

EXHIBIT 1.10

Interview Summary

Application No. 08/821,004	Applicant(s) Christensen
Examiner Crescelle Delatorre	Group Art Unit 2415



All participants (applicant, applicant's representative, PTO personnel):

- (1) Crescelle Delatorre - Patent Examiner (3) _____
(2) Judith Szepesi - Applicant's Representative (4) _____

Date of Interview Oct 28, 1997

Type: Telephonic Personal (copy is given to applicant applicant's representative).

Exhibit shown or demonstration conducted: Yes No. If yes, brief description:

Agreement was reached. was not reached.

Claim(s) discussed: 1

Identification of prior art discussed:

Cohausz (EPO O 584 392 A1)

Description of the general nature of what was agreed to if an agreement was reached, or any other comments:

Applicant's representative discussed the difference between the present invention and the Cohausz reference, and pointed out that Cohausz does not teach a status bar for a plurality of application programs, but rather teaches a status indicator for a single program. It was suggested that applicant amend the independent claims to make the above point more clear by amending the phrase "individual programming modules" which the examiner interpreted as individual programming fields representing portions of a single program.

(A fuller description, if necessary, and a copy of the amendments, if available, which the examiner agreed would render the claims allowable must be attached. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be attached.)

1. It is not necessary for applicant to provide a separate record of the substance of the interview.

Unless the paragraph above has been checked to indicate to the contrary, A FORMAL WRITTEN RESPONSE TO THE LAST OFFICE ACTION IS NOT WAIVED AND MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a response to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW.

2. Since the Examiner's interview summary above (including any attachments) reflects a complete response to each of the objections, rejections and requirements that may be present in the last Office action, and since the claims are now allowable, this completed form is considered to fulfill the response requirements of the last Office action. Applicant is not relieved from providing a separate record of the interview unless box 1 above is also checked.

10/28/97

Cn2

Examiner Note: You must sign and stamp this form unless it is an attachment to a signed Office action.



#16
12-5-97
B.H. Hilliard

Attorney's Office No. 04860.P1365C

Patent

In Re the Application of: Steven W. Christensen

(inventor(s))

Application No.: 08/821,004

Filed: March 20, 1997

For: METHOD AND APPARATUS FOR DISPLAYING AND ACCESSING CONTROL AND STATUS INFORMATION IN A COMPUTER SYSTEM

(title)

Group Art Unit: 2415

Examiner: Dela Torre, C.

NOTICE OF APPEAL FROM THE EXAMINER TO THE BOARD OF PATENT APPEALS AND INTERFERENCES

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Sir:

Applicant(s) hereby appeal(s) to the Board of Patent Appeals and Interferences from the decision dated August 14, 1997 of the Examiner rejecting claims 1-24.

The item(s) checked below are appropriate:

The following is the Notice of Appeal fee under 37 C.F.R § 1.17(e):

a. other than small entity: fee \$ 310.00

b. small entity: fee \$ 155.00

verified statement attached

verified statement was filed _____

A petition under 37 C.F.R. § 1.136(a) for an extension of time for reply to the rejection is enclosed along with a check for the fee for the extension of time.

Enclosed is a check in the amount of \$ 310.00 for the Notice of Appeal fee.

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 November 14, 1997
Date of Deposit

Edith Fuentes

Name of Person Mailing Correspondence

Edith Fuentes
Signature

11-14-97

Date

11/19/1997 EKURTZ 0000001E 08821004
PLFC:119 SIGNATURE

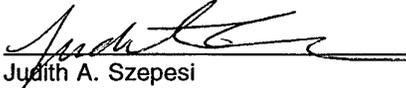
_____ Please charge the Notice of Appeal fee to Deposit Account Number 02-2666. A duplicate of this sheet is enclosed for Deposit Account charging purposes.

XXX If any additional fee is required, please charge Deposit Account No. 02-2666. A duplicate of this sheet is enclosed for Deposit Account charging purposes.

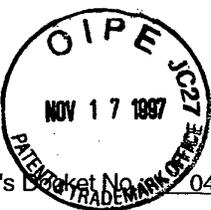
BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

Date: 11/14/97

12400 Wilshire Boulevard
Seventh Floor
Los Angeles, California 90025
(408) 720-8598



Judith A. Szepesi
Reg. No. 39,393



Attorney's Docket No. 04860.P1365C

Patent

In Re the Application of: Steven W. Christensen

(inventor(s))

Application No.: 08/821,004

Filed: March 20, 1997

For: METHOD AND APPARATUS FOR DISPLAYING AND ACCESSING CONTROL AND STATUS INFORMATION IN A COMPUTER SYSTEM

(title)

Group Art Unit: 2415

Examiner: Dela Torre, C.

NOTICE OF APPEAL FROM THE EXAMINER TO THE BOARD OF PATENT APPEALS AND INTERFERENCES

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Sir:

Applicant(s) hereby appeal(s) to the Board of Patent Appeals and Interferences from the decision dated August 14, 1997 of the Examiner rejecting claims 1-24.

The item(s) checked below are appropriate:

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a. other than small entity: fee \$ 310.00

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A petition under 37 C.F.R. § 1.136(a) for an extension of time for reply to the rejection is enclosed along with a check for the fee for the extension of time.

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on November 14, 1997
Date of Deposit

Edith Fuentes
Name of Person Mailing Correspondence

Edith Fuentes
Signature

11-14-97
Date

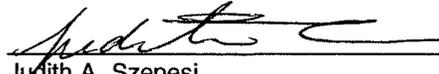
_____ Please charge the Notice of Appeal fee to Deposit Account Number 02-2666. A duplicate of this sheet is enclosed for Deposit Account charging purposes.

XXX If any additional fee is required, please charge Deposit Account No. 02-2666. A duplicate of this sheet is enclosed for Deposit Account charging purposes.

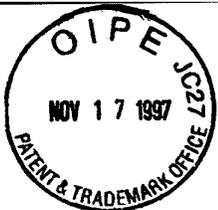
BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

Date: 11/14/97

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Seventh Floor
Los Angeles, California 90025
(408) 720-8598



Judith A. Szepesi
Reg. No. 39,393



Corres. and Mail
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AF/BAU2415
2701
11/21/97
\$

Attorney's Docket No.: 04860.P1365C

Patent

In re the Application of: Steven W. Christensen
(inventor(s))

**AMENDMENT UNDER
37 C.F.R. § 1.116
EXPEDITED PROCEDURE
EXAMINING GROUP 2415**

Application No.: 08/821,004

Filed: March 20, 1997

For: METHOD AND APPARATUS FOR DISPLAYING AND ACCESSING CONTROL AND STATUS
INFORMATION IN A COMPUTER SYSTEM
(title)

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231
Box AF

SIR: Transmitted herewith is an **Amendment After Final Action** for the above application.

Small entity status of this application under 37 C.F.R. §§ 1.9 and 1.27 has been established by a verified statement previously submitted.

A verified statement to establish small entity status under 37 C.F.R. §§ 1.9 and 1.27 is enclosed.

No additional fee is required.

A Notice of Appeal is enclosed.

The fee has been calculated as shown below:

	(Col. 1)		(Col. 2)		(Col. 3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	Claims Remaining After Amd.		Highest No. Previously Paid For		Present Extra	Rate	Additional Fee	Rate	Additional Fee
Total Claims	* 24	Minus	** 24		0	x11	\$	x22	\$ 0
Indep. Claims	* 3	Minus	*** 3		0	x41	\$	x82	\$ 0
First Presentation of Multiple Dependent Claim(s)						+135	\$	+270	\$ 0
						Total Add. Fee	\$	Total Add. Fee	\$ 0

* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

*** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest No. Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

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on November 14, 1997
Date of Deposit

Edith Fuentes
Name of Person Mailing Correspondence

Signature

11-14-97
Date

_____ A check in the amount of \$ _____ is attached for presentation of additional claim(s).
_____ Applicant(s) hereby Petition(s) for an Extension of Time of _____ month(s) pursuant to
37 C.F.R. § 1.136(a).

A check for \$ 310.00 is attached for processing fees under 37 C.F.R. § 1.17.(e).
_____ Please charge my Deposit Account No. 02-2666 the amount of \$ _____.

A duplicate copy of this sheet is enclosed.

The Commissioner of Patents and Trademarks is hereby authorized to charge payment of the
following fees associated with this communication or credit any overpayment to Deposit
Account No. 02-2666 (a duplicate copy of this sheet is enclosed):

Any additional filing fees required under 37 C.F.R. § 1.16 for presentation of
extra claims.

Any extension or petition fees under 37 C.F.R. § 1.17.

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

Date: _____

11/14/97



Judith A. Szepesi

12400 Wilshire Boulevard
Seventh Floor
Los Angeles, California 90025
(408) 720-8598

Reg. No. 39,393

04860.P1365



#17/D
12-5-97
B. Hilliard
Patent

Response under 37 CFR 1.116 — Expedited Procedure
Examining Group 237

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
 Steven W. Christensen) Examiner: Dela Torre, C.
 Serial No. 08/821,004) Art Unit: 2415
 Filing Date: March 20, 1997)
 For: METHOD AND APPARATUS FOR)
 DISPLAYING AND ACCESSING)
 CONTROL AND STATUS)
 INFORMATION IN A COMPUTER)
 SYSTEM)

MB
12/9/97

on Appeal,
to Not Enter
Amendment D
12/9/97
Cmd

AMENDMENT TO FINAL OFFICE ACTION

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Final Office Action mailed August 14, 1997,
Applicant respectfully requests the Examiner to enter the following
amendments and consider the following remarks:

FIRST CLASS CERTIFICATE OF MAILING

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 November 14, 1997
Date of Deposit

Edith Fuentes
Name of Person Mailing Correspondence

11-14-97
Signature Date

Serial No. 08/821,004

1

04860.P1365C

IN THE CLAIMS

Sub 9c

1. (Twice Amended) An interactive computer-controlled display system comprising:

- a processor;
- a data display screen coupled to the processor;
- a cursor control device coupled to said processor for positioning a cursor on said data display screen;
- a window generation and control logic coupled to the processor and data display screen to create an operating environment for a plurality of individual programming modules associated with different programs that provide status and control functions, wherein the window generation and control logic generates and displays a first window region having a plurality of display areas on said data display screen, wherein each of the plurality of display areas is associated with one of the plurality of individual programming modules;
- an indicia generation logic coupled to the data display screen to execute at least one of the plurality of individual programming modules to generate information for display in one of the plurality of display areas in the first window region, wherein at least one of the plurality of display areas and its associated programming module is sensitive to user input, and further wherein the window generation and control logic and the indicia generation logic use message-based communication to exchange information to coordinate activities of the indicia generation logic to enable interactive display activity.

D 2

Sub 9d

11. (Twice Amended) An interactive computer-controlled display system comprising:

a processor;

a data display screen coupled to the processor;

a cursor control device coupled to said processor for positioning a cursor on said data display screen;

2
window generation and control logic coupled to the processor and data display screen to create an operating environment for a plurality of individual programming modules associated with different programs that provide status and control functions, wherein the window generation and control logic generates and displays a first window region having a plurality of display areas on said data display screen, wherein each of the plurality of display areas is associated with one of the plurality of individual programming modules;

at least one indicia graphics generation logic coupled to the processor and the window generation and control logic, wherein said at least one indicia graphics generation logic generates user sensitive graphics for display in at least one data display area by executing at least one of the plurality of individual programming modules;

wherein the window generation and control logic determines when said at least one data display area has been selected by the user and signals said at least one indicia graphics generation logic in response to user selection, and further wherein said at least one indicia graphics generation logic initiates a response from said at least one of the plurality of programming modules.

3
Sub E3
15. (Twice Amended) A method for generating control information comprising the steps of:

creating an operating environment for a plurality of individual programming modules associated with different programs that provide status and control functions;

generating a first window sized to accommodate a plurality of display areas for indicia resulting from executing at least one of the plurality of individual programming modules, wherein each of the plurality of display areas is associated with one of the plurality of individual programming modules;

displaying the indicia in each of said plurality of display areas by executing one of a plurality of individual programming modules corresponding to each indicia;

selecting one of the indicia, wherein the step of selecting comprises a first programming module determining which of said plurality of display areas is selected and sending a message to a programming module of said plurality of individual programming modules responsible for generating a display of a selected indicia;

said programming module performing a function in response to a selection.

REMARKS

Applicant respectfully requests reconsideration of this application as amended. Claims 1-24 remain in the application. No claims have been canceled. Applicant respectfully submits that the above amendments place the case in a better position to be allowed. Furthermore, good and sufficient reasons exist why the below arguments were not presented earlier. Applicant requests entry of the amendments and their consideration.

Claim 1, as amended, claims:

a window generation and control logic coupled to the processor and data display screen to create an operating environment for a plurality of individual programming modules associated with different programs that provide status and control functions, wherein the window generation and control logic generates and displays a first window region having a plurality of display areas on said data display screen, wherein each of the plurality of display areas is associated with one of the plurality of individual programming modules.

(emphasis added).

Thus, Applicant claims individual programming modules associated with different programs, which are defined in the specification as a collection of individual modules that provide status and control functions.

(Specification pg. 18, lines 3-5). "The control strip functions in one embodiment includes a network switch that shows whether a network connection for the computer system . . . is on or off and lets the user turn the network connection on or off. . . . The control strip may also include a battery monitor that displays the status of the battery or batteries. Another control strip module displays the state of File Sharing that may be currently employed on the computer system. The control strip of the present invention may also provide a module to allow the internal hard disk power to be turned off. The control strip may also provide power settings that allow the users to select

between maximum battery conservation or maximum computer performance. Other modules, for example, may provide, time and/or date information, may list currently running programming applications, may indicate the amount of available memory, may control a CD drive, may provide access to audio controls and status information." (Specification, pg. 18-19).

Cohausz, according to the Examiner, teaches individual programming modules at bridging paragraph of pp. 2-3, where it states: "The problem under consideration is solved according to the invention in that the oblong field comprises a plurality of individual fields which are adjacent to one another, each of which constitutes an operating field or a control button which, upon being activated, branches into the associated program area or executes the associated program function, with the indicator field or the cursor always being located on the individual field in whose associated program area/program function the user is currently located." (emphasis added).

Cohausz refers to fields corresponding to program areas/functions, within a single program. Generally Cohausz refers to individual fields together forming a status indicator, "the individual fields representing portions of the individual program, text or information, i.e., sections, paragraphs, chapters, or segments of information." (Cohausz, pg. 3, lines 8-12).

Thus, it is clear from Cohausz that there are no individual programming modules associated with different programs, as claimed in the present invention, but rather a single program, which can be accessed at different locations through the use of this indicator. Therefore, Cohausz does not teach the individual programming modules associated with different programs as claimed in Claim 1 of the present invention. Therefore, Claim 1 of the present invention is not anticipated by or obvious over Cohausz.

Independent Claims 11 and 15 similarly claim individual programming modules associated with different programs, and are therefore not anticipated by or obvious over Cohausz.

Applicant respectfully requests allowance of claims 1-24. If any obstacles remain to such allowance, Applicant respectfully requests that the Examiner contact the undersigned by telephone.

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

Respectfully submitted,
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 11/14, 1997


Judith A. Szepesi
Registration No. 39,393

12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025-1026
(408) 720-8598



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
08/821,004	03/20/97	CHRISTENSEN	S 04860.P1365C

LM51/1211
BLAKELY SOKOLOFF TAYLOR & ZAFMAN
12400 WILSHIRE BOULEVARD
SEVENTH FLOOR
LOS ANGELES CA 90025

EXAMINER DELA TORRE, C

ART UNIT	PAPER NUMBER
2773	18

DATE MAILED: 12/11/97

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

Commissioner of Patents and Trademarks

Advisory Action

Application No. 08/821,004	Applicant(s) Christensen
Examiner Crescelle Delatorre	Group Art Unit 2773



THE PERIOD FOR RESPONSE: [check only a) or b)]

- a) expires three months from the mailing date of the final rejection.
- b) expires either three months from the mailing date of the final rejection, or on the mailing date of this Advisory Action, whichever is later. In no event, however, will the statutory period for the response expire later than six months from the date of the final rejection.

Any extension of time must be obtained by filing a petition under 37 CFR 1.136(a), the proposed response and the appropriate fee. The date on which the response, the petition, and the fee have been filed is the date of the response and also the date for the purposes of determining the period of extension and the corresponding amount of the fee. Any extension fee pursuant to 37 CFR 1.17 will be calculated from the date of the originally set shortened statutory period for response or as set forth in b) above.

- Appellant's Brief is due two months from the date of the Notice of Appeal filed on Nov 17, 1997 (or within any period for response set forth above, whichever is later). See 37 CFR 1.191(d) and 37 CFR 1.192(a).

Applicant's response to the final rejection, filed on Nov 17, 1997 has been considered with the following effect, but is NOT deemed to place the application in condition for allowance:

- The proposed amendment(s):
 - will be entered upon filing of a Notice of Appeal and an Appeal Brief.
 - will not be entered because:
 - they raise new issues that would require further consideration and/or search. (See note below).
 - they raise the issue of new matter. (See note below).
 - they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal.
 - they present additional claims without cancelling a corresponding number of finally rejected claims.

NOTE: See Attachment A

- Applicant's response has overcome the following rejection(s):

- Newly proposed or amended claims _____ would be allowable if submitted in a separate, timely filed amendment cancelling the non-allowable claims.
- The affidavit, exhibit or request for reconsideration has been considered but does NOT place the application in condition for allowance because:

- The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
- For purposes of Appeal, the status of the claims is as follows (see attached written explanation, if any):
Claims allowed: _____
Claims objected to: _____
Claims rejected: 1-24
- The proposed drawing correction filed on _____ has has not been approved by the Examiner.
- Note the attached Information Disclosure Statement(s), PTO-1449, Paper No(s). _____
- Other



MATTHEW M. KIV
PRIMARY EXAMINEE

GROUP 2300 2/11/3

Art Unit: 2773

ATTACHMENT A

In an After-Final Amendment, filed on 11/17/97, applicant amended each independent claim to include that the plurality of individual programming modules are associated with different programs, which requires further consideration and search.

As was discussed during a phone interview on 10/28/97, the examiner agreed with applicant that the primary reference, Cohausz, does not teach a status bar for a plurality of application programs, but rather teaches a status indicator for a single program. However, the claims, as originally presented, did not specifically include different programs, so the "plurality of individual programming modules that provide status and control functions" were interpreted as individual programming fields representing portions of a single program.

In addition, the art of record includes the Foster reference (U.S. patent 5,588,105), which teaches a status bar "characterized by a template generated independently of an application program", the template having "at least one active area that can include an icon for controlling the application program or an area which displays information generated by the application program" as well as "global functions" of the computer system, such as real time clock 78, filter button 80, and routing slip 86. Thus, the Foster reference teaches a "plurality of individual programming modules associated with different programs".

12/9/97

CMA



MATTHEW M. KIM
PRIMARY EXAMINER
GROUP 2800

Jan 3

CAU 27/73 D

#19
1-29-98
B. Hilliard

Please type a plus sign (+) inside this box [+]

PTO/SB/29(12/97)

Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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01/12/98
JC494 U.S. PTO

CONTINUED PROSECUTION APPLICATION (CPA) REQUEST TRANSMITTAL

Submit an original, and a duplicate for fee processing.
(Only for Continuation or Divisional applications under 37 CFR 1.53(d))

CHECK BOX, if applicable:
 DUPLICATE

ADDRESS TO: Assistant Commissioner for Patents
Box CPA
Washington, D.C. 20231

Attorney Docket No. 04860.P1365C
First Named Inventor Steven W. Christensen
Express Mail Label No. EM081777092US Total Pages 3

This is a request for a X continuation or _____ divisional under 37 CFR 1.53(d)
(continuation prosecution application (CPA)) of prior application No: 08/821,004,
filed on March 20, 1997, entitled METHOD AND APPARATUS FOR DISPLAYING AND ACCESSING
CONTROL AND STATUS INFORMATION IN A COMPUTER SYSTEM

NOTES

FILING QUALIFICATIONS: The prior application identified above must be a nonprovisional application that is either: (1) complete as defined by 37 CFR 1.51(b) and filed on or after June 8, 1995, or (2) the national stage of an international application in compliance with 35 U.S.C. 371 and filed on or after June 8, 1995.

C-I-P NOT PERMITTED: A continuation-in-part application cannot be filed as a CPA under 37 CFR 1.53(d), but must be filed under 37 CFR 1.53(b).

EXPRESS ABANDONMENT OF PRIOR APPLICATION: The filing of this CPA is a request to expressly abandon the prior application as of the filing date of the request for a CPA. 37 CFR 1.53(b) must be used to file a continuation, divisional, or continuation-in-part of an application that is not to be abandoned.

ACCESS TO PRIOR APPLICATION: The filing of this CPA will be construed to include a waiver of confidentiality by the applicant under 35 U.S.C. 122 to the extent that any member of the public who is entitled under the provisions of 37 CFR 1.14 to access to, copies of, or information concerning, the prior application may be given similar access to, copies of, or similar information concerning, the other application or applications in the file jacket.

35 U.S.C. 120 STATEMENT: In a CPA, no reference to the prior application is needed in the first sentence of the specification and none should be submitted. If a sentence referencing the prior application is submitted, it will not be entered. A request for a CPA is the specific reference required by 35 U.S.C. 120 and to every application assigned the application number identified in such request, 37 CFR 1.78(a).

1. Enter the unentered amendment previously filed on November 14, 1997
under 37 CFR 1.116 in the prior nonprovisional application.
2. A preliminary amendment is enclosed.
3. This application is filed by fewer than all the inventors named in the prior application, 37 CFR 1.53(d)4.
 - a. ~~DELETE~~ the following inventor(s) named in the prior nonprovisional application:

 - b. The inventor(s) to be deleted are set forth on a separate sheet attached hereto.
4. A new power of attorney or authorization of agent (PTO/SB/81) is enclosed.
5. Information Disclosure Statement (IDS) is enclosed:
 - a. PTO - 1449
 - b. Copies of IDS Citations

12/22/1996 DT:UAS 00000041 08821004
PC:131
PC:103

12/29/97

- 1 -

Please type a plus sign (+) inside this box **[+]**

PTO/SB/29 (12/97)

Approved for use through 09/30/00. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

CLAIMS

(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
Total Claims (37 CFR 1.16(c))	24 - 20 =	4	X \$ 22.00 =	\$ 88.00
Independent Claims (37 CFR 1.16(b))	3 - 3 =	0	X \$ 0 =	\$ 0
Multiple Dependent Claims (if applicable) (37 CFR 1.16(d))			+ \$ 0 =	\$ 0
			BASIC FEE (37 CFR 1.16(a))	\$ 790.00
Total of above Calculations				= \$ 878.00
Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28).				\$ 0
TOTAL				= \$ 878.00

6. Small entity status:
- a. A small entity statement is enclosed.
 - b. A small entity statement was filed in the prior nonprovisional application and such status is still proper and desired.
 - c. Is no longer claimed.
7. The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. _____
- a. Fees required under 37 CFR 1.16.
 - b. Fees required under 37 CFR 1.17.
 - c. Fees required under 37 CFR 1.18.
8. A check in the amount of \$ 878.00 is enclosed.
9. Other: _____

NOTE: The prior application's correspondence address will carry over to this CPA UNLESS a new correspondence address is provided below.

10. NEW CORRESPONDENCE ADDRESS

____ Customer Number or Bar Code Label
OR
____ (Insert Customer No. or Attach Bar Code Label here)

____ New Correspondence Address Below

NAME _____

ADDRESS _____

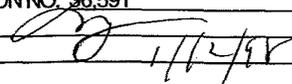
CITY _____ STATE _____ ZIP CODE _____

COUNTRY _____ TELEPHONE _____ FAX _____

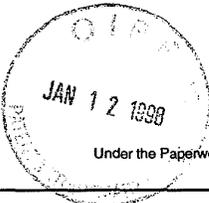
11. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

NAME Michael J. Mallie

REGISTRATION NO. 96,591

SIGNATURE 

DATE 1/12/98



FEE TRANSMITTAL

TOTAL AMOUNT OF PAYMENT (\$) 878.00

Complete if Known:

Application No. 08/821,004
 Filing Date March 20, 1997
 First Named Inventor Steven W. Christensen
 Group Art Unit 2415
 Examiner Name Dela Torre, C.
 Attorney Docket No. 04860.P1365C2

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:
 Deposit Account Number _____
 Deposit Account Name _____
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.131(b)
2. Payment Enclosed
 Check
 Money Order
 Other

FEE CALCULATION (fees effective 10/01/97)

1. FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee (\$)	Code	Fee (\$)		
101	790	201	395	Utility application filing fee	<u>790.00</u>
106	330	206	165	Design application filing fee	_____
107	540	207	270	Plant filing fee	_____
108	790	208	395	Reissue filing fee	_____
114	150	214	75	Provisional application filing fee	_____
SUBTOTAL (1)					\$ <u>790.00</u>

2. CLAIMS

			Extra		Fee from below		Fee Paid
Total Claims	<u>24</u>	- 20 =	<u>4</u>	X	<u>22.00</u>	=	<u>88.00</u>
Independent Claims	<u>3</u>	- 3 =	<u>0</u>	X	<u>0</u>	=	<u>0</u>
Multiple Dependent Claims			<u>0</u>	X	<u>0</u>	=	<u>0</u>

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee (\$)	Code	Fee (\$)		
103	22	203	11	Claims in excess of twenty	<u>88.00</u>
102	82	202	41	Independent claims in excess of 3	<u>0</u>
104	270	204	135	Multiple dependent claim	<u>0</u>
109	82	209	41	Reissue independent claims over original patent	<u>0</u>
110	22	210	11	Reissue claims in excess of 20 and over original patent	<u>0</u>
SUBTOTAL (2)					\$ <u>878.00</u>

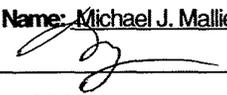
FEE CALCULATION (continued)

3. ADDITIONAL FEES

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>		
105	130	205	65	Surcharge - late filing fee or oath	_____
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	_____
139	130	139	130	Non-English specification	_____
147	2,520	147	2,520	For filing a request for reexamination	_____
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	_____
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	_____
115	110	215	55	Extension for response within first month	_____
116	400	216	200	Extension for response within second month	_____
117	950	217	475	Extension for response within third month	_____
118	1,510	218	755	Extension for response within fourth month	_____
128	2,060	228	1,030	Extension for response within fifth month	_____
119	310	219	155	Notice of Appeal	_____
120	310	220	155	Filing a brief in support of an appeal	_____
121	270	221	135	Request for oral hearing	_____
138	1,510	138	1,510	Petition to institute a public use proceeding	_____
140	110	240	55	Petition to revive unavoidably abandoned application	_____
141	1,320	241	660	Petition to revive unintentionally abandoned application	_____
142	1,320	242	660	Utility issue fee (or reissue)	_____
143	450	243	225	Design issue fee	_____
144	670	244	335	Plant issue fee	_____
122	130	122	130	Petitions to the Commissioner	_____
123	50	123	50	Petitions related to provisional applications	_____
126	240	126	240	Submission of Information Disclosure Stmt	_____
581	40	581	40	Recording each patent assignment per property (times number of properties)	_____
146	790	246	395	For filing a submission after final rejection (see 37 CFR 1.129(a))	_____
149	790	249	395	For each additional invention to be examined (see 37 CFR 1.129(a))	_____
Other fee (specify) _____					_____
Other fee (specify) _____					_____
SUBTOTAL (3)\$ 0					_____

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Michael J. Mallie
 Signature  Date 1/12/98
 Reg. Number 36,591 Deposit Account User ID _____
 (complete if applicable)

EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: EM 081777 09205

Date of Deposit: January 12, 1998

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

Angela M. Quinn
(Typed or printed name of person mailing paper or fee)

Angela M. Quinn
(Signature of person mailing paper or fee)

1-12-98
(Date signed)

Serial/Patent No.: 08/821,004 Filing/Issue Date: 3/20/97

Client: Apple Computer, Inc.

Title: METHOD AND APPARATUS FOR DISPLAYING AND ACCESSING CONTROL AND STATUS INFORMATION IN A COMPUTER SYSTEM

BSTZ File No.: 04860.P1365C2 Atty/Secty Initials: MJM/amg

Date Mailed: 1/12/98 Docket Due Date: 1/14/98

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- | | |
|---|--|
| <input type="checkbox"/> Amendment/Response (___ pgs.) | <input checked="" type="checkbox"/> Express Mail No. <u>EM 081777 09205</u> XX Check No. <u>20289</u> |
| <input type="checkbox"/> Appeal Brief (___ pgs.) (in triplicate) | <input type="checkbox"/> Month(s) Extension of Time Amt: <u>878.00</u> |
| <input type="checkbox"/> Application - Utility (___ pgs., with cover and abstract) | <input type="checkbox"/> Information Disclosure Statement & PTO-1449 (___ pgs.) <input type="checkbox"/> Check No. _____ |
| <input type="checkbox"/> Application - Rule 1.60 Continuation (___ pgs.) | <input type="checkbox"/> Issue Fee Transmittal Amt: _____ |
| <input type="checkbox"/> Application - Rule 1.60 Division (___ pgs.) | <input type="checkbox"/> Notice of Appeal |
| <input type="checkbox"/> Application - Rule 1.60 CIP (___ pgs.) | <input type="checkbox"/> Petition for Extension of Time |
| <input type="checkbox"/> Application - Rule 1.62 Transmittal (___ pgs.) | <input type="checkbox"/> Petition for _____ |
| <input type="checkbox"/> Application - Design (___ pgs.) | <input checked="" type="checkbox"/> Postcard |
| <input type="checkbox"/> Application - PCT (___ pgs.) | <input type="checkbox"/> Power of Attorney (___ pgs.) |
| <input type="checkbox"/> Application - Provisional (___ pgs.) | <input type="checkbox"/> Preliminary Amendment (___ pgs.) |
| <input type="checkbox"/> Assignment and Cover Sheet | <input type="checkbox"/> Reply Brief (___ pgs.) |
| <input type="checkbox"/> Certificate of Mailing | <input type="checkbox"/> Response to Notice of Missing Parts |
| <input type="checkbox"/> Declaration & FOA (___ pgs.) | <input type="checkbox"/> Request to Incorporate Disclosure Document (___ pgs.) |
| <input type="checkbox"/> Disclosure Docs & Orig & Copy of Inventor's Signed Letter (___ pgs.) | <input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business |
| <input type="checkbox"/> Drawings: ___ # of sheets includes ___ figures | <input type="checkbox"/> Transmittal Letter (original & copy) |

XX Other: Fee Transmittal (3 pgs) (copy & orig.); CPA Request Transmittal (3 pgs.) (orig. & Copy).

EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: EM08177708205

Date of Deposit: 1-12-98

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

Angela M. Quinn
(Typed or printed name of person mailing paper or fee)

Angela M. Quinn
(Signature of person mailing paper or fee)

1-12-98
(Date signed)

Serial/Patent No.: 08/821,004 Filing/Issue Date: 3/20/97

Client: Apple Computer, Inc.

Title: METHOD AND APPARATUS FOR DISPLAYING AND ACCESSING

CONTROL AND STATUS INFORMATION IN A COMPUTER SYSTEM

BSTZ File No.: 04860.P1365C2 Atty/Secty Initials: MJM/amc

Date Mailed: 1/12/98 Docket Due Date: 1/14/98

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- | | |
|---|--|
| <input type="checkbox"/> Amendment/Response (___ pgs.) | <input checked="" type="checkbox"/> Express Mail No. <u>EM08177708205</u> XX Check No. <u>20289</u> |
| <input type="checkbox"/> Appeal Brief (___ pgs.) (in triplicate) | <input type="checkbox"/> ___ Month(s) Extension of Time Amt: <u>878.00</u> |
| <input type="checkbox"/> Application - Utility (___ pgs., with cover and abstract) | <input type="checkbox"/> Information Disclosure Statement & PTO-1449 (___ pgs.) <input type="checkbox"/> Check No. _____ |
| <input type="checkbox"/> Application - Rule 1.60 Continuation (___ pgs.) | <input type="checkbox"/> Issue Fee Transmittal Amt: _____ |
| <input type="checkbox"/> Application - Rule 1.60 Division (___ pgs.) | <input type="checkbox"/> Notice of Appeal |
| <input type="checkbox"/> Application - Rule 1.60 CIP (___ pgs.) | <input type="checkbox"/> Petition for Extension of Time |
| <input type="checkbox"/> Application - Rule 1.62 Transmittal (___ pgs.) | <input type="checkbox"/> Petition for _____ |
| <input type="checkbox"/> Application - Design (___ pgs.) | <input checked="" type="checkbox"/> Postcard |
| <input type="checkbox"/> Application - PCT (___ pgs.) | <input type="checkbox"/> Power of Attorney (___ pgs.) |
| <input type="checkbox"/> Application - Provisional (___ pgs.) | <input type="checkbox"/> Preliminary Amendment (___ pgs.) |
| <input type="checkbox"/> Assignment and Cover Sheet | <input type="checkbox"/> Reply Brief (___ pgs.) |
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| <input type="checkbox"/> Declaration & POA (___ pgs.) | <input type="checkbox"/> Request to Incorporate Disclosure Document (___ pgs.) |
| <input type="checkbox"/> Disclosure Docs & Orig & Copy of Inventor's Signed Letter (___ pgs.) | <input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business |
| <input type="checkbox"/> Drawings: ___ # of sheets includes ___ figures | <input type="checkbox"/> Transmittal Letter (original & copy) |

KK Other: Fee Transmittal (3 pgs) (copy & orig.); CPA
Request Transmittal (3 pgs.) (orig. & Copy).



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
08/821,004	03/20/97	CHRISTENSEN	04860.P1365C

LM51/0325
BLAKELY SOKOLOFF TAYLOR & ZAFMAN
12400 WILSHIRE BOULEVARD
SEVENTH FLOOR
LOS ANGELES CA 90025

EXAMINER
DELA TORRE, C

ART UNIT	PAPER NUMBER
2773	20

DATE MAILED: 03/25/98

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

Commissioner of Patents and Trademarks

Office Action Summary

Application No. 08/821,004	Applicant(s) Christensen
Examiner Crescille Delatorre	Group Art Unit 2773



Responsive to communication(s) filed on Nov 17, 1997; and on Jan 12, 1998

This action is **FINAL**.

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.

A shortened statutory period for response to this action is set to expire three month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claims

Claim(s) 1-24 is/are pending in the application.

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

Claim(s) _____ is/are allowed.

Claim(s) 1-24 is/are rejected.

Claim(s) _____ is/are objected to.

Claims _____ are subject to restriction or election requirement.

Application Papers

See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

The drawing(s) filed on _____ is/are objected to by the Examiner.

The proposed drawing correction, filed on _____ is approved disapproved.

The specification is objected to by the Examiner.

The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

All Some* None of the CERTIFIED copies of the priority documents have been
 received.

received in Application No. (Series Code/Serial Number) _____.

received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

Notice of References Cited, PTO-892

Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

Interview Summary, PTO-413

Notice of Draftsperson's Patent Drawing Review, PTO-948

Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

Office Action Summary

Application No. 08/821,004	Applicant(s) Christensen
Examiner Crescelle Delatorre	Group Art Unit 2773



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Attachment(s)

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Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

Interview Summary, PTO-413

Notice of Draftsperson's Patent Drawing Review, PTO-948

Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

Art Unit: 2773

DETAILED ACTION

1. This action is responsive to communications: Amendment, filed on 11/17/97, and Preliminary Response, filed on 1/12/98.

This action is non-final.

2. Claims 1 - 24 are pending in this application. Claims 1, 11, and 15 are independent claims. In the Amendment, filed on 11/17/97, claims 1, 11, and 15 were amended.

This application is a CPA of 08/821,004, filed on 3/20/97, which is an FWC of 08/316,237, filed on 9/30/94, now abandoned.

3. The present title of the invention is "Method and Apparatus for Displaying and Accessing Control and Status Information in a Computer System" as originally filed.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Art Unit: 2773

5. Claims 1 - 3, 8 - 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cohausz (EPO 0 584 392 A1), based upon the English translation, in view of Foster et al. (U.S. patent 5,588,105).

As per claim 1, Cohausz teaches an "interactive computer-controlled display system" with a 'status indicator for a computer program', that comprises:

"a processor" which is inherently taught by Cohausz, since a processor is necessary in order to execute the functions of the status indicator;

"a data display screen" with 'monitor screen' at p. 4, paragraph 5;

"a cursor control device" with a 'mouse cursor' at p. 5, paragraph 2;

"a window generation and control logic" to "create an operating environment for a plurality of individual programming modules" that "provide status and control functions" at the bridging paragraph of pp. 2 - 3, "wherein the window generation and control logic generates and displays a first window region" with oblong field 1, at Figs. 1 - 3, and at p. 4, paragraph 5, "having a plurality of display areas" with individual fields 2, at Fig. 1, and at p. 4, paragraph 5, "wherein each of the plurality of display areas is associated with one of the plurality of individual programming modules" at p. 3, paragraph 2;

"an indicia generation logic" to "execute at least one of the plurality of programming modules to generate information for display in one of the plurality of display areas" at p. 3, paragraph 2, "wherein at least one of the plurality of display areas and its associated programming module is sensitive to user input" at p. 5, paragraph 2, and further using "message-based

Art Unit: 2773

communication to exchange information to coordinate activities of the indicia generation logic to enable interactive display activity" at p. 3, paragraph 2, which teaches information passing between the status indicator and the respective program area, text, or information segment.

Regarding claim 1, Cohausz teaches all that is claimed above, but does not teach a status bar with a plurality of individual programming modules associated with different programs. Cohausz teaches a status indicator for a single program, wherein the "plurality of individual programming modules" that "provide status and control functions" were interpreted as individual programming fields representing portions of a single program.

On the other hand, Foster et al., hereinafter Foster, teach a status bar "characterized by a template generated independently of an application program", the template having "at least one active area that can include an icon for controlling the application program or an area which displays information generated by the application program" as well as "global functions" of the computer system, such as real time clock 78 [see col. 5, lines 20 - 25, 59 - 61], filter button 80 [see col. 5, lines 61 - 65], and routing slip 86 [see col. 6, lines 5 - 10], all at Fig. 3. Thus, the Foster reference teaches a "plurality of individual programming modules associated with different programs".

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to include "individual programming modules associated with different programs" as taught by Foster in the invention of Cohausz because it provides a user with access to status and control information of a plurality of application programs.

Art Unit: 2773

As per claim 2, Cohausz teaches a "control strip" with oblong field 1, at Figs. 1 - 3.

Regarding claim 3, Cohausz also teaches that "at least one display area is variably sized" at p. 5, paragraph 1, and p. 6, paragraph 2.

In addition, Cohausz teaches that "at least one of the plurality of display areas only displays information" [claim 8] at p. 3, paragraph 2, and at Figs. 1 - 3; or "acts to provide access to control information when selected" [claim 9] at p. 3, paragraph 2, or "displays an additional display element" [claim 10] at p. 6, paragraph 3.

In reference to claim 11, Cohausz teaches the following subject matter:

"a processor" which is inherently taught by Cohausz, since a processor is necessary in order to execute the functions of the status indicator;

"a data display screen" with 'monitor screen' at p. 4, paragraph 5;

"a cursor control device" with a 'mouse cursor' at p. 5, paragraph 2;

"a window generation and control logic" to "create an operating environment for a plurality of individual programming modules that provide status and control functions" at the bridging paragraph of pp. 2 - 3, "wherein the window generation and control logic generates and displays a first window region" with oblong field 1, at Figs. 1 - 3, and at p. 4, paragraph 5, "having a plurality of display areas" with individual fields 2, at Fig. 1, and at p. 4, paragraph 5, "wherein each of the plurality of display areas is associated with one of the plurality of individual programming modules" at p. 3, paragraph 2;

Art Unit: 2773

"at least one indicia graphics generation logic" that "generates user sensitive graphics for display in at least one data display area by executing at least one of the plurality of programming modules" at p. 3, paragraph 2; and

wherein the window generation and control logic determines when a data display area has been selected, signals the indicia graphics generation logic, which then initiates a response from said at least one of the plurality of programming modules, also at p. 3, paragraph 2.

As to claim 11, Cohausz teaches all that is claimed above, but does not teach a status bar with a plurality of individual programming modules associated with different programs. Cohausz teaches a status indicator for a single program, wherein the "plurality of individual programming modules" that "provide status and control functions" were interpreted as individual programming fields representing portions of a single program.

On the other hand, Foster et al., hereinafter Foster, teach a status bar "characterized by a template generated independently of an application program", the template having "at least one active area that can include an icon for controlling the application program or an area which displays information generated by the application program" as well as "global functions" of the computer system, such as real time clock 78 [see col. 5, lines 20 - 25, 59 - 61], filter button 80 [see col. 5, lines 61 - 65], and routing slip 86 [see col. 6, lines 5 - 10], all at Fig. 3. Thus, the Foster reference teaches a "plurality of individual programming modules associated with different programs".

Art Unit: 2773

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to include "individual programming modules associated with different programs" as taught by Foster in the invention of Cohausz because it provides a user with access to status and control information of a plurality of application programs.

Cohausz also teaches that the "first window region is always visible to the user" [claim 12] at p. 4, paragraph 5, since he teaches that the status indicator is 'visible during the entire program'. As per claims 13, 14, they correspond respectively to claims 2, 3.

As to claim 15, Cohausz teaches the following steps:

"creating an operating environment for a plurality of individual programming modules that provide status and control functions" at p. 2, paragraph 4 to p. 3, paragraph 2;

"generating a first window" with oblong field 1, at Figs. 1 - 3, and at p. 4, paragraph 5, to accommodate a "plurality of display areas for indicia" with individual fields 2, at Figs. 1 - 3, and at p. 4, paragraph 5, resulting from "executing at least one of the plurality of individual programming modules, wherein each of the plurality of display areas is associated with one of the plurality of individual programming modules" at p. 3, paragraph 2;

"displaying an indicia" as shown at Figs. 1 - 3;

"selecting one of the indicia" at p. 5, paragraph 2; and

"said programming module performing a function in response to the selection" at p. 5, paragraph 2.

Art Unit: 2773

Regarding claim 15, Cohausz teaches all that is claimed above, but does not teach a status bar with a plurality of individual programming modules associated with different programs. Cohausz teaches a status indicator for a single program, wherein the “plurality of individual programming modules” that “provide status and control functions” were interpreted as individual programming fields representing portions of a single program.

On the other hand, Foster et al., hereinafter Foster, teach a status bar “characterized by a template generated independently of an application program”, the template having “at least one active area that can include an icon for controlling the application program or an area which displays information generated by the application program” as well as “global functions” of the computer system, such as real time clock 78 [see col. 5, lines 20 - 25, 59 - 61], filter button 80 [see col. 5, lines 61 - 65], and routing slip 86 [see col. 6, lines 5 - 10], all at Fig. 3. Thus, the Foster reference teaches a “plurality of individual programming modules associated with different programs”.

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to include “individual programming modules associated with different programs” as taught by Foster in the invention of Cohausz because it provides a user with access to status and control information of a plurality of application programs.

In addition, Cohausz teaches "status information" [claim 16] and "control information" [claim 17] at Figs. 1 - 3, and at p. 5, paragraphs 2, 3.

Art Unit: 2773

As to claim 18, Cohausz teaches that the first programming module requests a set of features at p. 5, paragraph 2, sends a message to the programming module indicative of features, and the programming module returns a message; such that the programming modules interact with each other in response to user interaction with the first programming module, also at p. 5, paragraph 2.

Cohausz also teaches the following: that each of the plurality of display areas is individually and variable sized [claims 19, 22] at p. 5, paragraph 1, and p. 6, paragraph 2; the first window region always appears in front of application windows [claims 20, 23] at p. 4, paragraph 5, wherein the status indicator is 'visible during the entire program'; and the first window region is in a 'private window layer' [claims 21, 24] also at p. 4, paragraph 5.

6. Claims 4 - 7 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Cohausz (EPO 0 584 392 A1), based upon the English translation, and Foster et al. (U. Patent 5,588,105), and further in view of Mills et al. (U.S. patent 5,202,961).

Cohausz teaches that the display areas [individual fields 2] of the first window region [oblong field 1] are variably sized at p. 5, paragraph 1, and p. 6, paragraph 2, but does not teach that the first window region is variably sized [claim 4], such that none of the plurality of display areas is visible [claim 5], all are visible [claim 6], or a portion is visible [claim 7]. Nor does Foster teach the above elements of applicant's invention.

Art Unit: 2773

On the other hand, Mills et al., hereinafter Mills, teach that the size of the first window region is variable [claim 4] also at col. 4, lines 8 - 9, and also teaches sizing the first window region so that none of the display areas are visible [claim 5] with close box 28, at Fig. 2, and at col. 4, lines 7 - 8, or all [claim 6] or a portion [claim 7] of the display areas are visible, both at col. 4, lines 8 - 9.

Although neither Cohausz nor Foster teach that the first window region is variably sized as claimed in claims 4 - 7, it would have been obvious to one of ordinary skill in the art at the time of the invention to vary the size of the first window region as taught by Mills, because it gives the user control over how much and what to display of the status indicator.

Response to Arguments

7. Applicant's arguments with respect to claims 1 - 24 have been considered but are moot in view of the new ground(s) of rejection.

Applicant's primary argument regarding the Cohausz reference is that Cohausz does not teach "individual programming modules associated with different programs". The examiner agrees with applicant. However, the Foster reference makes up for the deficiency in Cohausz by teaching a "plurality of individual programming modules associated with different programs", such as real time clock 78, filter button 80, and routing slip 86, shown in status bar 74, at Fig. 3.

Responses

Art Unit: 2773

8. Responses to this action should be mailed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231. If applicant desires to fax a response, (703) 308-9051 may be used for formal communications or (703) 305-9724 for informal or draft communications.

Please label "PROPOSED" or "DRAFT" for informal facsimile communications. For after final responses, please label "AFTER FINAL" or "EXPEDITED PROCEDURE" on the document.

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Inquiries

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Crescelle dela Torre whose telephone number is (703) 305-9782. The examiner can normally be reached on Mondays-Thursdays from 8:30 am to 4:00 pm, and on alternating Fridays from 8:30 am to 3:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Kim, can be reached at (703) 305-3821.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3800.

Cnd
cnd
March 23, 1998



MATTHEW M. KIM
SUPERVISORY PATENT EXAMINER
GROUP 2700



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
087821,004	03/20/97	CHRISTENSEN	5 04860.P13630

LM41/0619
BLAKELY SOKOLOFF TAYLOR & ZAFMAN
12400 WILSHIRE BOULEVARD
SEVENTH FLOOR
LOS ANGELES CA 90025

EXAMINER
DELA TORRE, C

ART UNIT	PAPER NUMBER
2773	21

DATE MAILED: 06/19/98

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

Commissioner of Patents and Trademarks

Interview Summary

Application No. 08/821,004	Applicant(s) Christensen
Examiner Crescelle Delatorre	Group Art Unit 2773



All participants (applicant, applicant's representative, PTO personnel):

(1) Crescelle Delatorre (3) _____

(2) Judith Szepesi (4) _____

Date of Interview Jun 17, 1998

Type: Telephonic Personal (copy is given to applicant applicant's representative).

Exhibit shown or demonstration conducted: Yes No. If yes, brief description:

Agreement was reached. was not reached.

Claim(s) discussed: 1

Identification of prior art discussed:

Cohausz (EPO 0 584 392 A1) and Foster et al. (U.S. patent 5,588,105)

Description of the general nature of what was agreed to if an agreement was reached, or any other comments:

Applicant's representative discussed the differences between the present invention and the above references. For instance, with reference to claim 1, it was pointed out that the Foster reference is similar to the Cohausz reference, and does not teach a "plurality of individual programming modules associated with different programs" since Foster teaches that a status bar template is associated with a single application program. It was suggested that applicant submit further details of the above difference in the next response.

(A fuller description, if necessary, and a copy of the amendments, if available, which the examiner agreed would render the claims allowable must be attached. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be attached.)

1. It is not necessary for applicant to provide a separate record of the substance of the interview.

Unless the paragraph above has been checked to indicate to the contrary, A FORMAL WRITTEN RESPONSE TO THE LAST OFFICE ACTION IS NOT WAIVED AND MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a response to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW.

2. Since the Examiner's interview summary above (including any attachments) reflects a complete response to each of the objections, rejections and requirements that may be present in the last Office action, and since the claims are now allowable, this completed form is considered to fulfill the response requirements of the last Office action. Applicant is not relieved from providing a separate record of the interview unless box 1 above is also checked.

Cnd
6/17/98

Examiner Note: You must sign and stamp this form unless it is an attachment to a signed Office action.



2773
 2415
 \$

Attorney's Docket No.: 004860.P1365C2 Patent

In re the Application of: Steven W. Christensen

(inventor(s))

Application No.: 08/821.004

Filed: March 20, 1997

For: METHOD AND APPARATUS FOR DISPLAYING AND ACCESSING CONTROL AND STATUS

INFORMATION IN A COMPUTER SYSTEM

(title)

ASSISTANT COMMISSIONER FOR PATENTS
 Washington, D.C. 20231

SIR: Transmitted herewith is an Amendment for the above application.

- Small entity status of this application under 37 C.F.R. §§ 1.9 and 1.27 has been established by a verified statement previously submitted.
- A verified statement to establish small entity status under 37 C.F.R. §§ 1.9 and 1.27 is enclosed.
- No additional fee is required.

RECEIVED
 JUL - 7 PM 2:24
 GROUP 2700

The fee has been calculated as shown below:

	(Col. 1)		(Col. 2)		(Col. 3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	Claims Remaining After Amd.		Highest No. Previously Paid For		Present Extra	Rate	Additional Fee	Rate	Additional Fee
Total Claims	* 31	Minus	** 24		7	x11	\$	x22	\$ 154
Indep. Claims	* 5	Minus	*** 3		2	x41	\$	x82	\$ 164
First Presentation of Multiple Dependent Claim(s)						+135	\$	+270	\$ 0
						Total	\$	Total	\$ 318
						Add. Fee	\$	Add. Fee	\$

* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
 ** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
 *** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest No. Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

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 June 25, 1998
 Date of Deposit

Edith Fuentes
 Name of Person Mailing Correspondence

Edith Fuentes
 Signature

6-25-98
 Date

A check in the amount of \$ 318.00 is attached for presentation of additional claim(s).
Applicant(s) hereby Petition(s) for an Extension of Time of _____ month(s) pursuant to
37 C.F.R. § 1.136(a).

A check for \$ _____ is attached for processing fees under 37 C.F.R. § 1.17.
Please charge my Deposit Account No. 02-2666 the amount of \$ _____.

A duplicate copy of this sheet is enclosed.
The Commissioner of Patents and Trademarks is hereby authorized to charge payment of the
following fees associated with this communication or credit any overpayment to Deposit
Account No. 02-2666 (a duplicate copy of this sheet is enclosed):

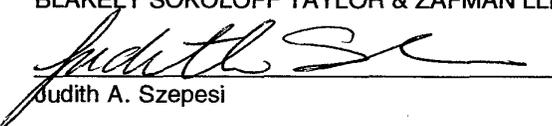
Any additional filing fees required under 37 C.F.R. § 1.16 for presentation of
extra claims.

Any extension or petition fees under 37 C.F.R. § 1.17.

Date: _____

6/25/98
12400 Wilshire Boulevard
Seventh Floor
Los Angeles, California 90025
(408) 720-8598

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP


Judith A. Szepesi

Reg. No. 39,393



PTO/SB/17(10/96)
 Approved for use through 09/30/98. OMB 0651-0032
 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

TOTAL AMOUNT OF PAYMENT (\$) \$318.00

Complete if Known:

Application No. 08/821,004
 Filing Date March 20, 1997
 First Named Inventor Steven W. Christensen
 Group Art Unit 2415
 Examiner Name Dela Torre, C.
 Attorney Docket No. 004860.P1365C2

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666
 Deposit Account Name _____

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.131(b)

2. Payment Enclosed
 Check
 Money Order
 Other

RECEIVED
 98 JUL - 7 PM 2: 24
 GROUP 2700

FEE CALCULATION (fees effective 10/01/97)

1. **FILING FEE**

Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	790	201	395	Utility application filing fee	_____
106	330	206	165	Design application filing fee	_____
107	540	207	270	Plant filing fee	_____
108	790	208	395	Reissue filing fee	_____
114	150	214	75	Provisional application filing fee	_____
SUBTOTAL (1)					\$ 0.00

2. **CLAIMS**

	Extra	Fee from below	Fee Paid
Total Claims <u>31</u> - 24 = <u>7</u>	X	<u>22.00</u>	= <u>154.00</u>
Independent Claims <u>5</u> - 3 = <u>2</u>	X	<u>82.00</u>	= <u>164.00</u>
Multiple Dependent Claims _____	X	_____	= _____

Large Entity Code	Large Entity Fee (\$)	Small Entity Code	Small Entity Fee (\$)	Fee Description	Fee Paid
103	22	203	11	Claims in excess of twenty	<u>154.00</u>
102	82	202	41	Independent claims in excess of 3	<u>164.00</u>
104	270	204	135	Multiple dependent claim	_____
109	82	209	41	Reissue independent claims over original patent	_____
110	22	210	11	Reissue claims in excess of 20 and over original patent	_____
SUBTOTAL (2)					\$ 318.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>		
105	130	205	65	Surcharge - late filing fee or oath	_____
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	_____
139	130	139	130	Non-English specification	_____
147	2,520	147	2,520	For filing a request for reexamination	_____
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	_____
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	_____
115	110	215	55	Extension for response within first month	_____
116	400	216	200	Extension for response within second month	_____
117	950	217	475	Extension for response within third month	_____
118	1,510	218	755	Extension for response within fourth month	_____
128	2,060	228	1,030	Extension for response within fifth month	_____
119	310	219	155	Notice of Appeal	_____
120	310	220	155	Filing a brief in support of an appeal	_____
121	270	221	135	Request for oral hearing	_____
138	1,510	138	1,510	Petition to institute a public use proceeding	_____
140	110	240	55	Petition to revive unavoidably abandoned application	_____
141	1,320	241	660	Petition to revive unintentionally abandoned application	_____
142	1,320	242	660	Utility issue fee (or reissue)	_____
143	450	243	225	Design issue fee	_____
144	670	244	335	Plant issue fee	_____
122	130	122	130	Petitions to the Commissioner	_____
123	50	123	50	Petitions related to provisional applications	_____
126	240	126	240	Submission of Information Disclosure Stmt	_____
581	40	581	40	Recording each patent assignment per property (times number of properties)	_____
146	790	246	395	For filing a submission after final rejection (see 37 CFR 1.129(a))	_____
149	790	249	395	For each additional invention to be examined (see 37 CFR 1.129(a))	_____

Other fee (specify) _____
 Other fee (specify) _____

SUBTOTAL (3)\$ 0.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Judith A. Szepesi
 Signature *Judith A. Szepesi* Date 6/25/98
 Reg. Number 39,393 Deposit Account User ID _____
 (complete if applicable)

FIRST CLASS CERTIFICATE OF MAILING

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on JUNE 25, 1998

Date of Deposit

EDITH EVENTES

Name of Person Mailing Correspondence



[Signature]
Signature

6-25-98
Date

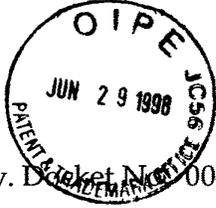
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98 JUL -7 PM 2:24
GROUP 2700

Serial/Patent No.: 08/821, 004 Filing/Issue Date: 3/20/97
 Client: Apple Computer, Inc.
 Title: METHOD AND APPARATUS FOR DISPLAYING AND ACCESSING CONTROL AND STATUS INFORMATION IN A COMPUTER SYSTEM
 BSTZ File No.: 004860.P1365C2 Atty/Secty Initials: JAS/ef
 Date Mailed: June 25, 1998 Docket Due Date: 6/25/98

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Amendment/Response (<u>12</u> pgs.) | <input type="checkbox"/> Express Mail No.: | <input checked="" type="checkbox"/> Check No. <u>23018</u> |
| <input type="checkbox"/> Appeal Brief (___ pgs.) (in triplicate) | <input type="checkbox"/> _____ Month(s) Extension of Time | Amt: <u>\$318.00</u> |
| <input type="checkbox"/> Application - Utility (___ pgs., with cover and abstract) | <input type="checkbox"/> Information Disclosure Statement & PRO-1449 (___ pgs.) | <input type="checkbox"/> Check No. _____ |
| <input type="checkbox"/> Application - Rule 1.60 Continuation (___ pgs.) | <input type="checkbox"/> Issue Fee Transmittal | Amt: _____ |
| <input type="checkbox"/> Application - Rule 1.60 Division (___ pgs.) | <input type="checkbox"/> Notice of Appeal | |
| <input type="checkbox"/> Application - Rule 1.60 CIP (___ pgs.) | <input type="checkbox"/> Petition for Extension of Time | |
| <input type="checkbox"/> Application - Rule 1.62 Transmittal (___ pgs.) | <input type="checkbox"/> Petition for _____ | |
| <input type="checkbox"/> Application - Design (___ pgs.) | <input checked="" type="checkbox"/> Postcard | |
| <input type="checkbox"/> Application - PCT (___ pgs.) | <input type="checkbox"/> Power of Attorney (___ pgs.) | |
| <input type="checkbox"/> Application - Provisional (___ pgs.) | <input type="checkbox"/> Preliminary Amendment (___ pgs.) | |
| <input type="checkbox"/> Assignment and Cover Sheet | <input type="checkbox"/> Reply Brief (___ pgs.) | |
| <input checked="" type="checkbox"/> Certificate of Mailing | <input type="checkbox"/> Response to Notice of Missing Parts | |
| <input type="checkbox"/> Declaration & POA (___ pgs.) | <input type="checkbox"/> Request to Incorporate Disclosure Document (___ pgs.) | |
| <input type="checkbox"/> Disclosure Docs & Orig & Copy of Inventor's Signed Letter (___ pgs.) | <input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business | |
| <input type="checkbox"/> Drawings: _____ # of sheets includes _____ figures | <input checked="" type="checkbox"/> Transmittal Letter (original & copy) | |

Other: Fee Transmittal (2)



Atty. Docket No. 004860.P1365C2

Patent

22/E
7-10-98
C/m

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
 Steven W. Christensen)
)
 Serial No. 08/821,004)
)
 Filed: March 20, 1997)
)
 For: METHOD AND APPARATUS)
 FOR DISPLAYING AND)
 ACCESSING CONTROL AND)
 STATUS INFORMATION IN A)
 COMPUTER SYSTEM)

Examiner: Dela Torre, C.

Art Unit: 2415

RECEIVED
98 JUL -7 PM 2:24
GROUP 2100

AMENDMENT AND RESPONSE TO OFFICE ACTION

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

Sir:

In response to the Office Action mailed March 25, 1998, please amend the above-referenced application as follows:

FIRST CLASS CERTIFICATE OF MAILING

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 June 25, 1998
Date of Deposit

Edith Fuentes
Name of Person Mailing Correspondence

Edith Fuentes
Signature

6-25-98
Date

07/02/1998 TNGUYEN 00000053 08821004

01 FC:103 154.00 OP
02 FC:102 164.00 OP

IN THE CLAIMS

Please amend the claims as follows:

Sub
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1. (Three Times Amended) An interactive computer-controlled display system comprising:

- a processor;
- a data display screen coupled to the processor;
- a cursor control device coupled to said processor for positioning a cursor on said data display screen;
- a window generation and control logic coupled to the processor and data display screen to create an operating environment for a plurality of individual programming modules associated with different application programs that provide status and/or control functions, wherein the window generation and control logic generates and displays a first window region having a plurality of display areas on said data display screen, wherein the first window region is independent of any application program, and wherein each of the plurality of display areas is associated with one of the plurality of individual programming modules;
- an indicia generation logic coupled to the data display screen to execute at least one of the plurality of individual programming modules to generate information for display in one of the plurality of display areas in the first window region, wherein at least one of the plurality of display areas and its associated programming module is sensitive to user input, and further wherein the window generation and control logic and the indicia generation logic use message-based communication to exchange information to coordinate activities of the indicia generation logic to enable interactive display activity.

EX

Sub
(H)
11. (Three Times Amended) An interactive computer-controlled display system comprising:

a processor;

a data display screen coupled to the processor;

a cursor control device coupled to said processor for positioning a cursor on said data display screen;

EG
window generation and control logic coupled to the processor and data display screen to create an operating environment for a plurality of individual programming modules associated with different application programs that provide status and/or control functions, wherein the window generation and control logic generates and displays a first window region having a plurality of display areas on said data display screen, wherein the first window region is independent of any application program, and wherein each of the plurality of display areas is associated with one of the plurality of individual programming modules;

at least one indicia graphics generation logic coupled to the processor and the window generation and control logic, wherein said at least one indicia graphics generation logic generates user sensitive graphics for display in at least one data display area by executing at least one of the plurality of individual programming modules;

wherein the window generation and control logic determines when said at least one data display area has been selected by the user and signals said at least one indicia graphics generation logic in response to user selection, and further wherein said at least one indicia graphics generation logic initiates a response from said at least one of the plurality of programming modules.

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15. (Three Times Amended) A method for generating control information comprising the steps of:

- creating an operating environment for a plurality of individual programming modules associated with different application programs that provide status and/or control functions;
- generating a first window sized to accommodate a plurality of display areas for indicia resulting from executing at least one of the plurality of individual programming modules, wherein each of the plurality of display areas is associated with one of the plurality of individual programming modules, and wherein the first window is independent of any application program;
- displaying the indicia in each of said plurality of display areas by executing one of a plurality of individual programming modules corresponding to each indicia;
- selecting one of the indicia, wherein the step of selecting comprises a first programming module determining which of said plurality of display areas is selected and sending a message to a programming module of said plurality of individual programming modules responsible for generating a display of a selected indicia;
- said programming module performing a function in response to a selection.

E3

Please add the following claims:

E4
cont

25. (New) A system comprising:

- a window generation and control logic to create an operating environment for a plurality of individual programming modules associated with different application programs that provide status and/or control functions, wherein the

window generation and control logic generates and displays a first window region having a plurality of display areas, wherein the first window region is independent of any application program, and wherein each of the plurality of display areas is associated with one of the plurality of individual programming modules;

an indicia generation logic coupled to the data display screen to execute at least one of the plurality of individual programming modules to generate information for display in one of the plurality of display areas in the first window region, wherein at least one of the plurality of display areas and its associated programming module is sensitive to user input, and further wherein the window generation and control logic and the indicia generation logic use message-based communication to exchange information to coordinate activities of the indicia generation logic to enable interactive display activity.

26. (New) A system comprising:

a window region independent of any application program, the window region having interactive display areas;

each of a plurality of the display areas associated with one of a plurality of individual programming modules;

wherein at least one of the individual programming modules is executable to generate information for display in the plurality of display areas, and wherein at least one of the display areas sensitive to user input.

27. (New) The system of claim 26 wherein the window region is displayed at a bottom of a display screen.

24
cont

~~28. (New) The system of claim 26, wherein one of the display areas displays status information.~~

~~29. (New) The system of Claim 26, wherein one of the display areas control information.~~

~~30. (New) The system of claim 26, wherein the window region is always displayed on top of other windows.~~

~~31. (New) The system of claim 26, wherein the window region is a~~
~~resizeable control strip, such that the window region is displayed but none of the~~
~~display areas are shown when the window region is closed, some of the display areas~~
~~are displayed when the window region is partially open, and all of the display areas~~
~~are displayed when the window region is completely open.~~

*E4
cancel*

REMARKS

The foregoing amendments and the following remarks are responsive to the Office Action mailed March 25, 1998. Applicant respectfully requests reconsideration of the present application. Claims 1-24 remain in the application. Claims 1, 11, and 15 have been amended. New claims 25-31 have been added.

The Examiner rejected claims 1-3 and 8-24 under 35 U.S.C. 103(a) as being unpatentable over Cohausz EPO Patent No. 0 584 392 A1, based upon the English translation, in view of Foster et al., U.S. Patent No. 5,588,105.

The Examiner further rejected Claims 4-7 under 35 U.S.C. 103(a) as being unpatentable over Cohausz EPO Patent No. 0 584 392 A1, based upon the English translation, and Foster et al, U.S. Patent No. 5,588,105 and further in view of Mills et al., U.S. Patent No. 5,202,961.

Cohausz, according to the Examiner, teaches individual programming modules at bridging paragraph of pp. 2-3, where Cohausz states:

"The problem under consideration is solved according to the invention in that the oblong field comprises a plurality of individual fields which are adjacent to one another, each of which constitutes an operating field or a control button which, upon being activated, branches into the associated program area or executes the associated program function, with the indicator field or the cursor always being located on the individual field in whose associated program area/program function the user is currently located."

It is clear from Cohausz that there are no individual programming modules associated with different application programs, but rather a single program, which can be accessed at different locations through the use of this indicator. Therefore, Cohausz does not teach the individual programming modules associated with different programs as claimed in Claim 1 of the present invention. Foster does not remedy this failing of Cohausz. Foster teaches a status bar for application windows. Specifically, Foster teaches:

A "status bar" which is attached to open application windows. Since the status bar is attached directly to the application window, there is no ambiguity as to which window that status bar controls.'

(Foster, Summary, Column 1, lines 54-57).

Foster further notes that in order to generate his status bar, the process initially starts a new application program and then couples the status bar to the application program window. (Column 6, lines 32-40). Foster further teaches that the icons on the status bar relate to actions within the application window. Thus, for example, Foster teaches a notepad which has a status bar including items such as view button, font button, nib button, close button, etc. In addition to these specific buttons that are associated with the application, a global clock button is also taught by Foster to display the current time.

Foster teaches "buttons 60 and 62 are examples of active areas which provide indirect control over the notepad function." Thus, the buttons on the status bar of Foster provide indirect control over functions of a single application program.

Claim 1, on the other hand, claims:

a window generation and control logic coupled to the processor and data display screen to create an operating environment for a plurality of individual programming modules associated with different application programs that provide status and/or control functions, wherein the window generation and control logic generates and displays a first window region having a plurality of display areas on said data display screen, wherein the first window region is independent of any application program, and wherein each of the plurality of display areas is associated with one of the plurality of individual programming modules;

(Claim 1, as amended). Neither Cohausz nor Foster teach or suggest the plurality of display areas associated with individual programming modules. Rather, Cohausz' display areas are associated with different locations of the application program, and Foster's display areas are associated with functions of the application program. Therefore, Claim 1 is not obvious over Cohausz in view of Foster.

Furthermore, Claim 1, as amended, claims indicia generation logic that uses message-based communication. This is defined in the specification as: passing information to the module to either tell it what to do or to obtain information about the module and its capabilities. (Specification, pg. 32, lines 5-7).

According to the Examiner Cohausz teaches message based communication at p. 3, second paragraph, where it states: "The status indicator thus has the double function of operation like a menu and of displaying exactly where in the program or in the body of information the operator or user is located." The Examiner interprets operating like a menu as telling the module what to do. The Examiner also interprets the phrase "where . . . user is located" as obtaining information about the module -- i.e. location of the user in the program.

Applicant respectfully suggests that the Examiner misunderstands the meaning of the term "menu" as used in Cohausz. Specifically, the term menu in Cohausz refers to a table of contents, rather than to communication with a module. This is clarified on pg. 5 of Cohausz, where it states that "the oblong status indicator can represent a menu in which the individual fields represent menu points or menu subjects." No indication is found that this relates to communication with a programming module. The sentence above this one clarifies that "the individual fiends are control panels or control buttons, which, when activated (clicked on) lead to the respective program area, text, or information segment." This is the functionality of the indicator of Cohausz.

It is the Applicants understanding that the interpretation that the indicator obtains information about the module is not supported by the reference. Cohausz refers to displaying where the user is located, i.e. actual location within a document. Along the oblong field, a square or other indicator is located at the same location as the cursor can be found in the text. This is similar to the scroll bar of most word

processors. The difference is that the scroll bar of Cohausz is divided into subsections indicating a defined program area or program function. There is no indication of that the oblong field obtains information about a module.

In fact, Cohausz does not teach or suggest any communication between the indicator and anything else. Thus, Cohausz does not teach message based communication, as claimed in Claim 1. Foster does not remedy this failing of Cohausz. Foster controls functions of an application program and may display a clock, and does not teach or suggest message based communication. Therefore, Claim 1 is not obvious over Cohausz in view of Foster.

Furthermore, Claim 1 claims the first window region independent of any application program. Examiner noted that Cohausz does not teach a status bar with a plurality of individual programming module associated with different programs. Examiner references Foster characterizing the status bar of Foster as being associated with different programs.

Foster teaches a status bar for application windows. Specifically, Foster teaches:

A "status bar" which is attached to open application windows. Since the status bar is attached directly to the application window, there is no ambiguity as to which window that status bar controls.'

(Foster, Summary, Column 1, lines 54-57).

Foster further notes that in order to generate his status bar, the process initially starts a new application program and then couples the status bar to the application program window. (Column 6, lines 32-40). Foster further teaches that the icons on the status bar relate to actions within the application window. Thus, for example, Foster teaches a notepad which has a status bar including items such as view button, font button, nib button, close button, etc. In addition to these specific

buttons that are associated with the application, a global clock button is also taught by Foster to display the current time.

However, Claim 1, as amended, claims:

a window generation and control logic coupled to the processor and data display screen to create an operating environment for a plurality of individual programming modules associated with different application programs that provide status and/or control functions, wherein the window generation and control logic generates and displays a first window region having a plurality of display areas on said data display screen, wherein the first window region is independent of any application program, and wherein each of the plurality of display areas is associated with one of the plurality of individual programming modules;

(Claim 1, as amended) (emphasis added). Neither Foster nor Cohausz teach or suggest a plurality of display areas independent of any application program and associated with a plurality of individual programming modules. Cohausz teaches a status bar for controlling a display within an application program. Similarly, Foster teaches a status bar associated with an application program, and used to control actions within the application program. Claim 1, on the other hand, claims an independent window region, not associated with any application programs. Therefore, Claim 1 is not obvious over Cohausz in view of Foster.

Similarly, independent claims 11, 15, 25, and 26 claim a plurality of display areas independent of any application program and associated with a plurality of individual programming modules. Therefore, for the same reasons advanced above with respect to Claim 1, claims 11, 15, 25, and 26 are not obvious over Cohausz in view of Foster.

In view of the foregoing amendments and remarks, applicant respectfully submits that all pending claims are in condition for allowance. Such allowance is respectfully requested.

If the Examiner finds any remaining impediment to the prompt allowance of these claims that could be clarified with a telephone conference, the Examiner is respectfully requested to contact Judith A. Szepesi at (408) 720-8598.

Authorization is hereby given to charge our Deposit Account No. 02-2666 for any charges that may be due.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 6/25, 1998



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APPLICATION NO. 88/821,004	FILING DATE 03/20/97	FIRST NAMED INVENTOR CHRISTENSEN	ATTORNEY DOCKET NO. S 04860.P1365C
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ART UNIT 2773	PAPER NUMBER 23
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DATE MAILED: 09/18/98

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

Commissioner of Patents and Trademarks

Office Action Summary

Application No. 08/821,004	Applicant(s) Christensen
Examiner Crescelle Delatorre	Group Art Unit 2773



Responsive to communication(s) filed on Jun 29, 1998

This action is **FINAL**.

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.

A shortened statutory period for response to this action is set to expire three month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claims

Claim(s) 1-31 is/are pending in the application.

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

Claim(s) _____ is/are allowed.

Claim(s) 1-31 is/are rejected.

Claim(s) _____ is/are objected to.

Claims _____ are subject to restriction or election requirement.

Application Papers

See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

The drawing(s) filed on _____ is/are objected to by the Examiner.

The proposed drawing correction, filed on _____ is approved disapproved.

The specification is objected to by the Examiner.

The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

All Some* None of the CERTIFIED copies of the priority documents have been received.

received in Application No. (Series Code/Serial Number) _____.

received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

Notice of References Cited, PTO-892

Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

Interview Summary, PTO-413

Notice of Draftsperson's Patent Drawing Review, PTO-948

Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

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DETAILED ACTION

1. This action is responsive to communications: Amendment, filed on 6/29/98.

This action is final.

2. Claims 1 - 31 are pending in this application. Claims 1, 11, 15, 25, and 26 are independent claims. In the Amendment, filed on 6/29/98, claims 1, 11, and 15 were amended, and claims 25 - 31 were added.

This application is a CPA of 08/821,004, filed on 3/20/97, which is an FWC of 08/316,237, filed on 9/30/94, now abandoned.

3. The present title of the invention is "Method and Apparatus for Displaying and Accessing Control and Status Information in a Computer System" as originally filed.

Claim Rejections - 35 USC § 112

4. Claims 1 - 31 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

As per independent claim 1, and the other independent claims 11, 15, 25, and 26, it is not clear how the first window region, which consists of a plurality of display areas, can both be

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independent of any application program and associated with a plurality of individual programming modules, which are associated with different application programs. In other words, how can the plurality of display areas be independent of any application program, when it is associated with those application programs? Unless otherwise noted by applicant, it is presumed by examiner that the amended portion, "wherein the first window region is independent of any application program" means that the first window region is displayed separately from any application program.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 26 - 30 are rejected under 35 U.S.C. 102(b) as being anticipated by Takagi et al. (U.S. patent 4,885,704).

As to claim 26, Takagi et al., hereinafter Takagi, teaches the following subject matter:

a window region independent of any application program, with function area 202, in Fig. 2, the window region having interactive display areas, such as F1 - F4, at col. 4, lines 49 - 52;

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each of the plurality of display areas, F1 - F4, associated with one of a plurality of individual programming modules, such as Scanner, Printer, Display, and File, in Fig. 2;

wherein at least one of the plurality of the individual programming modules is executable to generate information for display in the plurality of display areas, at Figs. 2, 4 - 7, and col. 4, line 42 to col. 5, line 14, and wherein at least one of the display areas is sensitive to user input, at col. 4, lines 49 - 57.

In addition, Takagi teaches that the window region 202, is displayed at a bottom of a display screen [claim 27] as shown at Figs. 2 - 7; that one of the display areas shows status [claim 28] and control [claim 29] information, at Figs. 4 - 7; and that the window region is always on top of other windows [claim 30] as illustrated at Figs. 2 - 7, which shows that windows, such as 201, do not overlap function area 202.

Claim Rejections - 35 USC § 103

7. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

8. Claims 1 - 3, 8 - 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cohausz (EPO 0 584 392 A1), based upon the English translation, in view of Takagi et al. (U.S. patent 4,885,704).

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As per claim 1, Cohausz teaches an "interactive computer-controlled display system" with a 'status indicator for a computer program', that comprises:

"a processor" which is inherently taught by Cohausz, since a processor is necessary in order to execute the functions of the status indicator;

"a data display screen" with 'monitor screen' at p. 4, paragraph 5;

"a cursor control device" with a 'mouse cursor' at p. 5, paragraph 2;

"a window generation and control logic" to "create an operating environment for a plurality of individual programming modules" that "provide status and control functions" at the bridging paragraph of pp. 2 - 3, "wherein the window generation and control logic generates and displays a first window region" with oblong field 1, at Figs. 1 - 3, and at p. 4, paragraph 5, "having a plurality of display areas" with individual fields 2, at Fig. 1, and at p. 4, paragraph 5, "wherein each of the plurality of display areas is associated with one of the plurality of individual programming modules" at p. 3, paragraph 2;

"an indicia generation logic" to "execute at least one of the plurality of programming modules to generate information for display in one of the plurality of display areas" at p. 3, paragraph 2, "wherein at least one of the plurality of display areas and its associated programming module is sensitive to user input" at p. 5, paragraph 2, and further using "message-based communication to exchange information to coordinate activities of the indicia generation logic to enable interactive display activity" at p. 3, paragraph 2, which teaches information passing between the status indicator and the respective program area, text, or information segment.

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Regarding claim 1, Cohausz teaches all that is claimed above, but does not teach a status bar with a plurality of individual programming modules associated with different programs, nor does Cohausz teach that the first window region is displayed separately from any application program. Cohausz teaches a status indicator for a single program, wherein the "plurality of individual programming modules" that "provide status and control functions" were interpreted as individual programming fields representing portions of a single program.

On the other hand, Takagi teaches a first window region, with function area 202, which is displayed separately from application programs in window 201, and also teaches that the plurality of individual programming modules, F1 - F4, in function area 202, are associated with different programs, such as Scanner, Printer, Display, and File, at Figs. 2, 4 - 7, and col. 4, line 42 to col. 5, line 14. Thus, Takagi makes up for the missing elements in Cohausz.

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to include a first window region displayed separately from any application program and have "individual programming modules associated with different programs" as taught by Takagi in the invention of Cohausz because it provides a user with access to status and control information of a plurality of application programs in a separate region.

As per claim 2, Cohausz teaches a "control strip" with oblong field 1, at Figs. 1 - 3.

Regarding claim 3, Cohausz also teaches that "at least one display area is variably sized" at p. 5, paragraph 1, and p. 6, paragraph 2.

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In addition, Cohausz teaches that "at least one of the plurality of display areas only displays information" [claim 8] at p. 3, paragraph 2, and at Figs. 1 - 3; or "acts to provide access to control information when selected" [claim 9] at p. 3, paragraph 2, or "displays an additional display element" [claim 10] at p. 6, paragraph 3.

In reference to claim 11, Cohausz teaches the following subject matter:

"a processor" which is inherently taught by Cohausz, since a processor is necessary in order to execute the functions of the status indicator;

"a data display screen" with 'monitor screen' at p. 4, paragraph 5;

"a cursor control device" with a 'mouse cursor' at p. 5, paragraph 2;

"a window generation and control logic" to "create an operating environment for a plurality of individual programming modules that provide status and control functions" at the bridging paragraph of pp. 2 - 3, "wherein the window generation and control logic generates and displays a first window region" with oblong field 1, at Figs. 1 - 3, and at p. 4, paragraph 5, "having a plurality of display areas" with individual fields 2, at Fig. 1, and at p. 4, paragraph 5, "wherein each of the plurality of display areas is associated with one of the plurality of individual programming modules" at p. 3, paragraph 2;

"at least one indicia graphics generation logic" that "generates user sensitive graphics for display in at least one data display area by executing at least one of the plurality of programming modules" at p. 3, paragraph 2; and

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wherein the window generation and control logic determines when a data display area has been selected, signals the indicia graphics generation logic, which then initiates a response from said at least one of the plurality of programming modules, also at p. 3, paragraph 2.

As to claim 11, Cohausz teaches all that is claimed above, but does not teach a status bar with a plurality of individual programming modules associated with different programs, nor does Cohausz teach that the first window region is displayed separately from any application program. Cohausz teaches a status indicator for a single program, wherein the "plurality of individual programming modules" that "provide status and control functions" were interpreted as individual programming fields representing portions of a single program.

On the other hand, Takagi teaches a first window region, with function area 202, which is displayed separately from application programs in window 201, and also teaches that the plurality of individual programming modules, F1 - F4, in function area 202, are associated with different programs, such as Scanner, Printer, Display, and File, at Figs. 2, 4 - 7, and col. 4, line 42 to col. 5, line 14. Thus, Takagi makes up for the missing elements in Cohausz.

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to include a first window region displayed separately from any application program and have "individual programming modules associated with different programs" as taught by Takagi in the invention of Cohausz because it provides a user with access to status and control information of a plurality of application programs in a separate region.

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Cohausz also teaches that the "first window region is always visible to the user" [claim 12] at p. 4, paragraph 5, since he teaches that the status indicator is 'visible during the entire program'. As per claims 13, 14, they correspond respectively to claims 2, 3.

As to claim 15, Cohausz teaches the following steps:

"creating an operating environment for a plurality of individual programming modules that provide status and control functions" at p. 2, paragraph 4 to p. 3, paragraph 2;

"generating a first window" with oblong field 1, at Figs. 1 - 3, and at p. 4, paragraph 5, to accommodate a "plurality of display areas for indicia" with individual fields 2, at Figs. 1 - 3, and at p. 4, paragraph 5, resulting from "executing at least one of the plurality of individual programming modules, wherein each of the plurality of display areas is associated with one of the plurality of individual programming modules" at p. 3, paragraph 2;

"displaying an indicia" as shown at Figs. 1 - 3;

"selecting one of the indicia" at p. 5, paragraph 2; and

"said programming module performing a function in response to the selection" at p. 5, paragraph 2.

Regarding claim 15, Cohausz teaches all that is claimed above, but does not teach a status bar with a plurality of individual programming modules associated with different programs, nor does Cohausz teach that the first window region is displayed separately from any application program. Cohausz teaches a status indicator for a single program, wherein the "plurality of

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individual programming modules" that "provide status and control functions" were interpreted as individual programming fields representing portions of a single program.

On the other hand, Takagi teaches a first window region, with function area 202, which is displayed separately from application programs in window 201, and also teaches that the plurality of individual programming modules, F1 - F4, in function area 202, are associated with different programs, such as Scanner, Printer, Display, and File, at Figs. 2, 4 - 7, and col. 4, line 42 to col. 5, line 14. Thus, Takagi makes up for the missing elements in Cohausz.

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to include a first window region displayed separately from any application program and have "individual programming modules associated with different programs" as taught by Takagi in the invention of Cohausz because it provides a user with access to status and control information of a plurality of application programs in a separate region.

In addition, Cohausz teaches "status information" [claim 16] and "control information" [claim 17] at Figs. 1 - 3, and at p. 5, paragraphs 2, 3.

As to claim 18, Cohausz teaches that the first programming module requests a set of features at p. 5, paragraph 2, sends a message to the programming module indicative of features, and the programming module returns a message; such that the programming modules interact with each other in response to user interaction with the first programming module, also at p. 5, paragraph 2.

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Cohausz also teaches the following: that each of the plurality of display areas is individually and variable sized [claims 19, 22] at p. 5, paragraph 1, and p. 6, paragraph 2; the first window region always appears in front of application windows [claims 20, 23] at p. 4, paragraph 5, wherein the status indicator is 'visible during the entire program'; and the first window region is in a 'private window layer' [claims 21, 24] also at p. 4, paragraph 5.

As to claim 25, it corresponds to claim 1.

9. Claims 4 - 7 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Cohausz (EPO 0 584 392 A1), based upon the English translation, and Takagi et al. (U. S. Patent 4,885,704), and further in view of Mills et al. (U.S. patent 5,202,961).

Cohausz teaches that the display areas [individual fields 2] of the first window region [oblong field 1] are variably sized at p. 5, paragraph 1, and p. 6, paragraph 2, but does not teach that the first window region is variably sized [claim 4], such that none of the plurality of display areas is visible [claim 5], all are visible [claim 6], or a portion is visible [claim 7]. Nor does Takagi teach the above elements of applicant's invention.

On the other hand, Mills et al., hereinafter Mills, teach that the size of the first window region is variable [claim 4] also at col. 4, lines 8 - 9, and also teaches sizing the first window region so that none of the display areas are visible [claim 5] with close box 28, at Fig. 2, and at col. 4, lines 7 - 8, or all [claim 6] or a portion [claim 7] of the display areas are visible, both at col. 4, lines 8 - 9.

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Although neither Cohausz nor Takagi teach that the first window region is variably sized as claimed in claims 4 - 7, it would have been obvious to one of ordinary skill in the art at the time of the invention to vary the size of the first window region as taught by Mills, because it gives the user control over how much and what to display of the status indicator.

10. Claim 31 is rejected under 35 U.S.C. 103(a) as being unpatentable over Takagi et al. (U.S. patent 4,885,704) in view of Mills et al. (U.S. patent 5,202,961).

Regarding claim 31, Takagi teaches a window region with function area 202, but does not teach that the window region is resizeable, such that none of the plurality of display areas are shown, all are displayed, or some are displayed.

On the other hand, Mills et al., hereinafter Mills, teach that the size of the window region is variable at col. 4, lines 8 - 9, and also teaches sizing the window region so that none of the display areas are visible, with close box 28, at Fig. 2, and at col. 4, lines 7 - 8, or all or a portion of the display areas are visible, both at col. 4, lines 8 - 9.

Although Takagi does not teach that the window region is variably sized, it would have been obvious to one of ordinary skill in the art at the time of the invention to vary the size of the window region as taught by Mills, because it gives the user control over how much and what to display of the function area.

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Response to Arguments

11. Applicant's arguments with respect to claims 1 - 31 have been considered but are moot in view of the new ground(s) of rejection.

As to independent claims 1, 11, 15, 25, 26, applicant amended each claim to include that the "first window region is independent of any application program". The examiner agrees with applicant that neither Cohausz nor Foster teach that the first window region is displayed separately from any application program. For instance, Foster teaches that the status bar is attached to the application program [see col. 8, lines 30 - 31, and Fig. 3].

However, in an update search, the examiner found the Takagi reference, which when combined with the Cohausz reference, still renders applicant's invention obvious since Takagi teaches a first window region, with function area 202, which is displayed separately from application programs in window 201, and also teaches that the plurality of individual programming modules, F1 - F4, in function area 202, are associated with different programs, such as Scanner, Printer, Display, and File, at Figs. 2, 4 - 7, and col. 4, line 42 to col. 5, line 14.

Regarding the Cohausz reference, the examiner agrees with applicant that Cohausz does not teach individual programming modules associated with different application programs, and that Cohausz does not teach that the "first window region is independent of any application program".

However, the examiner disagrees with applicant that Cohausz does not teach message-based communication, which is defined as "passing information to the module to either tell it what

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to do or to obtain information about the module and its capabilities". Cohausz teaches message-based communication since he teaches that "each of these fields constitutes a control panel or control button, which, upon being activated, branches into the associated program area or executes the associated program function" [see abstract]. Thus, Cohausz teaches passing information to the module to tell it what to do with the step of executing the associated program function.

Conclusion

12. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Responses

13. Responses to this action should be mailed to: Commissioner of Patents and Trademarks,