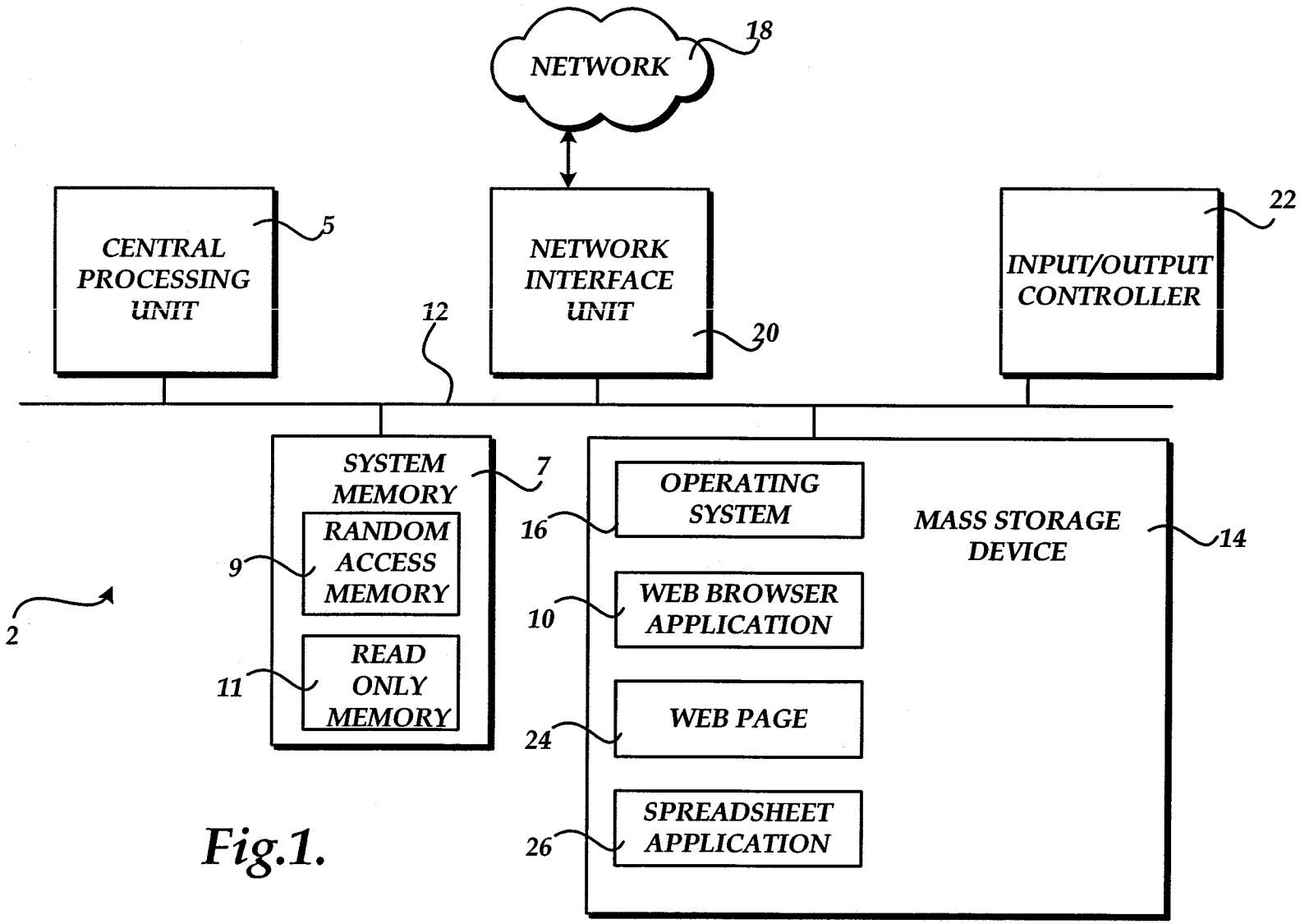

NETWORK
18
CENTRAL PROCESSING UNIT
5
NETWORK INTERFACE UNIT
20
INPUT/OUTPUT CONTROLLER
22
12
SYSTEM MEMORY
7
RANDOM ACCESS MEMORY
9
READ ONLY MEMORY
11
2
OPERATING SYSTEM
16
WEB BROWSER APPLICATION
10
WEB PAGE
24
SPREADSHEET APPLICATION
26
MASS STORAGE DEVICE
14

Fig.1.

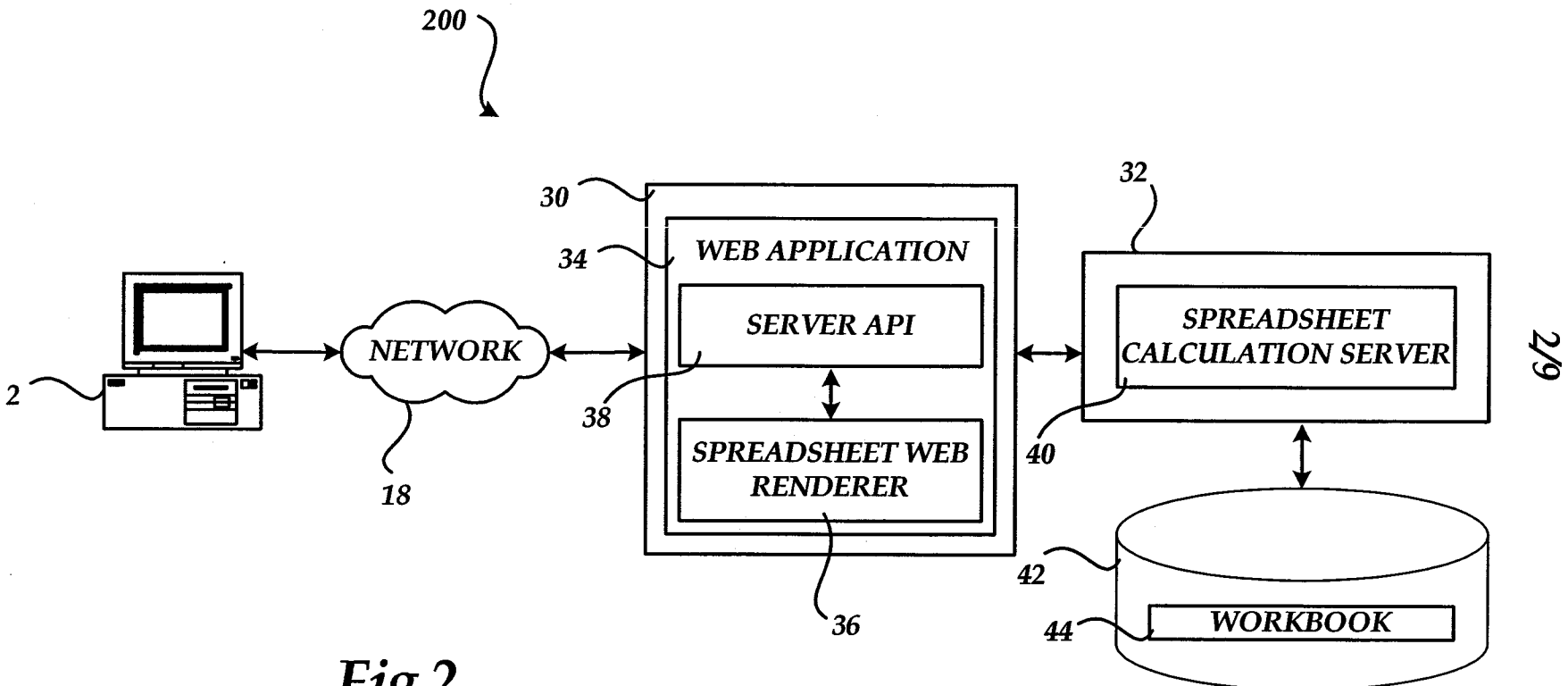

200
30
32
34
WEB APPLICATION
SERVER API
SPREADSHEET CALCULATION SERVER
NETWORK
2
38
40
18
SPREADSHEET WEB RENDERER
42
36
44
WORKBOOK

Fig.2.

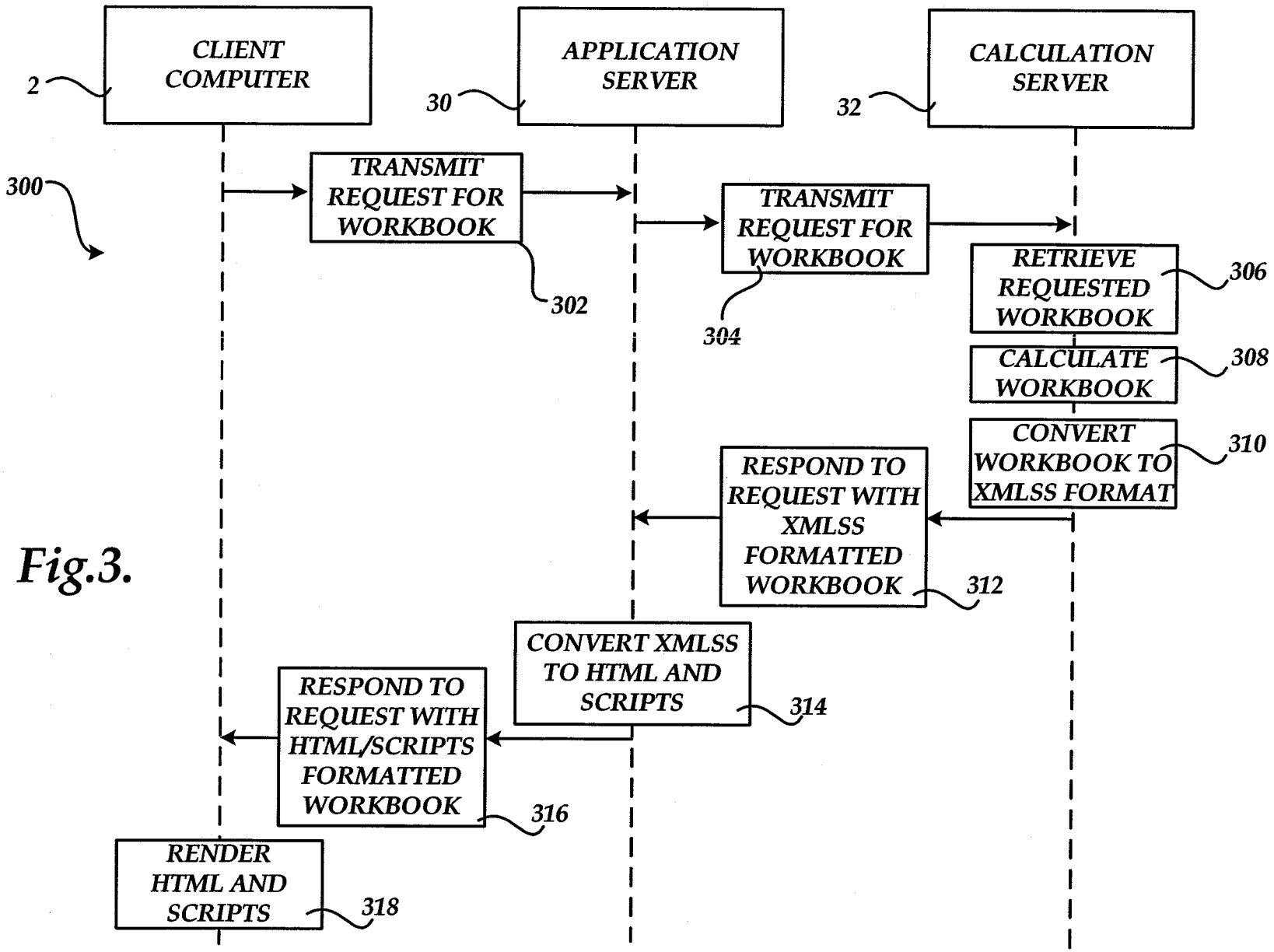

CLIENT COMPUTER
2
APPLICATION SERVER
30
CALCULATION SERVER
32
300
TRANSMIT REQUEST FOR WORKBOOK
302
TRANSMIT REQUEST FOR WORKBOOK
304
RETRIEVE REQUESTED WORKBOOK
306
CALCULATE WORKBOOK
308
CONVERT WORKBOOK TO XMLSS FORMAT
310
RESPOND TO REQUEST WITH XMLSS FORMATTED WORKBOOK
312
CONVERT XMLSS TO HTML AND SCRIPTS
314
RESPOND TO REQUEST WITH HTML/SCRIPTS FORMATTED WORKBOOK
316
RENDER HTML AND SCRIPTS
318

Fig.3.

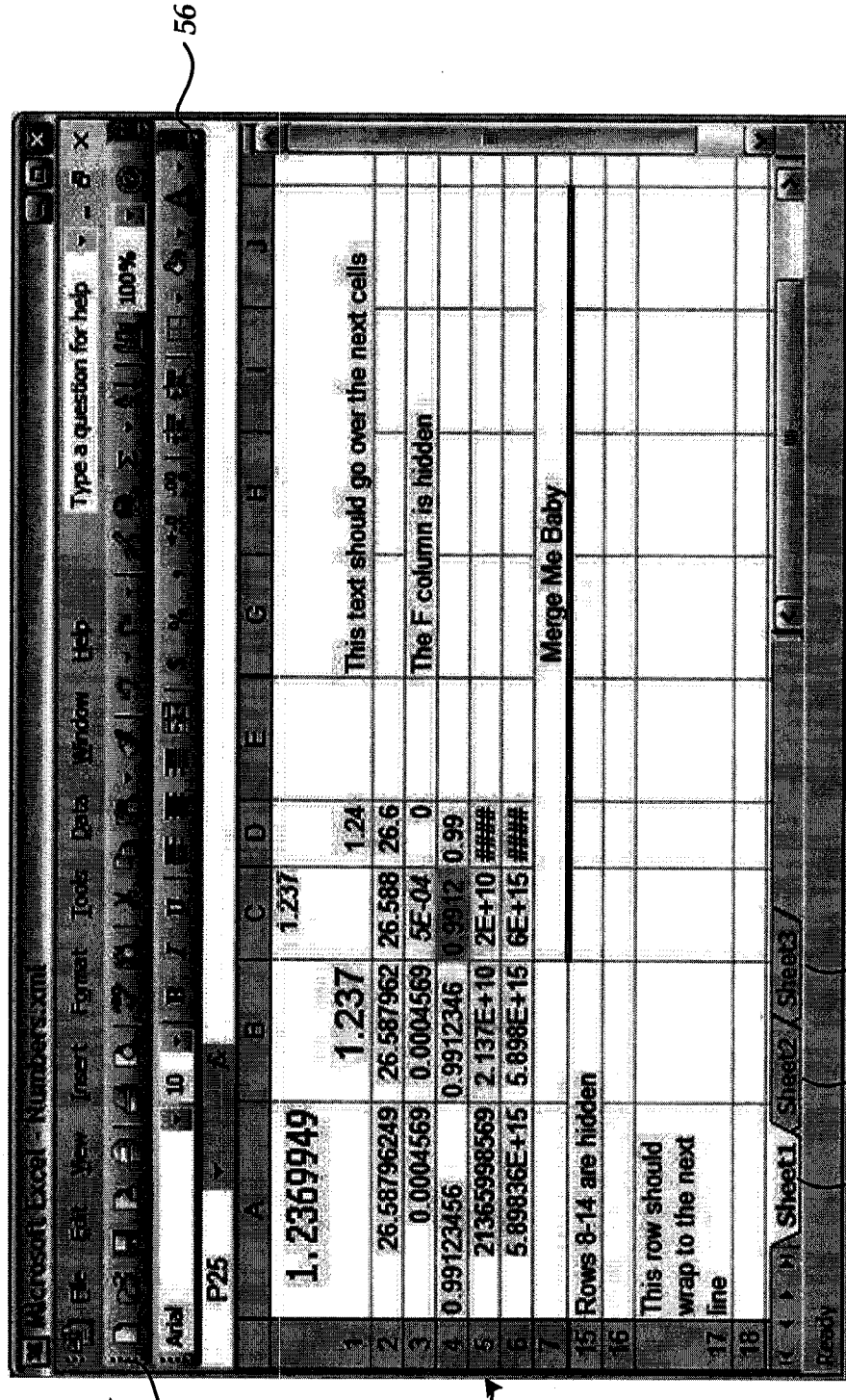

400
52
58
56
54A
54B
54C
Microsoft Excel - Numbers.xml
Type a question for help
Arial
P25
1.2369949
1.237
1.237
1.24
This text should go over the next cells
26.587962
26.587962
26.588
26.6
0.0004569
0.0004569
9E-04
0
The F column is hidden
0.99122456
0.99122456
0.99112
0.99
21365998569
2.137E+10
2E+10
#####
5.89836E+15
5.898E+15
6E+15
#####
Merge Me Baby
Rows 8-14 are hidden
This row should wrap to the next line
Sheet1
Sheet2
Sheet3
Ready

Fig.4.

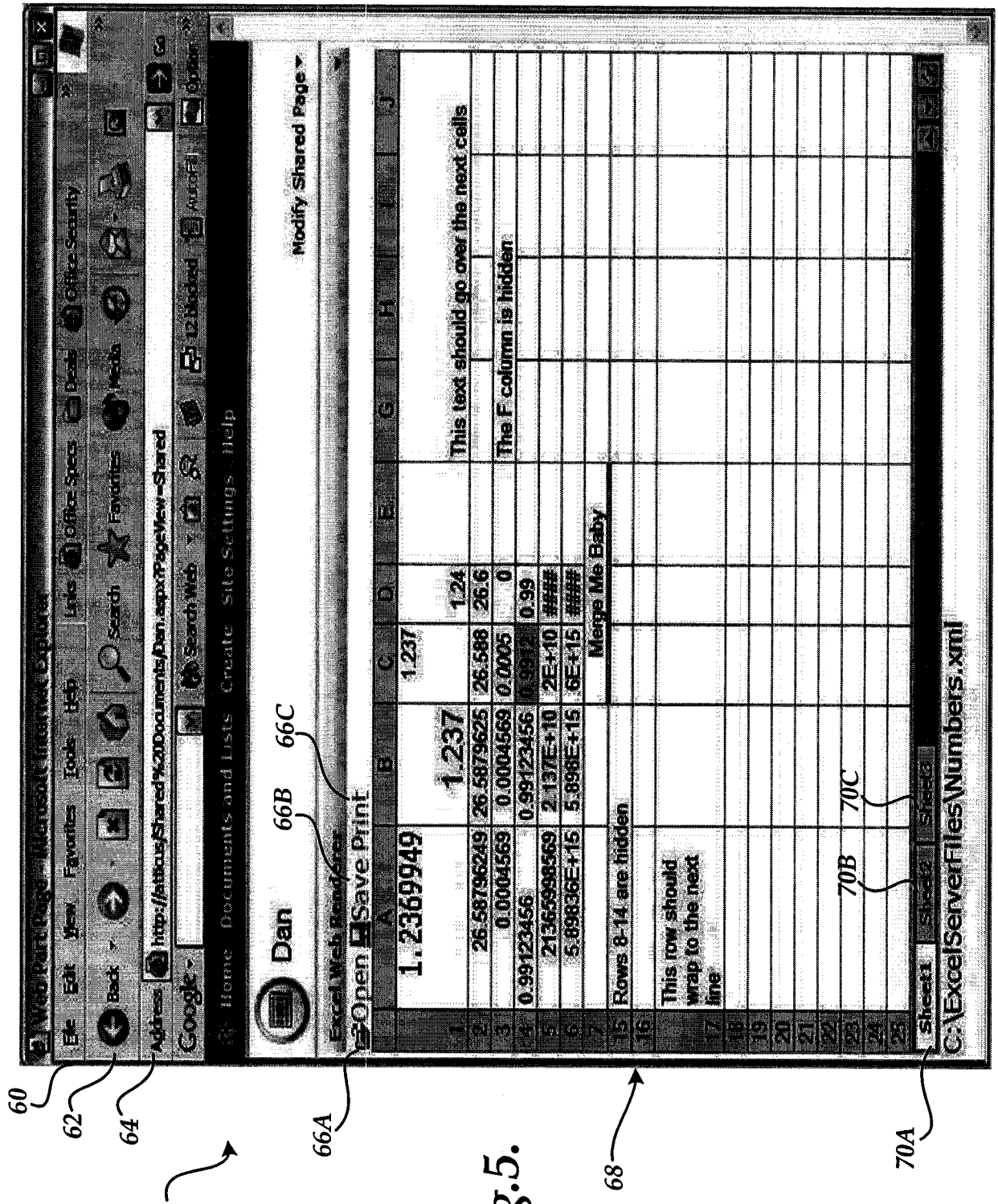

60
62
64
500
66A
66B
66C
68
70A
70B
70C
Dan
Modify Shared Page
Excel Web Renderer
Open
Save
Print
1.237
1.237
This text should go over the next cells
The F column is hidden
Merge Me Baby
Rows 8-14 are hidden
This row should wrap to the next line
Sheet1
Sheet2
Sheet3
C:\ExcelServerFiles\Numbers.xml

Fig.5.

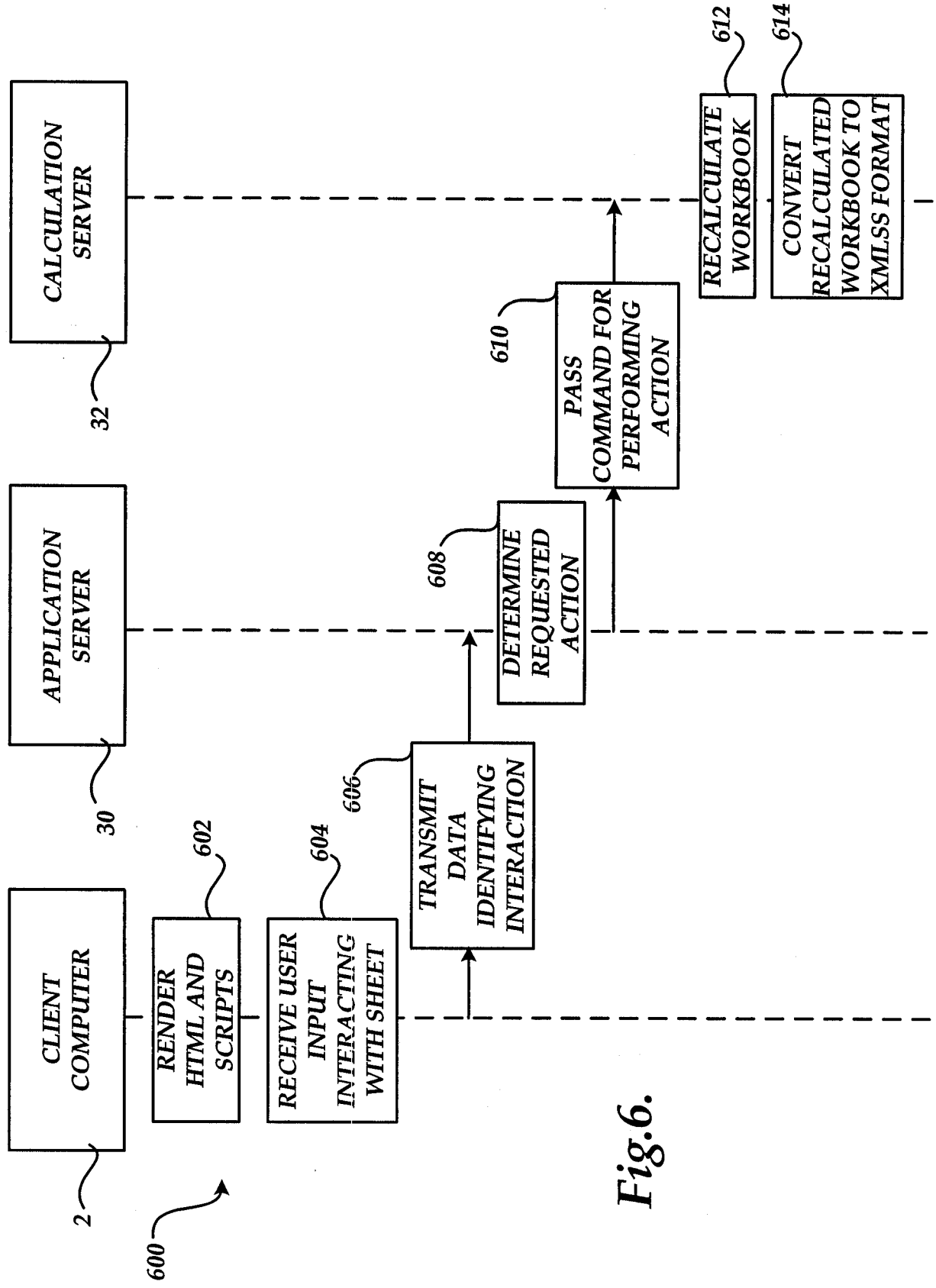

CLIENT COMPUTER
2
600
RENDER HTML AND SCRIPTS
602
RECEIVE USER INPUT INTERACTING WITH SHEET
604
TRANSMIT DATA IDENTIFYING INTERACTION
606
APPLICATION SERVER
30
DETERMINE REQUESTED ACTION
608
PASS COMMAND FOR PERFORMING ACTION
610
CALCULATION SERVER
32
RECALCULATE WORKBOOK
612
CONVERT RECALCULATED WORKBOOK TO XMLSS FORMAT
614

Fig.6.

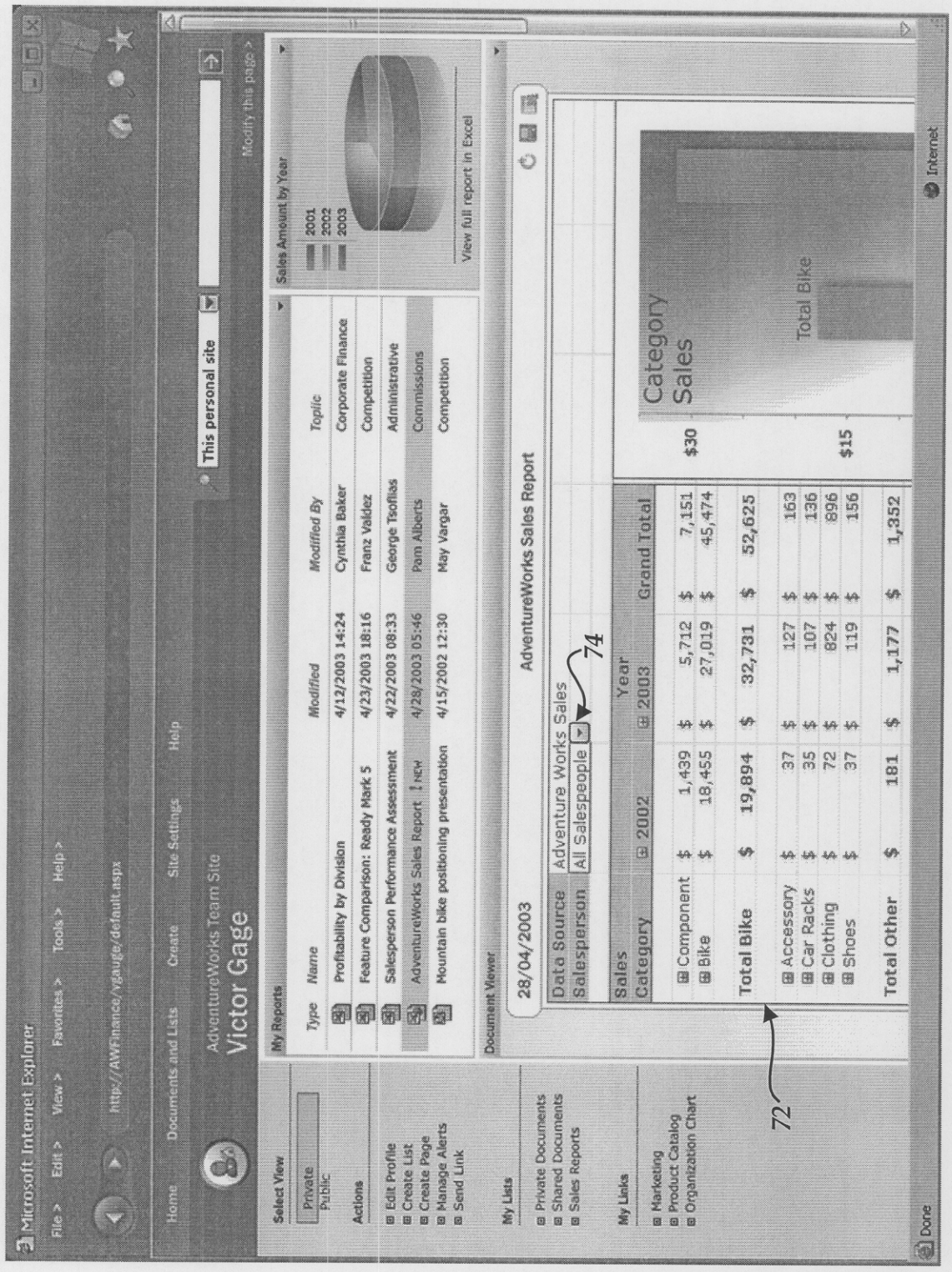

700
Microsoft Internet Explorer
File > Edit > View > Favorites > Tools > Help >
https://AWFinance/ygauge/default.aspx
Home Documents and Lists Create Site Settings Help
AdventureWorks Team Site
Victor Gage
This personal site
Modify this page >
Select View
Private
Public
Actions
Edit Profile
Create List
Create Page
Manage Alerts
Send Link
My Lists
Private Documents
Shared Documents
Sales Reports
My Links
Marketing
Product Catalog
Organization Chart
My Reports
Type Name Modified Modified By Topic
Profitability by Division 4/12/2003 14:24 Cynthia Baker Corporate Finance
Feature Comparison: Ready Mark 5 4/23/2003 18:16 Franz Valdez Competition
Salesperson Performance Assessment 4/22/2003 08:33 George Tsoflias Administrative
AdventureWorks Sales Report ! NEW 4/28/2003 05:46 Pam Alberts Commissions
Mountain bike positioning presentation 4/15/2002 12:30 May Vargar Competition
Sales Amount by Year
2001
2002
2003
View full report in Excel
Document Viewer
28/04/2003
AdventureWorks Sales Report
Data Source Adventure Works Sales
Salesperson All Salespeople
74
Sales Year
Category 2002 2003 Grand Total
Component $ 1,439 $ 5,712 $ 7,151
Bike $ 18,455 $ 27,019 $ 45,474
Total Bike $ 19,894 $ 32,731 $ 52,625
Accessory $ 37 $ 127 $ 163
Car Racks $ 35 $ 107 $ 136
Clothing $ 72 $ 824 $ 896
Shoes $ 37 $ 119 $ 156
Total Other $ 181 $ 1,177 $ 1,352
72
Category Sales
$30
$15
Total Bike
Done
Internet

Fig. 7.

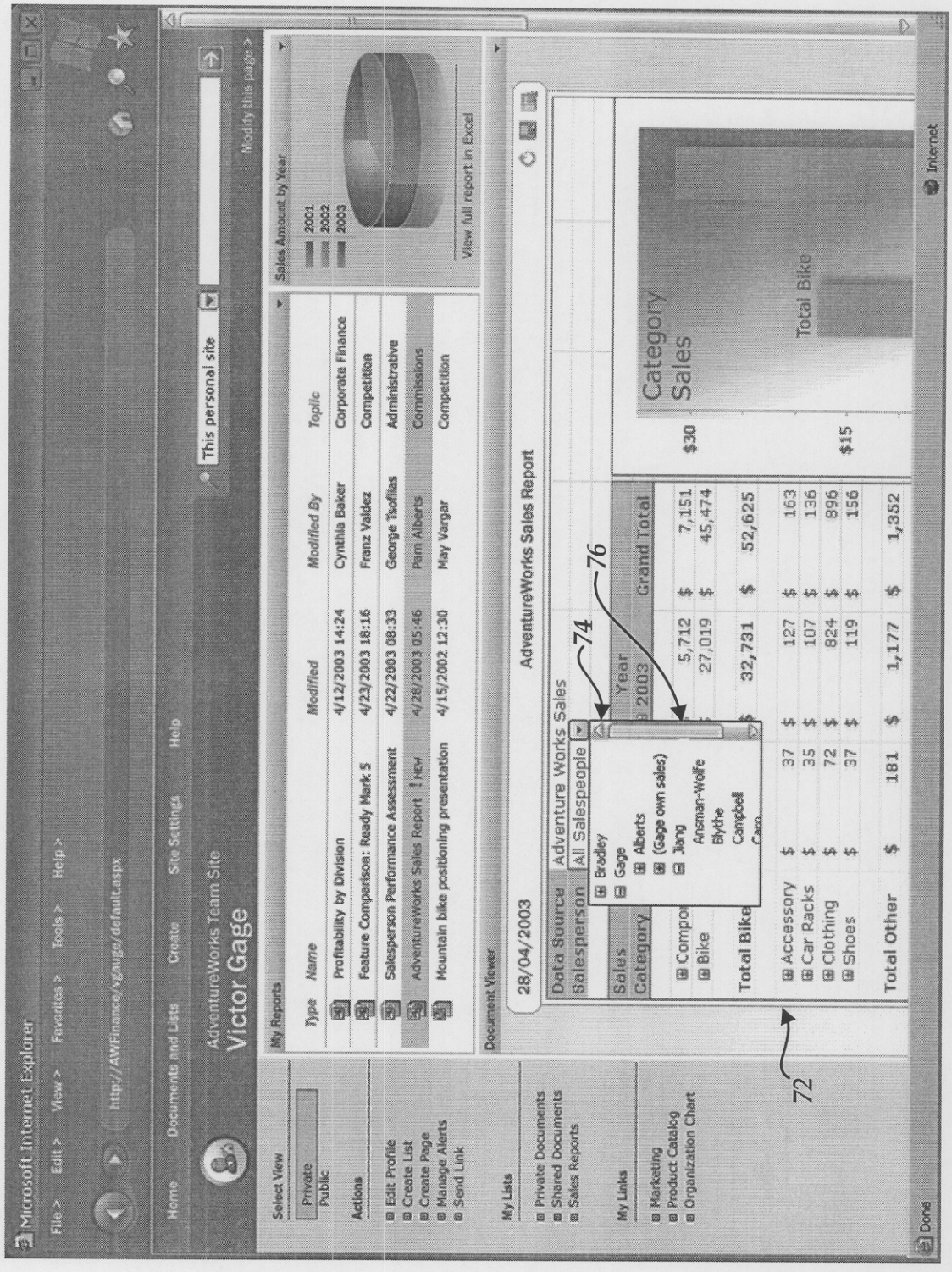

800
72
74
76
Microsoft Internet Explorer
AdventureWorks Team Site
Victor Gage
My Reports
Sales Amount by Year
2001
2002
2003
View full report in Excel
Document Viewer
28/04/2003
AdventureWorks Sales Report
Data Source
Adventure Works Sales
Salesperson
All Salespeople
Sales Category
Year
2003
Grand Total
Total Bike
Category Sales
Total Bike
Done
Internet

Fig.8.

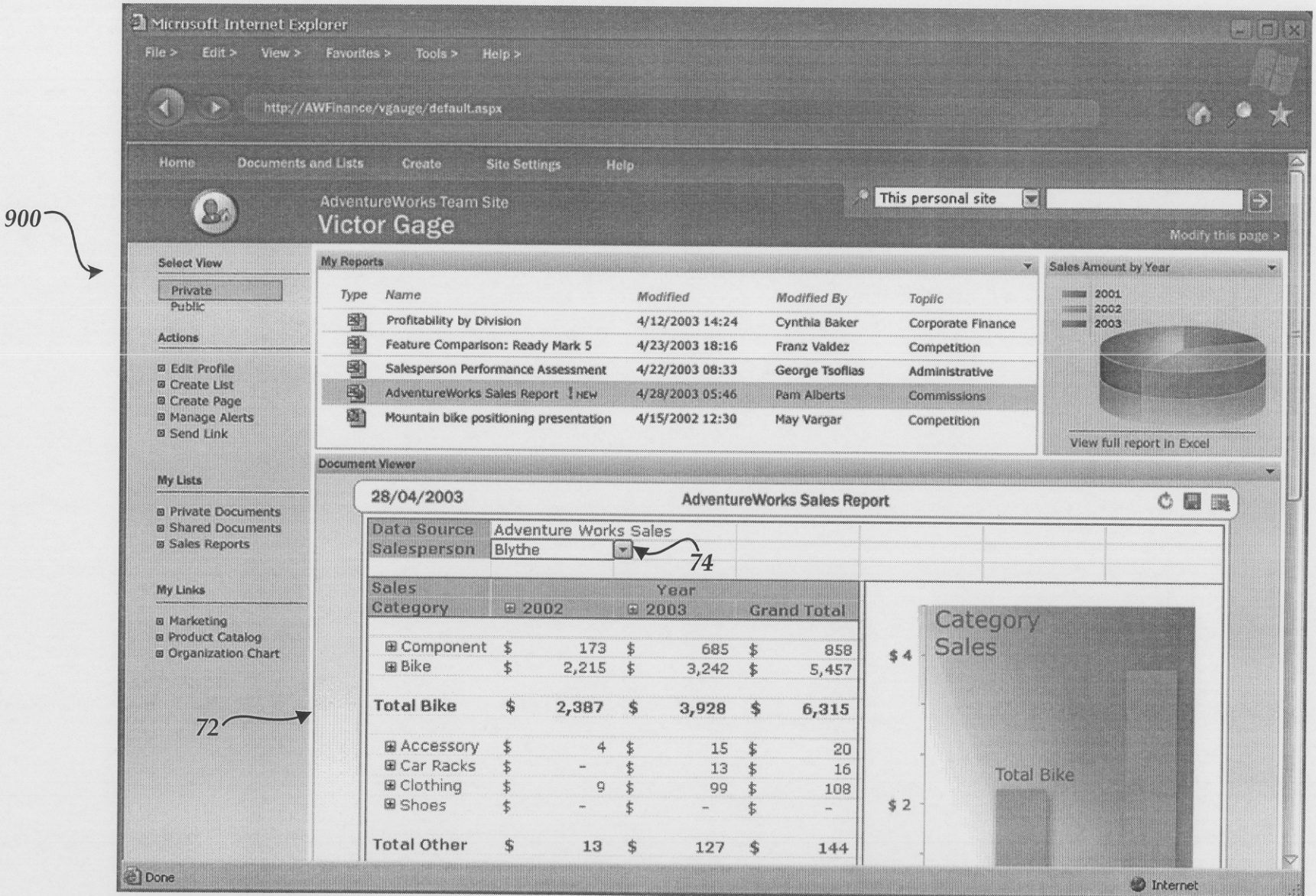

900
Microsoft Internet Explorer
File > Edit > View > Favorites > Tools > Help >
http://AWFinance/vgauge/default.aspx
Home Documents and Lists Create Site Settings Help
AdventureWorks Team Site
Victor Gage
This personal site
Modify this page >
Select View
Private
Public
Actions
Edit Profile
Create List
Create Page
Manage Alerts
Send Link
My Lists
Private Documents
Shared Documents
Sales Reports
My Links
Marketing
Product Catalog
Organization Chart
My Reports
Type Name Modified Modified By Topic
Profitability by Division 4/12/2003 14:24 Cynthia Baker Corporate Finance
Feature Comparison: Ready Mark 5 4/23/2003 18:16 Franz Valdez Competition
Salesperson Performance Assessment 4/22/2003 08:33 George Tsoflias Administrative
AdventureWorks Sales Report ! NEW 4/28/2003 05:46 Pam Alberts Commissions
Mountain bike positioning presentation 4/15/2002 12:30 May Vargar Competition
Sales Amount by Year
2001
2002
2003
View full report in Excel
Document Viewer
28/04/2003
AdventureWorks Sales Report
Data Source Adventure Works Sales
Salesperson Blythe
74
Sales Category
Year
2002
2003
Grand Total
Component $ 173 $ 685 $ 858
Bike $ 2,215 $ 3,242 $ 5,457
Total Bike $ 2,387 $ 3,928 $ 6,315
Accessory $ 4 $ 15 $ 20
Car Racks $ - $ 13 $ 16
Clothing $ 9 $ 99 $ 108
Shoes $ - $ - $ -
Total Other $ 13 $ 127 $ 144
72
Category Sales
$ 4
$ 2
Total Bike
Done
Internet

Fig.9.