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GRAPHIC RECONSTRUCTION OF NATIONAL EMBLEMS OF MEDICINE AND VETERINARY MEDICINE IN TRADITION KAZAKH SOCIETY

Abstract. With the adoption of sovereignty, Kazakhstan in the choice of symbols and emblems should be guided by the cultural traditions of the Kazakh people that are left to us in the distant past.

Keywords: graphics, reconstruction, national, emblems of medicine, emblems of veterinary medicine, peoples culture, traditions, Kazakh society, worship of fire, alasta, alastau, emblem elements, solar symbols, cult of the rising sun, eight-pointed star, postage stamp.

Description of the symbols of medicine and veterinary medicine of Kazakhstan, inherent in the cultural traditions of the Kazakh people, remain little studied and graphically unreconstructed in the form of emblems.

The most common in the world of logos of medicine and veterinary medicine in different countries are the snake, Imhotep's ankh, the snake wrapped around the staff of Asklepios (Aesculapius), the snake that encircles the bowl as a reminder to the physician – "Be wise, giving poison", a burning torch and a flaming lamp, mirror, heart of palm, a burning torch with a snake wrapped around in a composition with the Crescent and five-pointed star, a burning torch in with the Latin letter V, the red cross, red crescent, sword, entwined with a snake, two snakes wrapped around the cup in a composition with a blue cross, blue cross, the fire inside an eight-pointed star, two lights placed one above the other and on the same vertical line, each of which is framed by colourful arcs star of life (six-leaf clover), consisting of six rays, in the center of which are a snake and a staff of Asclepius, snakes, entwining a winged Caduceus, etc. [1-6].

The first of the Kazakh people who wrote about the worship of fire in the early second half of the XIX century, was an outstanding scientist-ethnographer Ch. Ch. Valikhanov: "Fire has a purifying quality. It purifies (when something is) between two fires. The Kirghiz' (Kazakh') rite of purification is called alasta. Coming back from wintering, they go between the two fires». [7, p. 54-55] (picture 1).

Somewhat later, in 1911, a similar veneration of fire was described by S. I. Rudenko among another Turkic folk (quoted from Kukushkin, 1993) [8, p. 137, 197].

It is necessary to recognize the fact, that A.I.Kukushkin, in his candidate's dissertation on the cult of fire in Kazakhstan, didn't noted Ch. Ch. Valikhanov's work about honoring of fire in the traditional Kazakh society described by him at the beginning of the second half of the XIX century, long before S. I. Rudenko [8, p. 137, 197, 7, p. 54-55].

However, the work of Ch. Ch. Valikhanov in this part is cited in other works as fundamental in the graphic establishment of specific emblems of medicine and veterinary medicine in the traditional Kazakh society [9, p. 41, 10, p. 58].

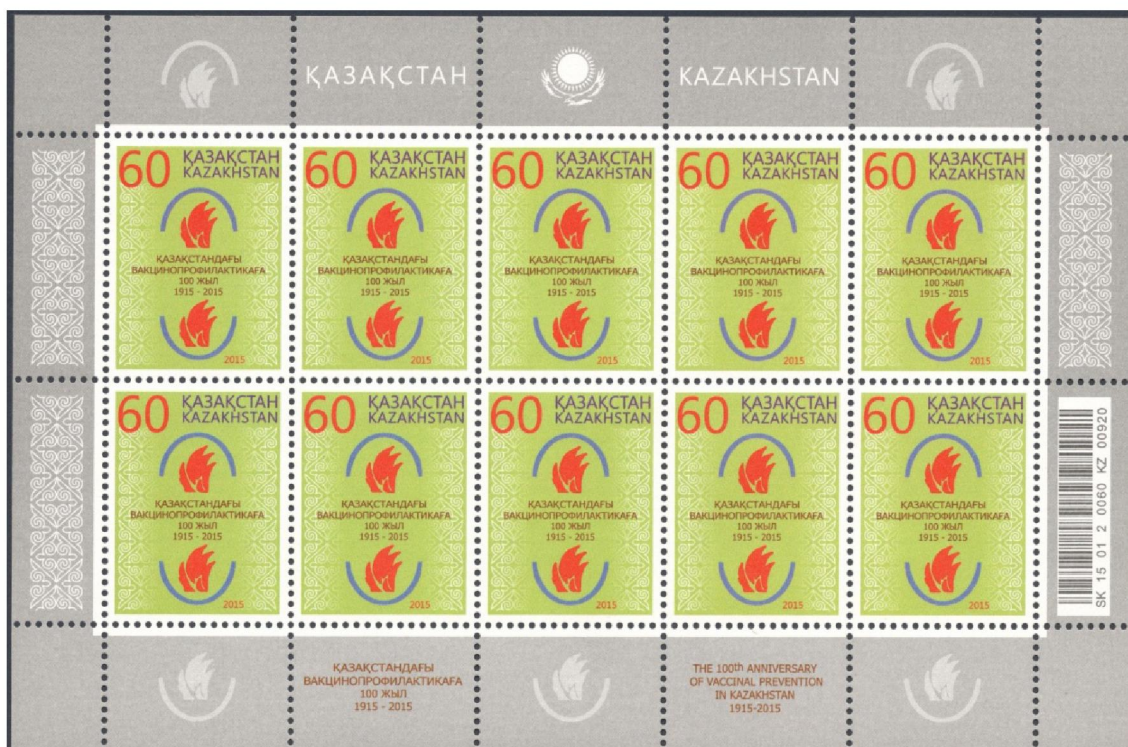
It should be emphasized that another common symbolism in the traditional Kazakh society were fire-solar drawings [8, p. 66, 214], since the Kazakh orientation system is in some way connected with the cult of the rising sun [11], the role of a frame in the emblems can be represented by the solar sign in the form of divergent rays of the sun, the so-called eight-beam star. [8, p. 214].



Picture 1 – The photo of Ch. Ch. Valikhanov (ru.wikipedia.org).

After studying the literary, archival and archaeological information about the material culture on the territory of Kazakhstan, which originated even before the Kazakh khanate, we graphically reconstructed the national emblem of medicine and veterinary medicine in the traditional Kazakh society on the basis of descriptions of Ch. Ch. Valikhanov [7, p. 54-55], A. I. Kukushkin, S. I. Rudenko [8, p. 137, 197, 214], S. K. Kazakin [9, p. 41], N.Sh.Mamedov [10, p. 52-65] M. Sembi [11, p. 91].

Previously, we have graphically reconstructed the main elements of the emblems, these were two bright scarlet flames, located above each other and on one vertical line, each of which was framed by a colored arc. The reconstructed elements of the emblems from the medical and biological field were used by us in the postage stamp of the Republic of Kazakhstan in 2015 as a national postage stamp of 60 tenge, dedicated to the 100th anniversary of vaccination in Kazakhstan (picture 2).



Picture 2 – A copy of the full mailing stamp list of Kazakhstan, 2015, № 920

In 2018, we finally carried out a graphic reconstruction of the national emblems of medicine and veterinary medicine in the traditional Kazakh society (pictures 3, 4).



Picture 3 – Graphic reconstruction of the national emblems of medicine in the traditional Kazakh society



Picture 4 – Graphic reconstruction of the national emblems of veterinary medicine in the traditional Kazakh society

Description of the claimed designation in figure 3: the color pictorial sign consists of two main elements and is presented in the form of a fiery solar symbol - a genuine Kazakh eight – beam star of bright blue color, framed at the edges and perimeter by a narrow white strip. In the center of the eight-pointed star, two bright scarlet flames are located above each other and on one vertical line, each of which is framed by an white arc; according to the description, nomads, coming back from wintering, move with the cattle between the two fires, performing the rite of purification – alastau (synonymous with hygiene); bright blue color of the star is associated with tranquility and clear sky.

Color indication: bright blue, white, bright scarlet.

Description of the claimed designation in picture 4: the color pictorial sign consists of two main elements and is presented in the form of a fiery solar symbol - a genuine Kazakh eight-beam star of bright green color, framed at the edges and perimeter by a narrow white strip. In the center of the eight-beam star, two bright scarlet flames are located above each other and on one vertical line, each of which is framed by an arc of white; according to the description, nomads, coming back from wintering, move with the cattle between the two fires, performing the rite of purification – alastau (synonymous with hygiene); the bright green color of the star is associated with the green of the Kazakh steppe.

Color indication: bright green, white, bright scarlet.

A hundred years ago, two institutions, medicine and veterinary medicine, had a common history and were parts of the Ministry of internal Affairs of the Russian Empire as a Medical Department and Council, and as an Advisory veterinary Committee, transformed in April 1901 in the Veterinary Department, such structure existed until 1919. When Kazakhstan obtained Soviet statehood, medicine was allocated to the independent people's Commissariat of health (currently the Ministry of health of the Republic of Kazakhstan), and veterinary medicine was included in the form of Veterinary management in the people's Commissariat of agriculture (currently the Committee of veterinary control and supervision of the Ministry of agriculture of the Republic of Kazakhstan), that is why both emblems, medicine and veterinary medicine, should be considered together, as they are closely related branches of human activity. It should be noted that the only country in the world that has kept medicine and veterinary medicine in one Department together is the state of Australia.

As a result of our work, protective document of the Ministry of justice of the Republic of Kazakhstan № 2484 on the work of science "Graphic reconstruction of national emblems of medicine and veterinary medicine in the traditional Kazakh society" was signed on the 31st July, 2018 (picture 5).



Picture 5 – Copy of certificate No. 2484 on state registration of rights to the object of copyright, dated on the 31st July, 2018

Conclusion.

1. Graphic reconstruction of national emblems of medicine and veterinary medicine in the traditional Kazakh society clearly fits the framework of the state Project “Rouhani Zhangyru” regarding the “revival of spiritual values” and “modernization of public consciousness”.

2. Graphically reconstructed emblem of medicine can be used in the structure of the Ministry of healthcare of the Republic of Kazakhstan, local Executive bodies on health, medical, educational and research institutions, military medical services of ministries, departments and organizations of the Republic of Kazakhstan, as well as in medical units, sanitary vehicles, ambulances, medical pharmacies, medical laboratories, enterprises and shops of medical optics, road signs of medical service, in the press and in any economic entities of the medical industry, regardless of ownership.

3. Graphically reconstructed emblem of veterinary medicine can be used in the Structure of the Committee of veterinary control and supervision of the Ministry of agriculture of the Republic of Kazakhstan, local Executive bodies on veterinary issues, veterinary educational and research institutions, military veterinary services of ministries and departments and organizations of the Republic of Kazakhstan, as well as in veterinary units, veterinary-sanitary vehicles, veterinary care machines, veterinary pharmacies, veterinary laboratories, road signs of veterinary service, in the press and in any economic entities of the veterinary industry, regardless of ownership.

4. It is necessary, as in some countries, to prohibit by law at the territory of the Republic of Kazakhstan the free use of the red cross belonging to the International movement of the red cross, red Crescent and red Crystal, including other colors and configurations of these symbols, as well as the classical symbols of medicine in the form of a bowl with a snake and a six-leaf with a staff of Asclepius.

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ДӘСТҮРЛІ ҚАЗАҚ ҚАУЫМЫНДА МЕДИЦИНА ЖӘНЕ ВЕТЕРИНАРИЯ ЭМБЛЕМАЛАРЫН ҰЛТТЫҚ ГРАФИКАЛЫҚ ҚАЙТА ҚҰРУ

Аннотация. Тәуелсіздікті қабылдағаннан кейін таңбалар мен эмблемаларды тандағанда Қазақстан ерте заманда бізге қалдырылған қазақ халқының мәдениеттік дәстүрлеріне сүйенуі керек.

Түйін сөздер: графика, қайта құру, ұлттық, медицина эмблемары, ветеринария эмблемары, халық мәдениеті, дәстүрлер, қазақ қауымы, отқа табыну, эмблема элементтері, солярлық таңба, көтерілу күніне табыну, сегізсәулелі жұлдыз, пошталық марка.

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ГРАФИЧЕСКАЯ РЕКОНСТРУКЦИЯ НАЦИОНАЛЬНЫХ ЭМБЛЕМ МЕДИЦИНЫ И ВЕТЕРИНАРИИ В ТРАДИЦИОННОМ КАЗАХСКОМ ОБЩЕСТВЕ

Аннотация. С принятием суверенитета, Казахстан в выборе символов и эмблем должен ориентироваться на культурные традиции казахского народа, которые оставлены нам в далёком историческом прошлом.

Ключевые слова: графика, реконструкция, национальный, эмблемы медицины, эмблемы ветеринарии, культура народа, традиции, казахское общество, почитание огня, аласта, аластау, элементы эмблемы, солярная символика, культ восходящего солнца, восьмилучевая звезда, почтовая марка.

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REFERENCES

- [1] Gribanov Je.D. Otrazhenie razvitiya mediciny v simbolah, jemblemah i pamjatnikah material'noj kul'tury: dis. ... dok. med. nauk v forme nauch. dokl.: 07.00.10. M., Vsesojuz. NII soc. gigieny, jekonomiki i uprav. zdravoochr. im. Semashko. M., 1990. 55 p.
- [2] Topkim. Turkiye hayvanciliginin hizmetindedir: veteriner vademkum / Topkapi. Istanbul. Yilsiz. 1 yap.
- [3] Ministry of agriculture. Veterinary Services & Animal Health: Kimron Veterinary Institute. Kimron, Israel. w/y. 1 p.
- [4] Onerkasip menshigi: Resmi bulletin'. 2004. N 12. 51 p.
- [5] URL: eshop.kazpost.kz/ru/kazstamps/2015/
- [6] URL: medpraktik.ru/articles/emblem-medicini.html
- [7] Valihanov Ch.Ch. Sobranie sochinenij v pjati tomah: tom 4. Alma-Ata, 1985. P. 54-55.
- [8] Kukushkin I.A. Kul't ognja u plemjon Kazahstana v jepohu bronzy: dinamika i funkcii: Dis. ... kand. ist. nauk: 07.00.06. Almaty: In-tut arheolog. im. A. H. Margulana. Almaty, 1993. 228 p.
- [9] Kozhakin S.K. Istorija veterinarii v Kazahstane: Dis. ... kand. vet. nauk: Alma-Atinsk. zoovet. in-tut. Alma-Ata, 1949. 623 p.
- [10] Mamedov N.Sh. Sostojanie izuchennosti istorii veterinarii v Kazahstane i perspektivy ejo prepodavanija v vuzah respubliki // Veterinarija. S. Abaj Almatinskoj obl., 2011. N 4. P. 52-65.
- [11] Sembi M. Pamjat' zemli tjurko-mongol'skoj: istoki i simbolika toponimov (Tjurkskij meridian): tom I. Nauchnoe izdanie. Almaty, 2013. 295 p.