

ABSTRACT**METHOD AND SYSTEM OF REVERSIBLY MARKING A
TEXT DOCUMENT WITH A PATTERN OF EXTRA BLANKS
FOR AUTHENTICATION**

A method of marking an original text (220) in which existing inter-word blank characters are altered using a reversible transform (200) so that inter-word intervals become exclusively comprised of odd numbers of blank characters. The transformed original text is then split in two subsets and an authentication pattern is merged into first subset by adding inter-word blank characters. A blurring pattern is computed which further modifies the number of blank characters so as to hide the authentication pattern. The second subset is also blurred before the two subsets are recombined to obtain a marked text (205). Accordingly, the invention provides a system and method for producing text documents (205), having an imbedded authentication pattern, capable of authentication by a recipient using a shared authentication key (230).

Figure 2