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**O'Neill**

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(54) **SYSTEM AND METHOD FOR UPDATING AND DISTRIBUTING INFORMATION**

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(51) **Int. Cl.**<sup>7</sup> ..... **G06F 9/44**

(52) **U.S. Cl.** ..... **717/171; 714/807; 714/25**

(58) **Field of Search** ..... **717/171, 170; 714/25, 807**

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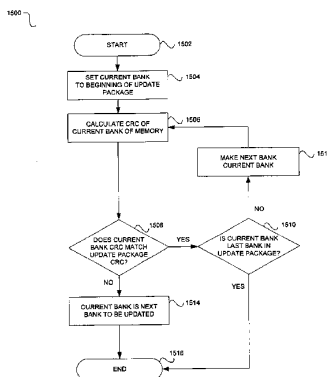
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(57) **ABSTRACT**

The present invention discloses efficient devices, systems, and methods for updating digital information sequences that are comprised by software (110a), devices (104c), and data (110c). In addition, these digital information sequences may be stored and used in various forms, including but not limited to files, memory locations, and/or embedded storage locations. The disclosed invention is thus suitable for updating many types of digital information sequences and in the context of updating software comprised of multiple files. Furthermore, the devices, systems, and methods described herein provide a developer skilled in the art with an improved ability to generate update information as needed and, additionally, allow users to proceed through a simplified update path, which is not error-prone, and may be performed more quickly than through the use of existing technologies.

**55 Claims, 16 Drawing Sheets**



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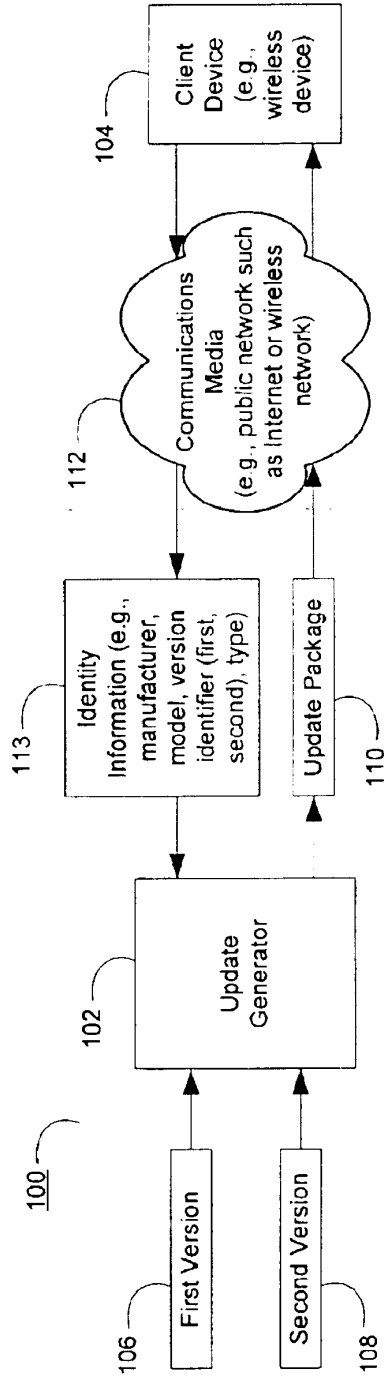
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Figure 1A



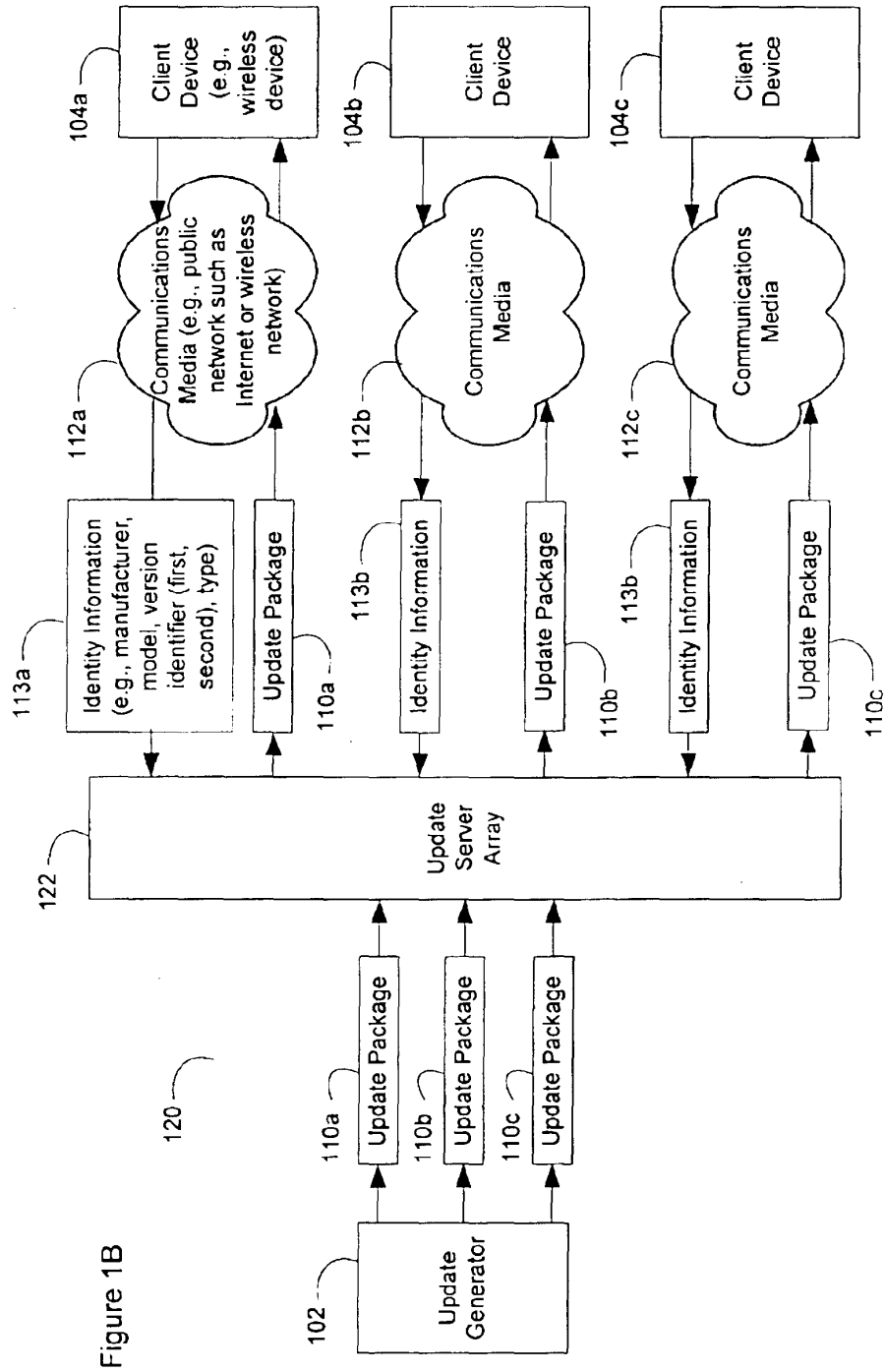


Figure 1B

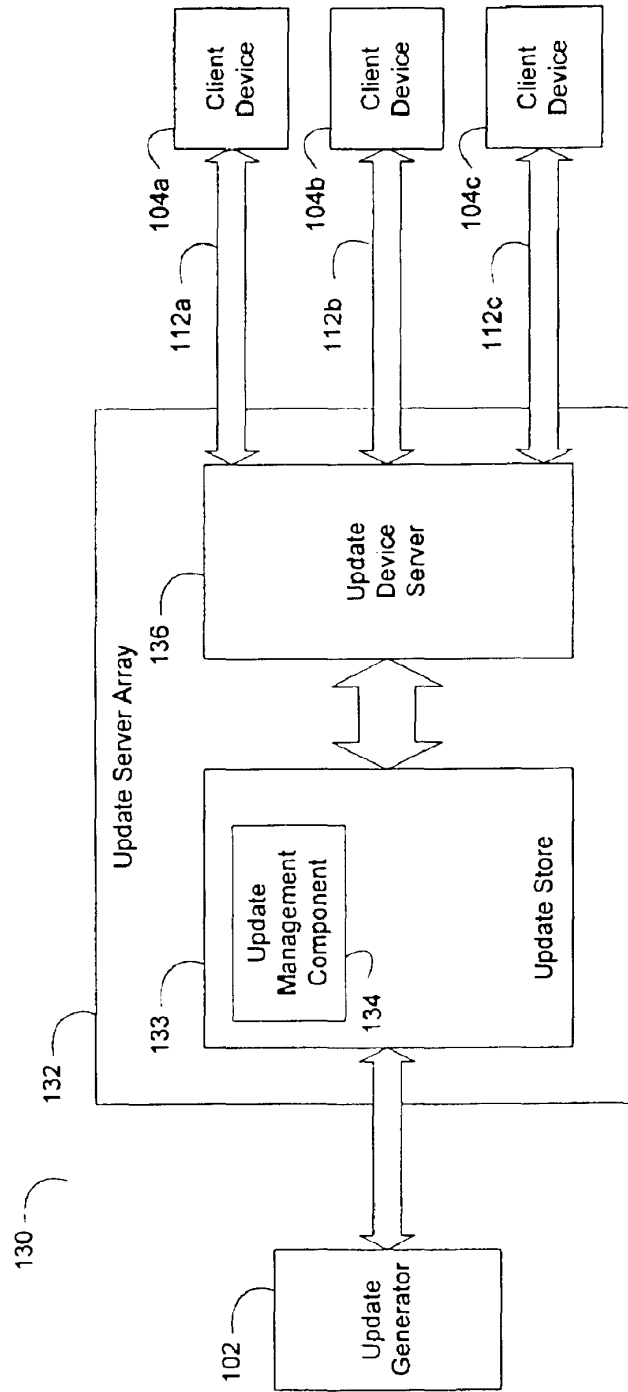


Figure 1C

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