

**SYSTEM AND METHOD FOR COLLABORATIVE ELECTRONIC TEXTBOOK
AUTHORING, INSTRUCTIONAL MATERIAL GENERATION, COURSEWORK
DISTRIBUTION, AND FEEDBACK-BASED CONTENT ADAPTATION**

5

ABSTRACT

A computer-based process for managing electronic textbook (e-textbook) content, generation, distribution, and usage includes receiving inputs corresponding to first e-textbook content from at least one e-textbook author by way of an author interface in communication with a content authoring engine; generating a first e-textbook
10 corresponding to the first e-textbook content in accordance with an e-textbook taxonomy; generating instructional materials corresponding to portions of the first e-textbook in accordance with an instructional materials taxonomy; communicating at least one of first e-textbook content and instructional materials to at least one e-learning application; and
15 receiving feedback by way of a feedback engine, wherein the feedback corresponds to at least one of (a) how instructional materials are utilized by at least one instructor, (b) how instructional materials or first e-textbook content are utilized by students, and (c) a recommendation for revising first e-textbook content in a subsequent edition of the first e-textbook.

FIG. 1