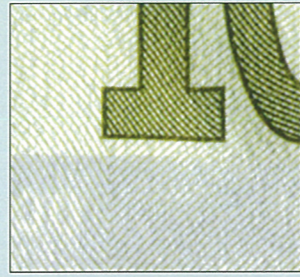




9. Rainbow printing – special printing ensuring the gradual transition of one color into another without ruptures and displacements of the image elements.



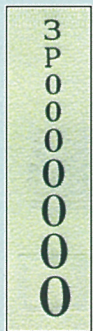
12. Copy-evident pattern – thin lines of different geometric shapes that form a moiré pattern when copied or scanned.



10. Microtext – repeated inscriptions which can be read only with magnifying glass.



Security fibers – chaotically embedded into the paper on the both sides of the banknote invisible security fibers glowing in red and green under the UV light.



11. The serial number is printed on the back of the banknote in letterpress printing: horizontally in the red ink and vertically (with the changing height of the figures) in the black ink.

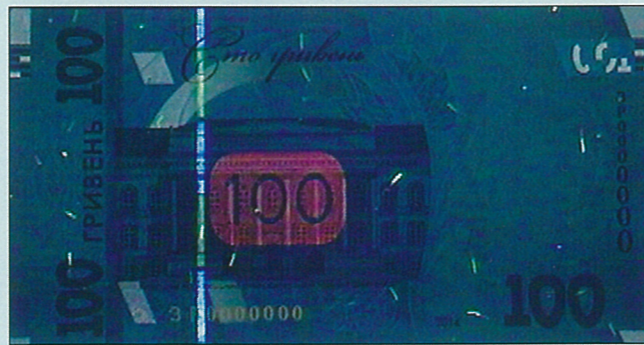


Embedded security thread also glows yellow and light blue in the UV light.

The banknote under UV light

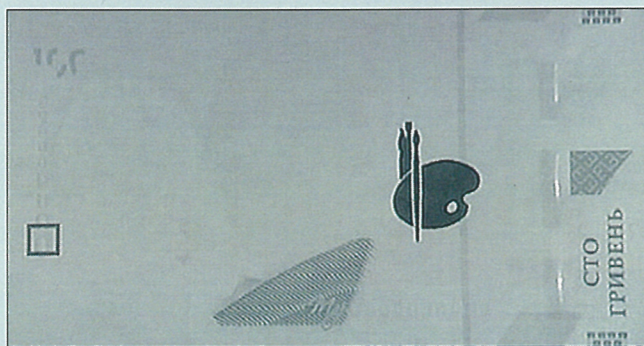


Front of the banknote

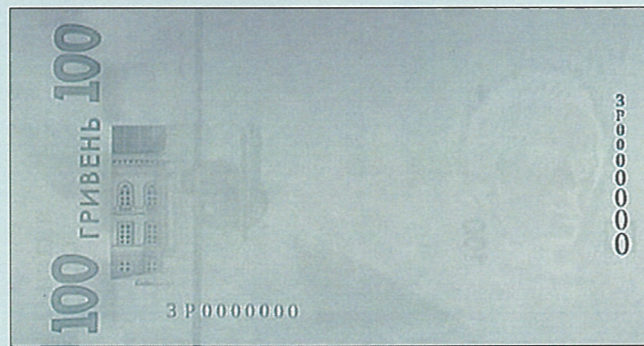


Back of the banknote

The banknote under IR light



Front of the banknote



Back of the banknote

NATIONAL BANK OF UKRAINE

# 100 HRYVNIA BANKNOTE OF 2014 DESIGN

On the banknote front side there is Taras Shevchenko's portrait inspired by his self-portrait of 1840 – 1841.

Taras Shevchenko (1814 – 1861) – an outstanding Ukrainian poet, artist and thinker, the founder of the new Ukrainian literature. His collection of poetry "Kobzar" has been translated into many languages.



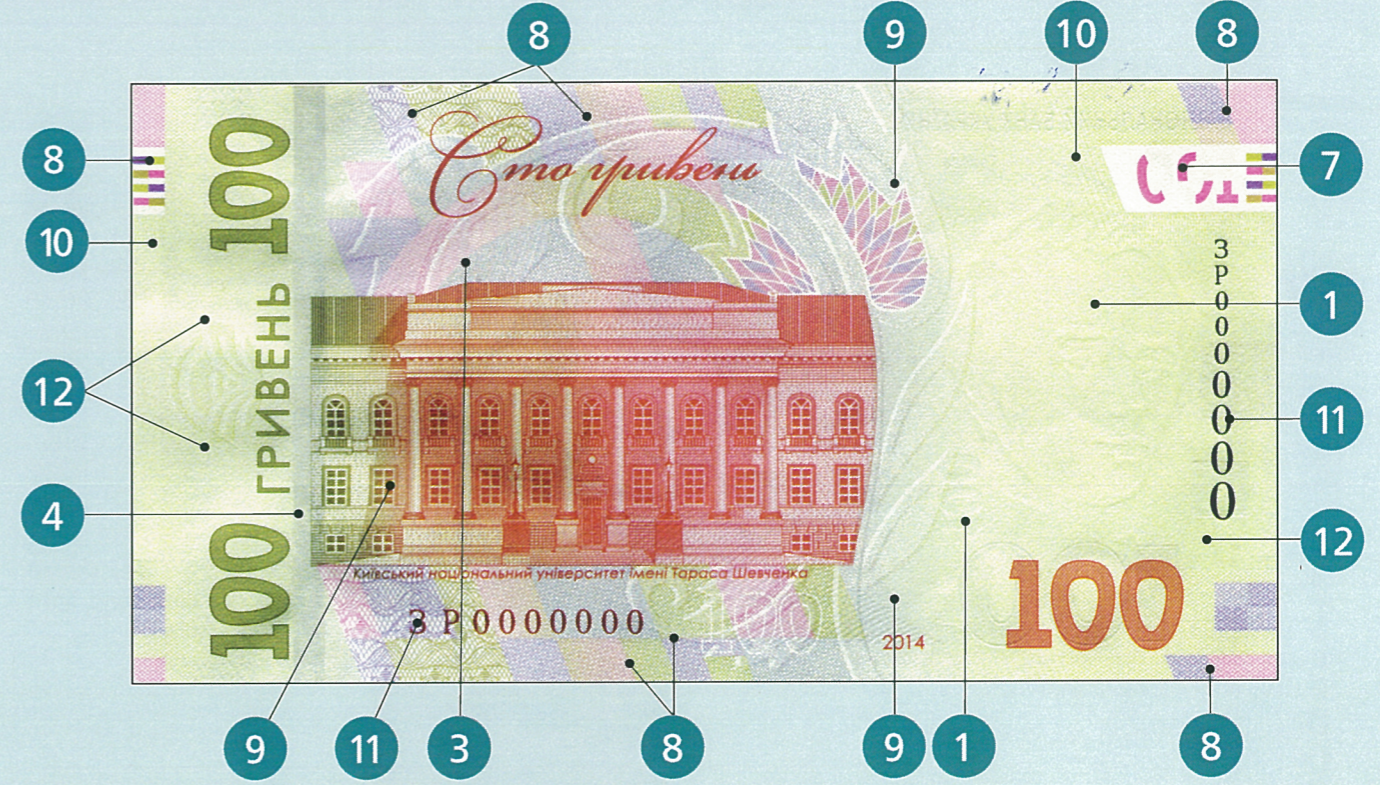
On the back side there is the image of the Taras Shevchenko National University of Kyiv.

On July 15, 1834, the university inauguration took place. Taras Shevchenko worked as a teacher of drawing of the University school of painters, at the same time holding a post in the Archaeographic Commission of the University (an ad hoc commission for study and publishing of historical documents). In March of 1939, on the occasion of the 125<sup>th</sup> anniversary of the birth of Taras Shevchenko, the University was named after him.

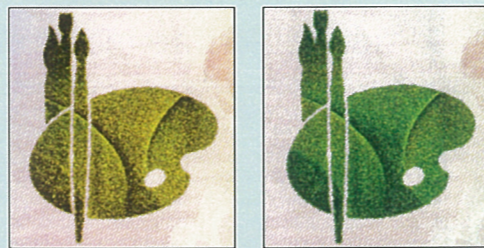


# SECURITY FEATURES

The banknote is printed on the tinted paper of light-olive color, which is the dominant color of the images on the banknote. Banknote size - (75x142) mm



1. Watermarks (visible when the banknote is held up to the light): a multi-tone watermark is a repeated Taras Shevchenko's portrait formed by paper fibers in different tones (lighter and darker than the basic paper tone); the vertical denomination figures are also visible as the light tones of the watermark (placed in the lower right part of the multi-tone watermark).



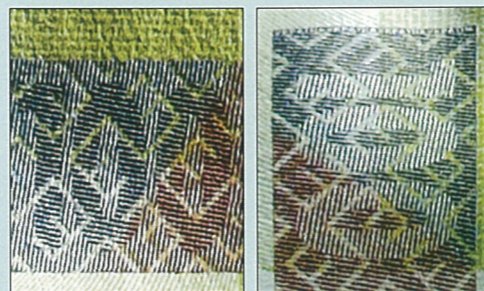
2. SPARK element is the optically-variable image of a painter palette with the kinematic effect. When the banknote is tilted, some areas of the image will gradually change the color from golden to green.



3. Security thread – the embedded polymer strip with the images of "100 ГРН", the trident and underlined numerals "100" indicating the denomination, which are visible (normal and reverse images) through the magnifying glass.



4. Window thread is a brown polymer thread partially embedded in the paper with the pronounced kinematic effect. There are images of the figures indicating denomination and hryvnia currency symbol on the thread. When the banknote is tilted, the background image moves in the opposite direction.



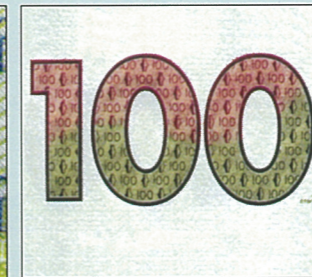
5. Latent image (numerical indication of denomination): When the banknote is held at a sharp angle to the light at eye level, the denomination numerals become visible and are dark against light background if looked at from the long side or light against dark background if looked at from the short side.



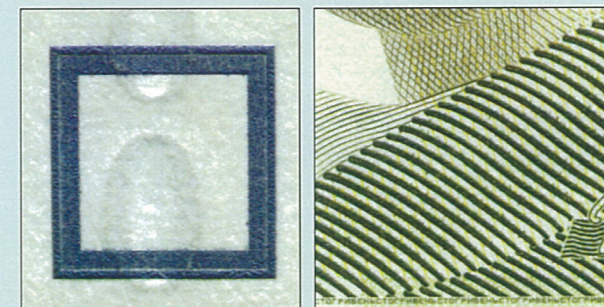
a)



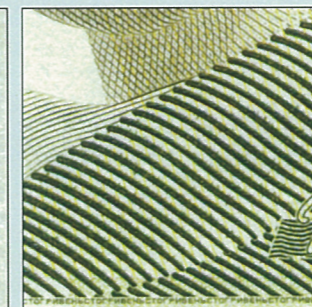
a)



a)



b)



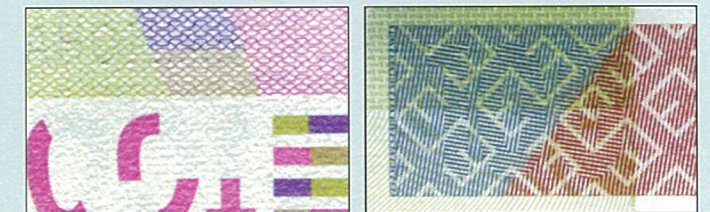
c)

6. Relief images are graphic images on the banknote front that as a result of raised printing feel rough to the touch: a) inscriptions, b) the sign for the partially sighted, c) the portrait.



Front of the banknote Back of the banknote Up to the light

7. See-through element – the elements of the denomination numerals that supplement each other and form the full image when the banknote is held up to the light.



8. Orloff printing – special printing ensuring the abrupt transition of one color into another without ruptures and displacements of the image elements.