

PATENT OWNER

EXHIBIT 2031



US 20050076327A1

(19) **United States**

(12) **Patent Application Publication**
Helal et al.

(10) **Pub. No.: US 2005/0076327 A1**

(43) **Pub. Date: Apr. 7, 2005**

(54) **SERVER-SIDE WIRELESS DEVELOPMENT TOOL**

(75) Inventors: **Abdelsalam G. Helal**, Gainesville, FL (US); **Dushiant Kochhar**, Bellevue, WA (US)

Correspondence Address:
AKERMAN SENTERFITT
P.O. BOX 3188
WEST PALM BEACH, FL 33402-3188 (US)

(73) Assignee: **University of Florida**, Gainesville, FL

(21) Appl. No.: **10/758,180**

(22) Filed: **Jan. 15, 2004**

Related U.S. Application Data

(60) Provisional application No. 60/440,156, filed on Jan. 15, 2003.

Publication Classification

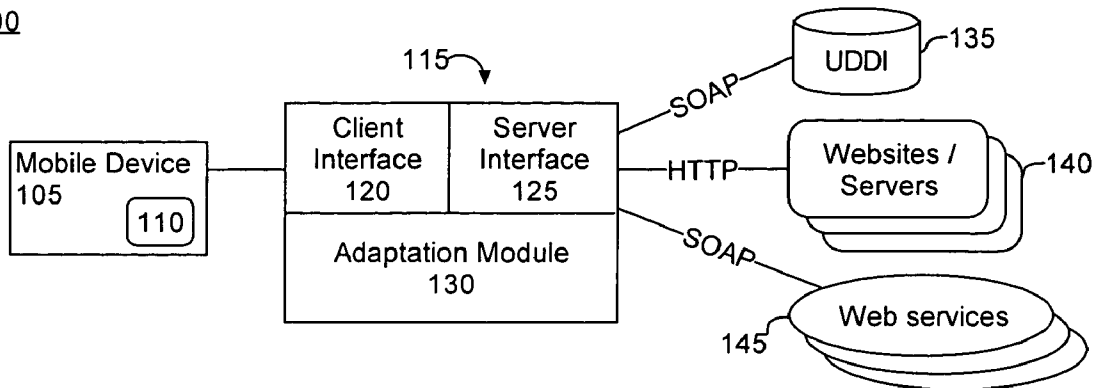
(51) **Int. Cl.⁷ G06F 9/44**

(52) **U.S. Cl. 717/100; 717/106**

(57) **ABSTRACT**

An integrated development tool for constructing a server-side proxy for interacting with a wireless, mobile device can include at least one module. The module can be configured to generate program code to perform a specific function of the server-side proxy. The integrated development tool also can include means for accessing the at least one module.

100



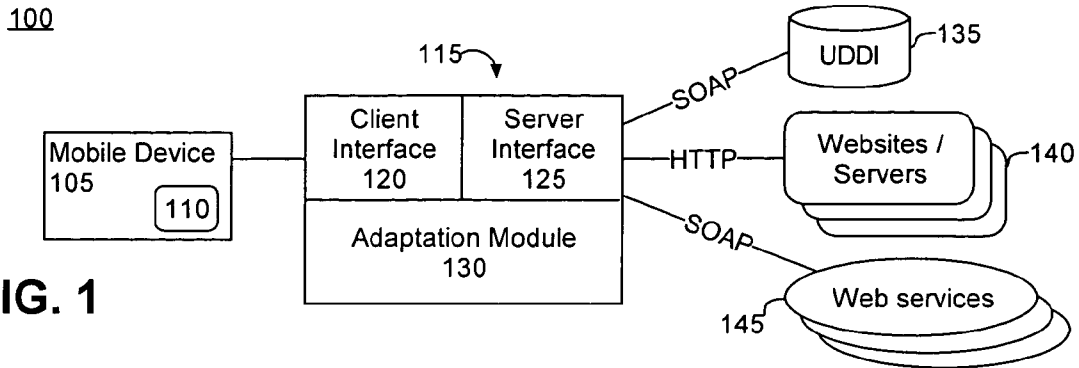


FIG. 1

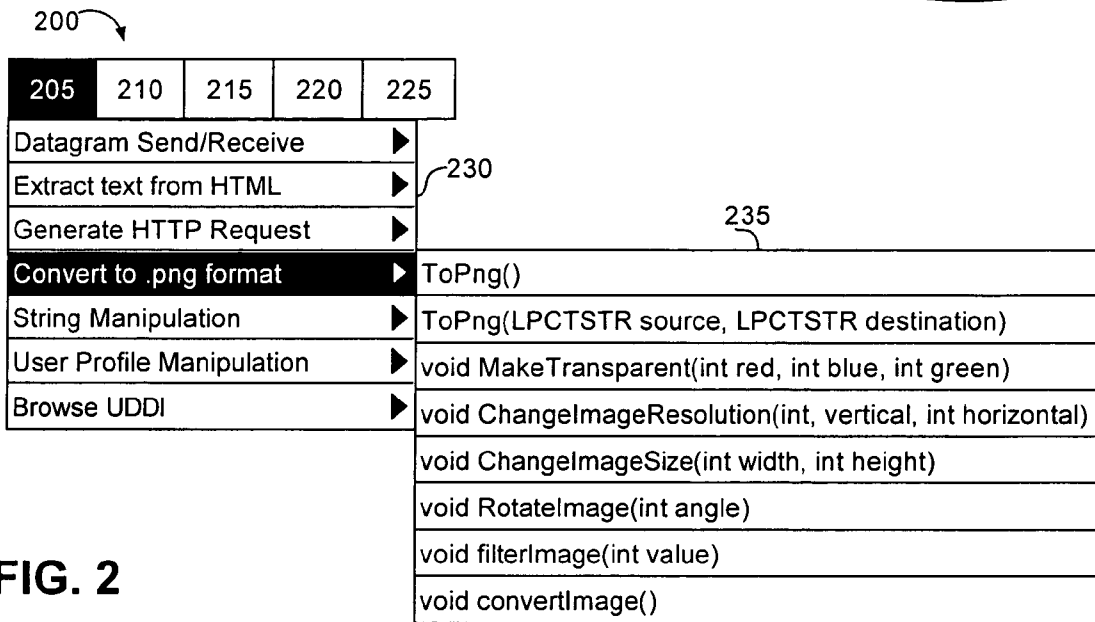


FIG. 2

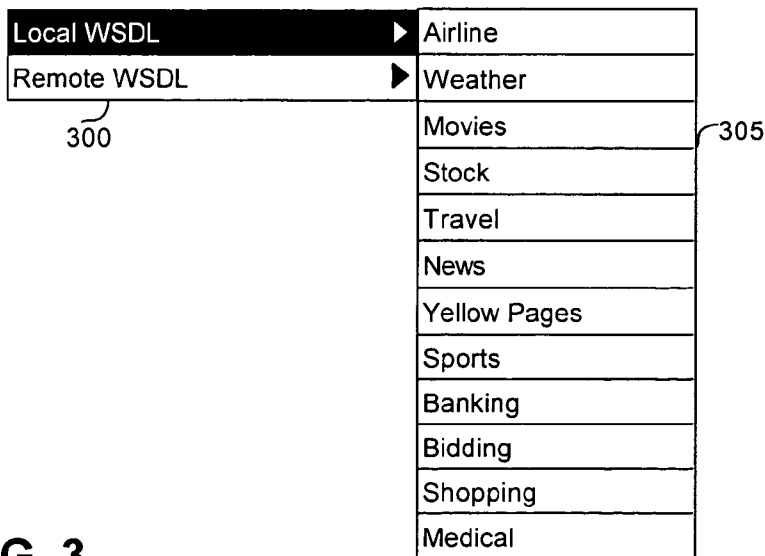


FIG. 3

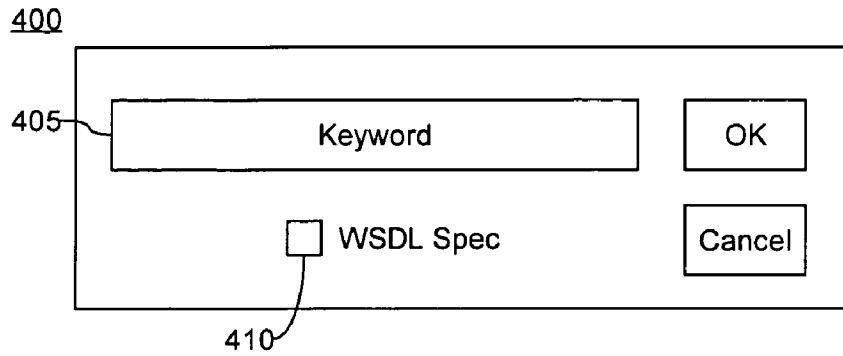


FIG. 4

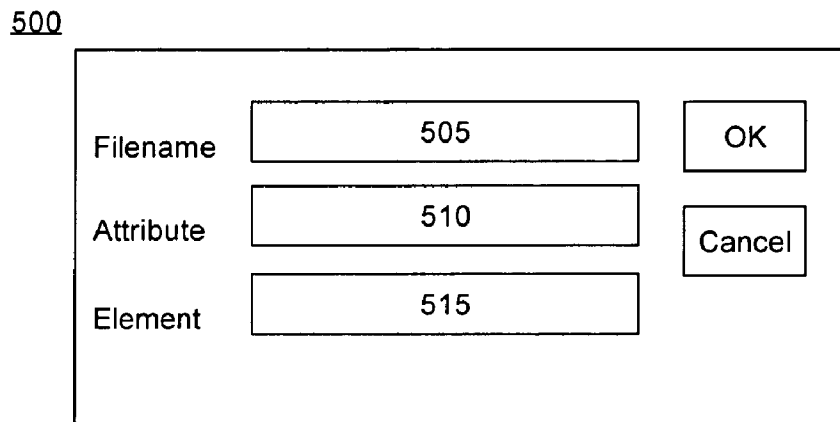


FIG. 5

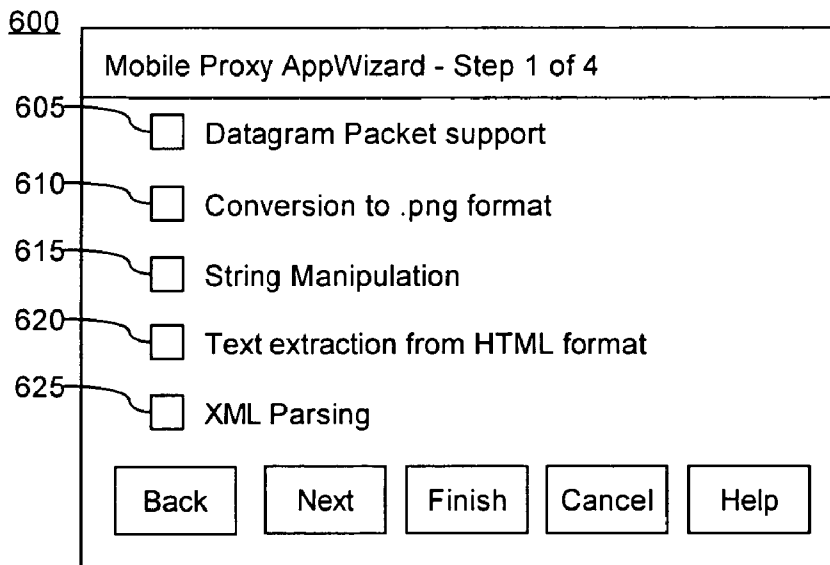


FIG. 6

700

Mobile Proxy AppWizard - Step 2 of 4

HTTP Access to a Website

Web Services Access

Back Next Finish Cancel Help

FIG. 7

800

Mobile Proxy AppWizard - Step 3 of 4

Your own Datasource

Database Object

DSN

User Profile Datasource
DSN "Profile" is needed in this case.

Back Next Finish Cancel Help

FIG. 8

900

Mobile Proxy AppWizard - Step 4 of 4

Hitachi C452H Palm m515

Nokia 7650 HP Jornada 560 Series/sh

Siemens SL45i Nokia Communicator 9210

Back Next Finish Cancel Help

FIG. 9

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.