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 (A) NAME OF ASSIGNEE Apple Computer, Inc.,
 (B) RESIDENCE: (CITY and STATE OR COUNTRY) Cupertino, California

Please check the appropriate assignee category or categories (will not be printed on the patent) individual corporation or other private group entity government

4a. The following fee(s) are enclosed:
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Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signatory) *James C. Scheller, Jr.* (Date) 6/25/2003
#31195 07/02/2003 G6BREG1 00000013 09796292

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01 FC:1501 1300.00 OP
 02 FC:1504 300.00 OP
 03 FC:8001 30.00 OP

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DATE: Monday, March 24, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
	<i>DB=USPT,PGPB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
L7	(5132900 5204812 5233687 5303388 5317686 5339390)! [pn]	12	L7
L6	corkscrew and L5	10	L6
L5	lucas.in.	4445	L5
L4	L3 same (l1 or l2)	79	L4
L3	(collection or group\$3 or set) near2 document	11372	L3
L2	thumbnail or thumb nail	3295	L2
L1	icon\$5 near3 document	854	L1

END OF SEARCH HISTORY



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Search Results - Record(s) 1 through 12 of 12 returned.

1. Document ID: FR 2662009 A US 5303388 A US 5452414 A Relevance Rank: 52

L7: Entry 10 of 12 File: DWPI Nov 15, 1991

DERWENT-ACC-NO: 1992-034775
DERWENT-WEEK: 199205
COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Manipulatable computer screen ICON to show different faces or views - screen displays how ICON is being moved to provide information carried on its various faces

INVENTOR: KREITMAN, K; MOUNTFORD, S J ; MOUNTFORD, J ; ROSENDAHL, K ; SCHMUCKER, K J

PRIORITY-DATA: 1990US-0521067 (May 9, 1990), 1993US-0052865 (April 23, 1993), 1994US-0225738 (April 11, 1994)

Table with 5 columns: PUB-NO, PUB-DATE, LANGUAGE, PAGES, MAIN-IPC. Rows include FR 2662009 A, US 5303388 A, and US 5452414 A.

INT-CL (IPC): G06F 3/00; G06F 15/62

SECONDARY-ACC-NO:
Non-CPI Secondary Accession Numbers: N1992-026578



2. Document ID: EP 426593 A EP 426593 A3 US 5204812 A Relevance Rank: 50

L7: Entry 12 of 12 File: DWPI May 8, 1991

DERWENT-ACC-NO: 1991-134964
DERWENT-WEEK: 199119
COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Access to multiple document via document relationships - by defining relationships between document sets and deriving access classifications

INVENTOR: KASIRAJ, C; TAYLOR, J L ; WOLF, T J

PRIORITY-DATA: 1989US-0430846 (November 2, 1989), 1992US-0823085 (January 15, 1992)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 426593 A	May 8, 1991		000	
EP 426593 A3	October 13, 1993		000	
US 5204812 A	April 20, 1993		006	G06F015/38

DESIGNATED-STATES: DE FR GB

CITED-DOCUMENTS:NoSR.Pub; 6.Jnl.Ref ; EP 200227 ; EP 229232 ; EP 322104 ; EP 336279

INT-CL (IPC): G06F 15/21; G06F 15/38

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1991-103701

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Clip Img	Image
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3. Document ID: EP 447095 A JP 3245655 B2 EP 447095 A3 US 5339390 A EP 447095 B1 DE 69129712 E Relevance Rank: 50

L7: Entry 11 of 12

File: DWPI

Sep 18, 1991

DERWENT-ACC-NO: 1991-275703

DERWENT-WEEK: 200206

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TITLE: Work-space display for data processing system - has middle and two peripheral sections which appear as rectangular 2-D surface and are perceptible in three dimensions

INVENTOR: CARD, S K; MACKINLAY, J ; ROBERTSON, G G

PRIORITY-DATA: 1990US-0488587 (March 5, 1990), 1993US-0023466 (February 25, 1993)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 447095 A	September 18, 1991		000	
JP 3245655 B2	January 15, 2002		015	G09G005/36
EP 447095 A3	February 24, 1993		000	
US 5339390 A	August 16, 1994		021	G06F015/62
EP 447095 B1	July 8, 1998	E	000	G06T011/20
DE 69129712 E	August 13, 1998		000	G06T011/20

DESIGNATED-STATES: DE FR GB DE FR GB

CITED-DOCUMENTS:NoSR.Pub; 1.Jnl.Ref ; EP 260144 ; GB 2139846 ; US 4528585

INT-CL (IPC): G06F 3/14; G06F 15/62; G06F 15/72; G06T 11/20; G09G 5/34; G09G 5/36

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1991-210604

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Clip Img	Image
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4. Document ID: WO 9204678 A EP 548240 A1 US 5317686 A Relevance Rank: 50

L7: Entry 9 of 12

File: DWPI

Mar 19, 1992

DERWENT-ACC-NO: 1992-114509
 DERWENT-WEEK: 199214
 COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Multidimensional reformattable spread sheet apparatus - has user definable icons identifying each dimension formed of user definable items

INVENTOR: EDELSON, G D; KLEPPNER, P S; SALAS, R; SHAVER, R S; SALAS, R P

PRIORITY-DATA: 1990US-0580320 (September 10, 1990), 1993US-0033052 (March 10, 1993)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 9204678 A	March 19, 1992		079	
EP 548240 A1	June 30, 1993	E	079	G06F015/20
US 5317686 A	May 31, 1994		037	G06F015/62

DESIGNATED-STATES: JP AT CH DE DK ES GB GR LU NL SE AT BE CH DE DK ES FR GB GR IT LI
 LU NL SE

CITED-DOCUMENTS: 2.Jnl.Ref; EP 294187 ; EP 325081 ; EP 410452

INT-CL (IPC): G06F 15/20; G06F 15/62

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1992-085596

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KWIC](#) [Draw Desc](#) [Clip Img](#) [Image](#)

 5. Document ID: US 5132900 A Relevance Rank: 50

L7: Entry 8 of 12

File: DWPI

Jul 21, 1992

DERWENT-ACC-NO: 1992-268213
 DERWENT-WEEK: 199232
 COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Limiting manipulation of documents within multi-document relationship in data processing system - creating user preference object to store preferences for documents containing set attributes, allowing distribution of documents with incompatible characteristics

INVENTOR: GILCHRIST, F W; WILLIAMS, M L

PRIORITY-DATA: 1990US-0633880 (December 26, 1990)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5132900 A	July 21, 1992		012	G06F015/38

INT-CL (IPC): G06F 15/38

SECONDARY-ACC-NO:
Non-CPI Secondary Accession Numbers: N1992-205170

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)

[KMC](#) [Draw Desc](#) [Clip Img](#) [Image](#)

6. Document ID: US 5233687 A Relevance Rank: 50

L7: Entry 7 of 12

File: DWPI

Aug 3, 1993

DERWENT-ACC-NO: 1993-258238
DERWENT-WEEK: 199633
COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: User interface with multiple work spaces for sharing display system - has display object unit for generating display elements, each workspace data structure being coupled to display unit

INVENTOR: CARD, S K; HENDERSON, D A

PRIORITY-DATA: 1987US-0030766 (March 25, 1987), 1991US-0805343 (December 9, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5233687 A	August 3, 1993		045	G06F015/20

INT-CL (IPC): G06F 15/20

RELATED-ACC-NO: 1992-007073 ;1995-106527 ;1996-321534

SECONDARY-ACC-NO:
Non-CPI Secondary Accession Numbers: N1993-198728

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)

[KMC](#) [Draw Desc](#) [Clip Img](#) [Image](#)

7. Document ID: US 5132900 A Relevance Rank: 50

L7: Entry 6 of 12

File: USPT

Jul 21, 1992

US-PAT-NO: 5132900
DOCUMENT-IDENTIFIER: US 5132900 A

TITLE: Method and apparatus for limiting manipulation of documents within a multi-document relationship in a data processing system

DATE-ISSUED: July 21, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gilchrist; Frank W.	Coppell	TX		
Williams; Marvin L.	Lewisville	TX		

INT-CL: [05] G06F 15/38

US-CL-ISSUED: 364/419
US-CL-CURRENT: 707/9

FIELD-OF-SEARCH: 364/419, 364/9MSFile, 364/2MSFile

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<u>4815030</u>	March 1989	Cross et al.	364/900
<u>4959769</u>	September 1990	Cooper et al.	364/200

ART-UNIT: 231

PRIMARY-EXAMINER: Shaw; Dale M.

ASSISTANT-EXAMINER: Chung; Xuong M.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	MMIC	Drawn	Desc	Image
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 8. Document ID: US 5204812 A Relevance Rank: 50

L7: Entry 5 of 12

File: USPT

Apr 20, 1993

US-PAT-NO: 5204812
DOCUMENT-IDENTIFIER: US 5204812 A

TITLE: User access of multiple documents based on document relationship classification

DATE-ISSUED: April 20, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kasiraj; Chander	Grapevine	TX		
Taylor; James L.	Coppell	TX		
Wolf; Timothy J.	Raleigh	NC		

INT-CL: [05] G06F 15/38

US-CL-ISSUED: 364/419

US-CL-CURRENT: 707/9; 715/514

FIELD-OF-SEARCH: 364/419, 395/144-146, 395/148

PRIOR-ART-DISCLOSED:

OTHER PUBLICATIONS

"Handy Guide To Orbit".

ART-UNIT: 231

PRIMARY-EXAMINER: Hayes; Gail O.

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

9. Document ID: US 5233687 A Relevance Rank: 50

L7: Entry 4 of 12

File: USPT

Aug 3, 1993

US-PAT-NO: 5233687

DOCUMENT-IDENTIFIER: US 5233687 A

TITLE: User interface with multiple workspaces for sharing display system objects

DATE-ISSUED: August 3, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Henderson, Jr.; D. Austin Card; Stuart K.	Palo Alto Los Altos Hills	CA		
Maxwell, III; John T.	Sunnyvale	CA		

INT-CL: [05] G06F 15/20

US-CL-ISSUED: 395/158

US-CL-CURRENT: 345/804; 345/788, 345/835, 345/853, 345/854

FIELD-OF-SEARCH: 395/158, 395/159, 340/724, 340/716, 382/44-46

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<u>4658351</u>	April 1987	Teng	364/200
<u>4688167</u>	August 1987	Agawaral	364/200
<u>5072412</u>	December 1991	Henderson, Jr. et al.	395/158
<u>5088052</u>	February 1992	Spielman et al.	395/158
<u>5129055</u>	July 1992	Yamazaki et al.	395/158

OTHER PUBLICATIONS

Feiner, Steven et al., "An Experimental System for Creating and Presenting Interactive Graphical Documents," ACM Transactions on Graphics, vol. 1, No. 1, Jan. 1982, pp. 59-88.

Filing Protocol, Xerox Corporation, XNSS 108605, Publication No. 610P50679, May 1986.

NoteCards.TM. Release 1.2i Reference Manual, Xerox Special Information Systems, Xerox Corporation, 1985.

ART-UNIT: 231

PRIMARY-EXAMINER: Herndon; Heather R.

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

10. Document ID: US 5303388 A Relevance Rank: 50

L7: Entry 3 of 12

File: USPT

Apr 12, 1994

US-PAT-NO: 5303388

DOCUMENT-IDENTIFIER: US 5303388 A

TITLE: Method to display and rotate a three-dimensional icon with multiple faces

DATE-ISSUED: April 12, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kreitman; Kristee	San Francisco	CA		
Mountford; Joy	Mountain View	CA		

INT-CL: [05] G06F 15/62

US-CL-ISSUED: 395/159; 395/137

US-CL-CURRENT: 345/836; 345/839, 345/848, 345/976, 345/977, 345/978

FIELD-OF-SEARCH: 395/119-127, 395/155-161, 340/706, 340/709-710, 340/723-724, 358/90, 345/126, 345/121-122, 345/902

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<u>4601003</u>	July 1986	Yoneyama et al.	395/159
<u>4685070</u>	August 1987	Flinchbaugh	395/124
<u>4813013</u>	March 1989	Dunn	395/159
<u>4866638</u>	September 1989	Cosentino et al.	395/159
<u>4899136</u>	February 1990	Beard et al.	395/159 X
<u>4901221</u>	February 1990	Kodosky et al.	395/159
<u>4905163</u>	February 1990	Garber et al.	395/63
<u>4914568</u>	April 1990	Kodosky et al.	395/275
<u>5019809</u>	May 1991	Chen	340/706 X
<u>5072412</u>	December 1991	Henderson, Jr. et al.	395/159

OTHER PUBLICATIONS

Tyson, R. Henry and Scott E. Hudson, "Multidimensional Icons", ACM Transactions on Graphics, Jan. 1990, pp. 133-137.

Chen et al., "A Study in Interactive 3-D Rotation Using 2-D Control Devices", Computer Graphics, Aug. 1988, pp. 121-129.

Brennan, "Microecture boosts CAD software with database, 3-D program", PC Week, Jun. 14, 1988, p. 30(1).

Hordeski, "The Illustrated Dictionary of Microcomputers", 3rd Ed., p. 167.

Custer, "Stacking the Deck", Mac User, Dec. 1987, p. 112(8).

Wesley, "A guide to Guide", Mac User, Jan. 1988, p. 126(5).

Hyper Card User's Guide, Apple Corp., 1988, pp. 1-161, 185-195.

Gregory M. Nielson and Dan R. Olsen, Jr., "Direct Manipulation Techniques for 3D Objects Using 2D Locator Devices," Interactive 3D Graphics, pp. 175-182 (Oct. 23-24, 1986).

Ivan E. Sutherland, "Three-Dimensional Data Input by Tablet," reprinted from Proceedings of the IEEE, pp. 266-274 (Apr. 1974).

French Search Report dated May 7, 1993.

"Mail-Waiting Icon for PC-based Office System", IBM Technical Disclosure Bulletin, vol. 32, No. 6B, Nov. 1989, pp. 173-174.
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ART-UNIT: 231

PRIMARY-EXAMINER: Herndon; Heather R.

ASSISTANT-EXAMINER: Breene; John E.

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)

[KMC](#) [Draw Desc](#) [Image](#)

11. Document ID: US 5317686 A Relevance Rank: 50

L7: Entry 2 of 12

File: USPT

May 31, 1994

US-PAT-NO: 5317686

DOCUMENT-IDENTIFIER: US 5317686 A

TITLE: Data processing apparatus and method for a reformattable multidimensional spreadsheet

DATE-ISSUED: May 31, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Salas; R. Pito	Arlington	MA		
Edelson; Glenn D.	Boston	MA		
Kleppner; Paul S.	Cambridge	MA		
Shaver; Robert S.	Watertown	MA		

INT-CL: [05] G06F 15/62

US-CL-ISSUED: 395/157; 395/157, 395/161

US-CL-CURRENT: 715/503; 345/835, 345/866

FIELD-OF-SEARCH: 395/154-161, 395/152, 395/148, 395/144, 395/145-147, 395/149-151, 395/153, 395/800, 395/119

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<u>4601003</u>	July 1986	Yoneyama et al.	395/159
<u>4712191</u>	December 1987	Penna	395/159
<u>4899136</u>	February 1990	Beard et al.	395/157
<u>4901221</u>	February 1990	Kodosky et al.	395/161
<u>5018077</u>	May 1991	Healey	395/148
<u>5033009</u>	July 1991	Dubnoff	395/148
<u>5043916</u>	August 1991	Kawai	395/144
<u>5055998</u>	October 1991	Wright et al.	395/800
<u>5065347</u>	November 1991	Pajak et al.	395/159
<u>5093907</u>	March 1992	Hwong et al.	395/152

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
0294187	December 1988	EP	
0325081	July 1989	EP	
0410452A2	January 1991	EP	

OTHER PUBLICATIONS

1-2-3 Release 2.2 Quick Reference, 1989, pp. 1-13, 18-19, 38-49, 57-58, 62-65, 86-154.
 Microsoft Works User's Guide, 1989, pp. 103-143.
 Antonoff, "New Dimensions for Spreadsheets", Personal Computing, Mar. 1988, pp. 122-130.
 Jackson, "Graphic Expansion", PC User, Apr. 11, 1990, p. 48(6).
 Stinson, "1-2-3, Release 3", PC Magazine, Sep. 12, 1989, pp. 33-36.
 Lucid 3-D Tutorial Guide, Personal Computer Support Group, Inc., 1987, pp. 15-26-15-27, Chpts. 16, 22-23, 17-1.
 "Number Crunching Takes On New Dimensions" by Judy Duncan, Info World, Product Comparison Section pp. 51-59, Jul. 9, 1990.
 Tore Risch et al., "A Functional Approach to Integrating Database and Expert Systems", Communications of the ACM, Dec. 1988, vol. 31, No. 12, pp. 1424-1437.
 Weichang Du et al., "A 3D Spreadsheet Based on Intensional Logic", IEEE Software, May 1990, No. 3, Los Alamitos, Calif., pp. 78-89.

ART-UNIT: 231

PRIMARY-EXAMINER: Herndon; Heather R.

ASSISTANT-EXAMINER: Breene; John E.

Full	Title	Citation	Front	Review	Classification	Date	References	Sequences	Attachments
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MMCC	Draw	Desc	Image
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 12. Document ID: US 5339390 A Relevance Rank: 50

L7: Entry 1 of 12

File: USPT

Aug 16, 1994

US-PAT-NO: 5339390

DOCUMENT-IDENTIFIER: US 5339390 A

TITLE: Operating a processor to display stretched continuation of a workspace

DATE-ISSUED: August 16, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Robertson; George G.	Palo Alto	CA		
Mackinlay; Jock	Palo Alto	CA		
Card; Stuart K.	Los Altos Hills	CA		

INT-CL: [05] G06F 15/62

US-CL-ISSUED: 395/157; 395/161

US-CL-CURRENT: 345/782; 345/848

FIELD-OF-SEARCH: 395/118-126, 395/127, 395/139, 395/155-161, 395/133, 340/721, 345/122-123, 345/119, 345/127, 345/131

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<u>4528585</u>	July 1985	Bolger	358/22
<u>4649499</u>	March 1987	Sutton et al.	395/156 X
<u>4685070</u>	August 1987	Flinchbaugh	395/124
<u>4808987</u>	February 1989	Takeda et al.	340/721
<u>4858149</u>	August 1989	Quarendon	395/119
<u>4974173</u>	November 1990	Stefik et al.	395/159 X
<u>4974344</u>	January 1991	Jordan	395/159 X
<u>4982344</u>	January 1991	Jordan	395/159 X
<u>5008853</u>	April 1991	Bly et al.	395/153
<u>5021976</u>	June 1991	Wexelbat et al.	395/159
<u>5072412</u>	December 1991	Henderson, Jr. et al.	395/159
<u>5103217</u>	April 1992	Cawley	395/129
<u>5107443</u>	April 1992	Smith et al.	395/158
<u>5146555</u>	September 1992	Kiyohara	395/157

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
260144A2	September 1987	EP	
319232A	June 1989	EP	
0353952	February 1990	EP	
2139846A	March 1984	GB	

OTHER PUBLICATIONS

Dalton, R. "Beyond Bifocals: Help for tired eyes," Lotus, vol. 4, No. 10, Oct. 1988, pp. 17-18.
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Models," Computer Graphics, 20, 4, Aug. 1986, pp. 151-160.
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 Herot, C. F., "Spatial Management of Data", ACM Trans. on Database Systems, vol. 5, No. 4 (Dec. 1980), pp. 493-514.
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 Nielsen, "The Art of Navigating through Hypertext", Mar. 1990, Com. of the ACM, pp. 297-310.
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ART-UNIT: 231

PRIMARY-EXAMINER: Herndon; Heather R.

ASSISTANT-EXAMINER: Breene; John E.

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMC Draw Desc Image

Generate Collection Print

Term	Documents
"5132900"[DWPI,USPT,PGPB]	2
"5204812"[DWPI,USPT,PGPB]	3
"5233687"[DWPI,USPT,PGPB]	4
"5303388"[DWPI,USPT,PGPB]	8
"5317686"[DWPI,USPT,PGPB]	4
"5339390"[DWPI,USPT,PGPB]	3
("5132900" "5204812" "5339390" "5233687" "5317686" "5303388")![PN].USPT,PGPB,DWPI,TDBD.	12
((5132900 5204812 5233687 5303388 5317686 5339390)![PN]).USPT,PGPB,DWPI,TDBD.	12

Display Format: TI Change Format

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Generate Collection Print

Search Results - Record(s) 1 through 10 of 10 returned.

1. Document ID: US 5499330 A Relevance Rank: 59

L6: Entry 9 of 10 File: USPT Mar 12, 1996

US-PAT-NO: 5499330
DOCUMENT-IDENTIFIER: US 5499330 A

TITLE: Document display system for organizing and displaying documents as screen objects organized along strand paths

DATE-ISSUED: March 12, 1996

US-CL-CURRENT: 715/514; 345/764, 345/848, 345/854, 345/863

APPL-NO: 08/ 123403
DATE FILED: September 17, 1993

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

2. Document ID: US 5528739 A Relevance Rank: 59

L6: Entry 8 of 10 File: USPT Jun 18, 1996

US-PAT-NO: 5528739
DOCUMENT-IDENTIFIER: US 5528739 A

TITLE: Documents having executable attributes for active mail and digitized speech to text conversion

DATE-ISSUED: June 18, 1996

US-CL-CURRENT: 715/526; 704/270

APPL-NO: 08/ 123405
DATE FILED: September 17, 1993

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

3. Document ID: US 5544051 A Relevance Rank: 59

L6: Entry 7 of 10 File: USPT Aug 6, 1996

US-PAT-NO: 5544051
DOCUMENT-IDENTIFIER: US 5544051 A

TITLE: Document management system using multiple threaded processes and having asynchronous repository responses and no busy cursor

DATE-ISSUED: August 6, 1996

US-CL-CURRENT: 707/3

APPL-NO: 08/ 406831

DATE FILED: March 20, 1995

PARENT-CASE:

This application is a continuation of application Ser. No. 08/123,406, filed Sep. 17, 1993, now abandoned.

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

4. Document ID: US 5600833 A Relevance Rank: 59

L6: Entry 6 of 10

File: USPT

Feb 4, 1997

US-PAT-NO: 5600833

DOCUMENT-IDENTIFIER: US 5600833 A

TITLE: Attribute portion based document retrieval system with system query language interface

DATE-ISSUED: February 4, 1997

US-CL-CURRENT: 707/1

APPL-NO: 08/ 410593

DATE FILED: March 24, 1995

PARENT-CASE:

This application is a continuation of application Ser. No. 08/123,541, filed Sep. 17, 1993 now abandoned.

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

5. Document ID: US 5621874 A Relevance Rank: 59

L6: Entry 5 of 10

File: USPT

Apr 15, 1997

US-PAT-NO: 5621874

DOCUMENT-IDENTIFIER: US 5621874 A

TITLE: Three dimensional document representation using strands

DATE-ISSUED: April 15, 1997

US-CL-CURRENT: 715/500; 345/700, 345/774, 345/850, 345/854

APPL-NO: 08/ 476792

DATE FILED: June 7, 1995

PARENT-CASE:

This is a continuation of Ser. No. 08/123,403 filed on Sep. 17, 1993 now issued as U.S. Pat. No. 5,499,330.

Full Title Citation Front Review Classification Date Reference Sequences Attachments

RMC Draw Desc Image

 6. Document ID: US 5905992 A Relevance Rank: 59

L6: Entry 4 of 10

File: USPT

May 18, 1999

US-PAT-NO: 5905992

DOCUMENT-IDENTIFIER: US 5905992 A

TITLE: Document display system for organizing and displaying documents as screen objects organized along strand paths

DATE-ISSUED: May 18, 1999

US-CL-CURRENT: 715/514; 345/848, 345/854

APPL-NO: 08/ 756207

DATE FILED: November 25, 1996

PARENT-CASE:

This is a continuation of pending prior application Ser. No. 08/476,792, filed on Jun. 7, 1995, now issued as U.S. Pat. No. 5,621,874, which is a continuation of prior application Ser. No. 08/123,403, filed on Sep. 17, 1993, now issued as U.S. Pat. No. 5,499,330.

Full Title Citation Front Review Classification Date Reference Sequences Attachments

RMC Draw Desc Image

 7. Document ID: US 6012072 A Relevance Rank: 59

L6: Entry 3 of 10

File: USPT

Jan 4, 2000

US-PAT-NO: 6012072

DOCUMENT-IDENTIFIER: US 6012072 A

TITLE: Display apparatus for the display of documents in a three-dimensional workspace

DATE-ISSUED: January 4, 2000

US-CL-CURRENT: 715/526; 345/625, 345/629, 345/634

APPL-NO: 08/ 583325

DATE FILED: January 5, 1996

PARENT-CASE:

This application is a continuation of application Ser. No. 08/123,416, filed on Sep. 17, 1993, now abandoned.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMCS	Draw Desc	Image
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8. Document ID: US 6012074 A Relevance Rank: 59

L6: Entry 2 of 10 File: USPT Jan 4, 2000

US-PAT-NO: 6012074
DOCUMENT-IDENTIFIER: US 6012074 A

TITLE: Document management system with delimiters defined at run-time

DATE-ISSUED: January 4, 2000

US-CL-CURRENT: 715/531

APPL-NO: 08/ 810838
DATE FILED: March 4, 1997

PARENT-CASE:
This application is a continuation of application Ser. No. 08/561,218, filed Nov. 21, 1995, now abandoned, which is a continuation of application Ser. No. 08/123,542, filed Sep. 17, 1993 all abandoned.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMCS	Draw Desc	Image
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9. Document ID: US 6151610 A Relevance Rank: 59

L6: Entry 1 of 10 File: USPT Nov 21, 2000

US-PAT-NO: 6151610
DOCUMENT-IDENTIFIER: US 6151610 A

TITLE: Document display system using a scripting language having container variables setting document attributes

DATE-ISSUED: November 21, 2000

US-CL-CURRENT: 715/516

APPL-NO: 08/ 579559
DATE FILED: December 27, 1995

PARENT-CASE:
This application is a continuation of application Ser. No. 08/122,995, filed on Dec. 27, 1993 abandoned.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMCS	Draw Desc	Image
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10. Document ID: US 4669245 A Relevance Rank: 55

L6: Entry 10 of 10 File: USPT Jun 2, 1987

US-PAT-NO: 4669245
DOCUMENT-IDENTIFIER: US 4669245 A

TITLE: A device for the forming joints in a floor pavement of the industrial type generally made of concrete

DATE-ISSUED: June 2, 1987

US-CL-CURRENT: 52/370; 52/318, 52/372

DISCLAIMER DATE: 20020402

APPL-NO: 06/ 697398
DATE FILED: February 1, 1985

FOREIGN-APPL-PRIORITY-DATA:
COUNTRY APPL-NO APPL-DATE
FR 84 01978 February 7, 1984

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMOC Draw Desc Image

Generate Collection Print

Term	Documents
CORKSCREW.DWPI,TDBD,USPT,PGPB.	2174
CORKSCREWS.DWPI,TDBD,USPT,PGPB.	236
(5 AND CORKSCREW).USPT,PGPB,DWPI,TDBD.	10
(CORKSCREW AND L5).USPT,PGPB,DWPI,TDBD.	10

Display Format: - Change Format

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Muno

PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2000			Application or Docket Number <i>0979 1292</i>	
CLAIMS AS FILED - PART I			SMALL ENTITY TYPE <input type="checkbox"/> OR OTHER THAN SMALL ENTITY	
(Column 1)	(Column 2)		RATE	FEE
TOTAL CLAIMS	<i>13</i>		BASIC FEE	355.00
FOR	NUMBER FILED	NUMBER EXTRA	X\$ 9=	
TOTAL CHARGEABLE CLAIMS	<i>22</i> minus 20= * <i>2</i>		X40=	
INDEPENDENT CLAIMS	<i>29</i> minus 3 = * <i>6</i>		+135=	
MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/>			TOTAL	
* If the difference in column 1 is less than zero, enter "0" in column 2			OR	
			TOTAL	<i>226</i>
CLAIMS AS AMENDED - PART II			SMALL ENTITY <input type="checkbox"/> OR OTHER THAN SMALL ENTITY	
(Column 1)	(Column 2)	(Column 3)	RATE	ADDITIONAL FEE
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR		
	Total * Minus **	PRESENT EXTRA =	X\$ 9=	
	Independent * Minus ***	PRESENT EXTRA =	X40=	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			+135=
			TOTAL ADDIT. FEE	
			OR	
			TOTAL ADDIT. FEE	
(Column 1)	(Column 2)	(Column 3)	RATE	ADDITIONAL FEE
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR		
	Total * Minus **	PRESENT EXTRA =	X\$ 9=	
	Independent * Minus ***	PRESENT EXTRA =	X40=	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			+135=
			TOTAL ADDIT. FEE	
			OR	
			TOTAL ADDIT. FEE	
(Column 1)	(Column 2)	(Column 3)	RATE	ADDITIONAL FEE
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR		
	Total * Minus **	PRESENT EXTRA =	X\$ 9=	
	Independent * Minus ***	PRESENT EXTRA =	X40=	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			+135=
			TOTAL ADDIT. FEE	
			OR	
			TOTAL ADDIT. FEE	
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.				
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."				
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."				
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.				