5. The method of any one of claims 2 or 3, wherein the decision tree or the further decision tree is applied to any one of a difference, ratio, sum, and derivative of the values of the light spectrum.

6. The method of any one of claims 1 to 5, wherein the method further comprises a step of applying further statistical processing onto the values of the light spectrum to obtain a further second result indicating whether the mark is authentic or not and generating the output result additionally from the further second result, and wherein statistical processing includes any of a correlation, regression, and distance analysis.

7. The method of any one of claims 1 to 6, wherein generating the output result comprises a voting mechanism for each one of the first and second results.

8. The method of any one of claims 1 to 7, wherein the light spectrum values indicate a light intensity for a corresponding wavelength band.

9. The method of any one of claims 1 to 8, further comprising a step of acquiring the values of the light spectrum.