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(54) **METHODS SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR THE AUTOMATED DISCOVERY OF A SERVICES MENU**

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(76) Inventors: **ALASTAIR J. ANGWIN, HAMPSHIRE (GB); DAVID GEORGE BEVIS, HAMPSHIRE (GB); STEFAN GEORG HILD, ZURICH (CH); SANDEEP KISHAN SINGHAL, RALEIGH, NC (US)**

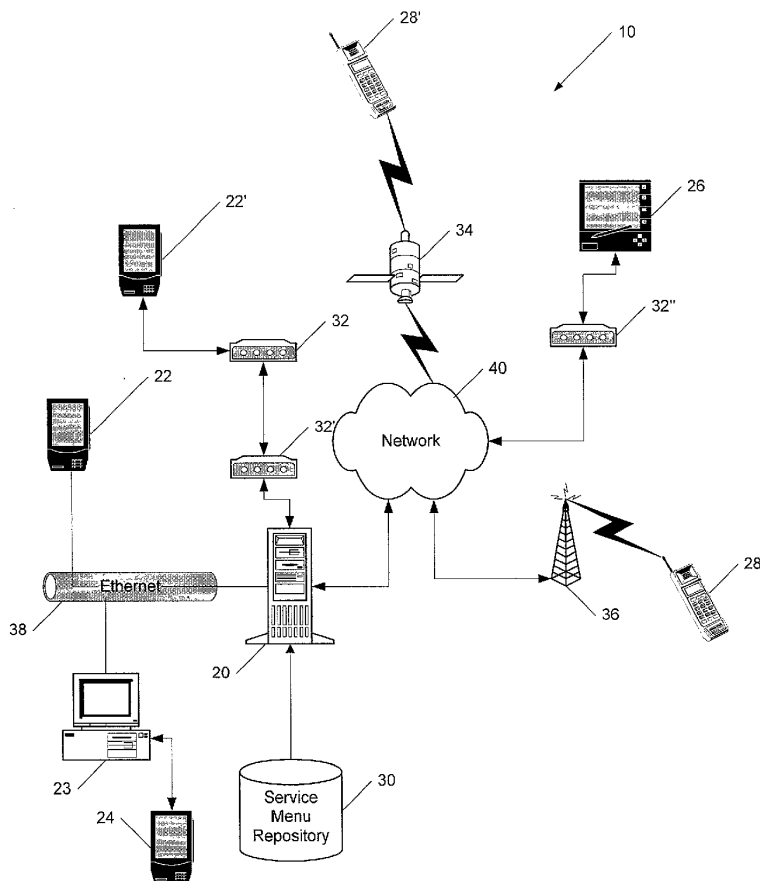
(57) **ABSTRACT**

Methods, systems and computer program products are provided for the automated discovery of a services menu of a processing system such as a pervasive computing device by broadcasting to a plurality of devices connected to a network, a Request Services Menu message. The Request Services Menu message provides information about the pervasive computing device broadcasting the message. In response to the broadcast message, a services menu associated with the pervasive computing device is received and provided to a user of the pervasive computing device. The services menu may also be updated by sending a Services Menu Update to the device.

Correspondence Address:
**MYERS BIGEL SIBLEY & SAJOVEC
PO BOX 37428
RALEIGH, NC 27627 (US)**

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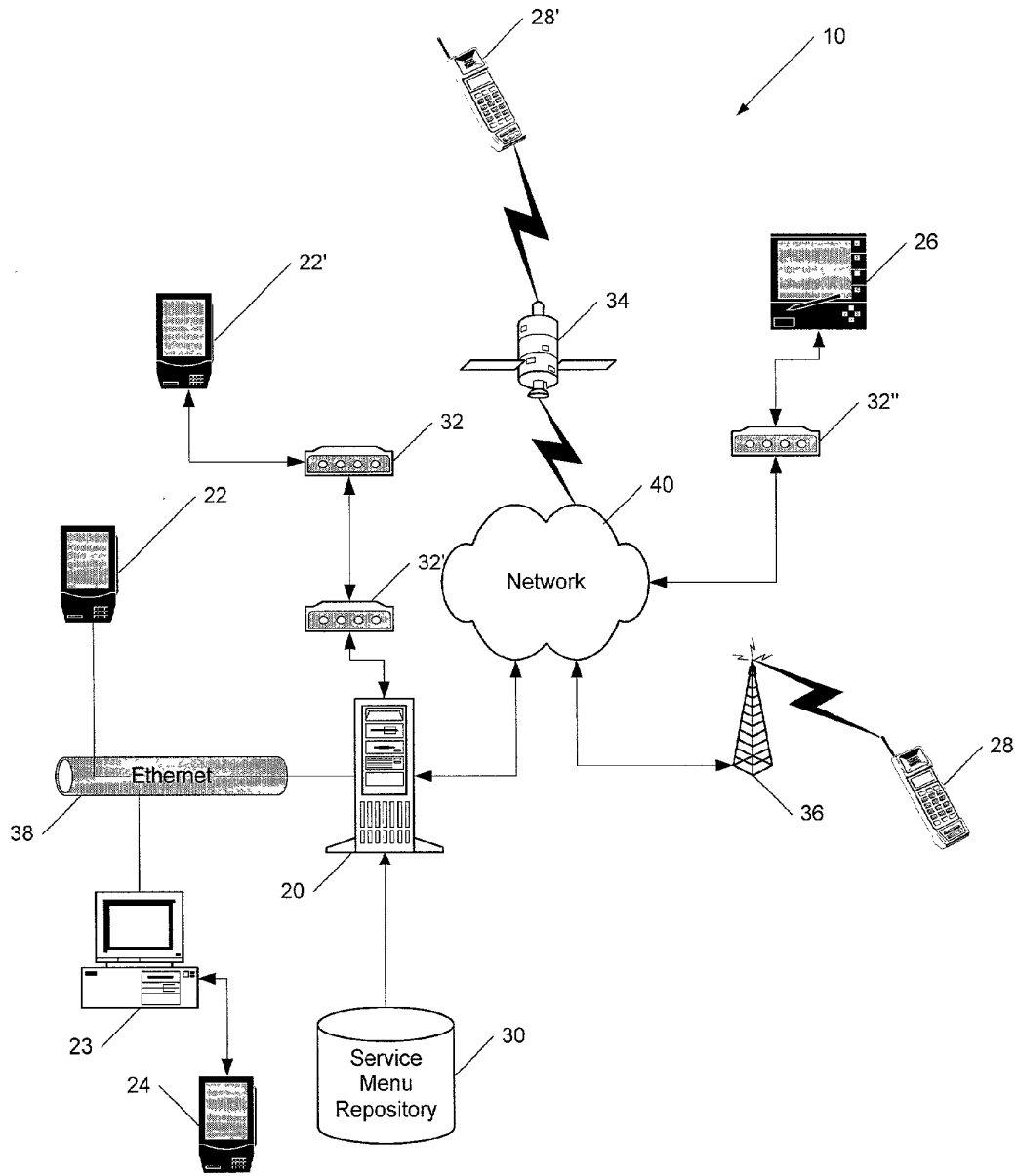


Figure 1

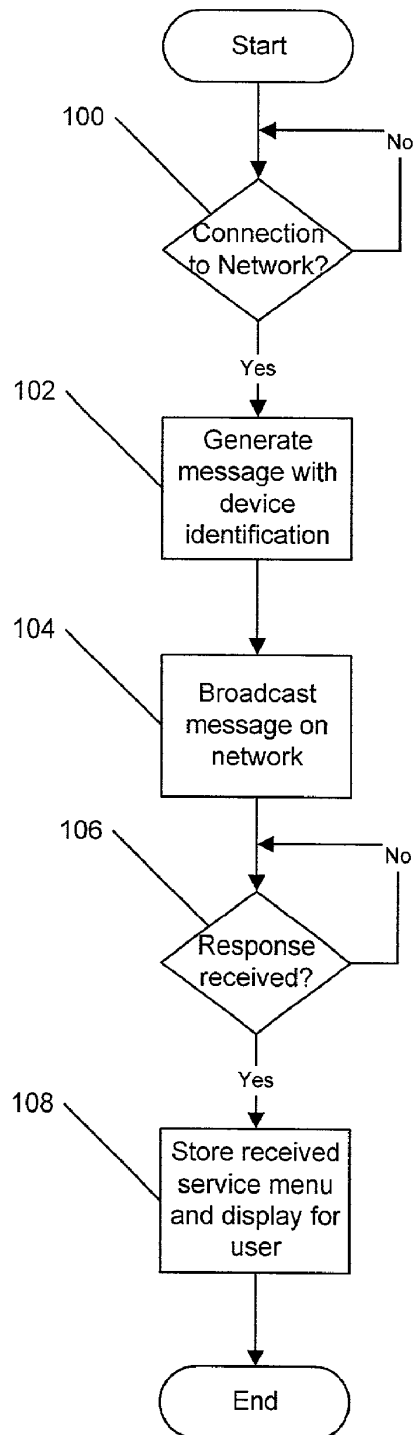


Figure 2

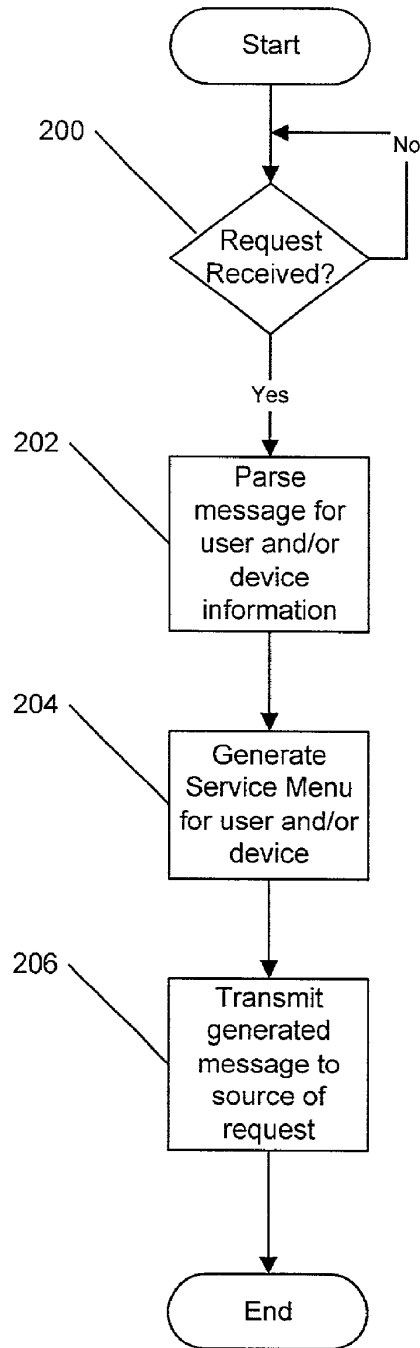
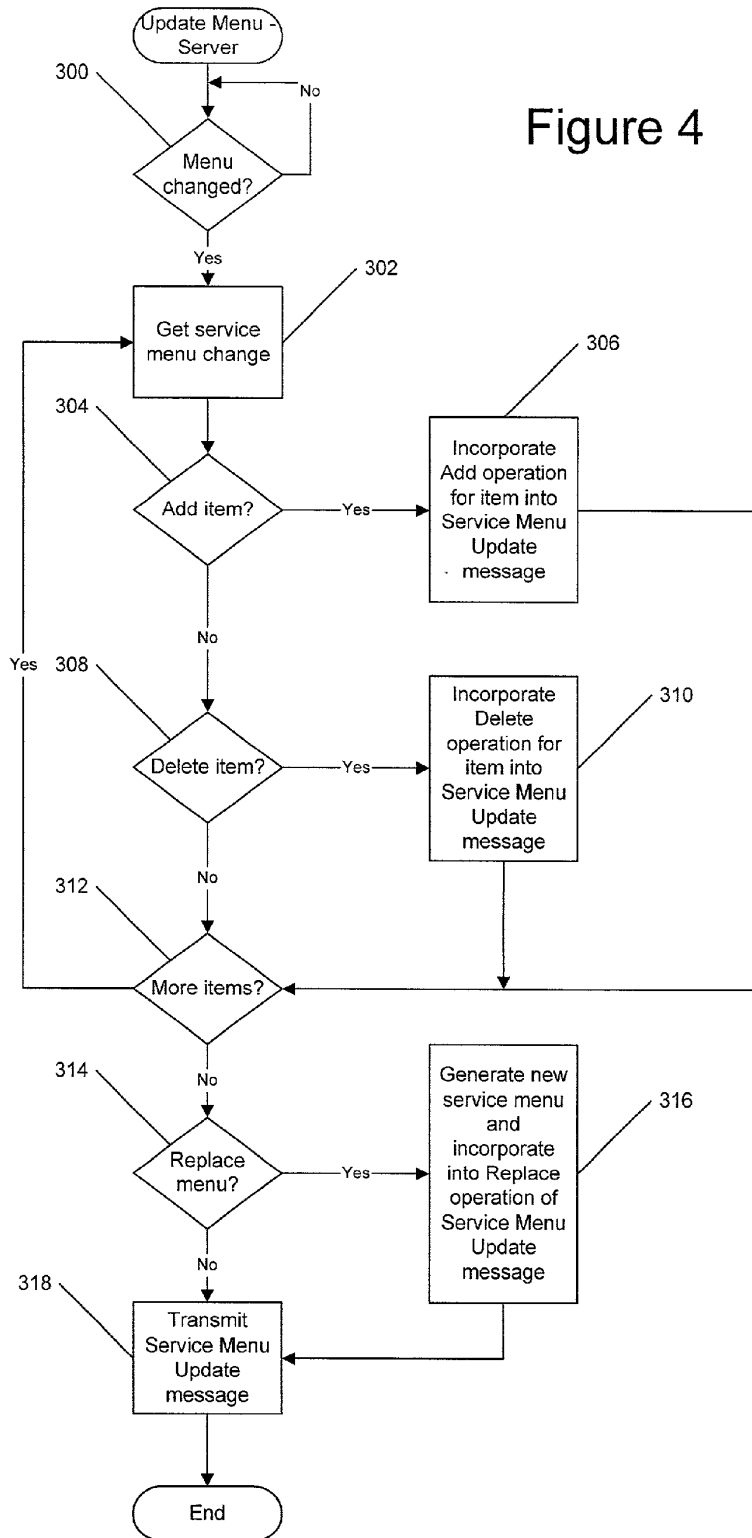


Figure 3

Figure 4



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