

PATENTS AND COPYRIGHT CERTIFICATE FOR 2024

№	Patent or application number	Date of receipt of the patent or filing of the application	The name of the patent or application	Authors
Patents				
1	№8859	16.02.2024	A way to increase the strength of concrete	Appazov N.O., Akylbekov N.I., Zhapparbergenov R.U., Niyazova D.J., Ospanova I. D., Toibazarova A.B., Karmanova R.A., Akhataev N.A., Uderbaev S.S. and others
2	№36538	05.01.2024	Screen for protecting buildings and structures from seismic shocks in case of earthquakes and the impact of man-made sources of oscillations	Uderbaev S.S.
3	№36592	09.02.2024	Raw material mixture for the production of artificial porous filler	Uderbaev S.S., Saktaganova N.A., Zhakypbaeva A.U., Khamit A.N., Embergenov M.A.
4	№36595	09.02.2024	The composition of the raw mix for the production of ceramic products	Uderbaev S.S., Saktaganova N.A., Bisembaev E.T., Dilmanova A.T.
5	№ 9182	31.05.2024	Method for producing adsorbent based on aluminosilicate	Appazov N.O., Akhataev N.A., Syzdykbaev M.I., Nurmash.K.N. and etc.
Copyright certificate				
1	№ 41821	08.01.2024	Linguistic and pedagogical foundations of problem-based learning	Kamisheva G.A.
2	№ 41757	04.01.2024	Russian Russian dictionary of names of dishes (Kazakh-Russian and Russian-Kazakh dictionary)	Abasilov A., Bekish E. A.Abilov, Boranbai B., A.Kakarmanova
3	№42462	03.01.2024	Mobile applications in teaching natural education programs	R.U. Umirzakovna
4	№44490	10.04.2024	A tutorial on growing cucumbers and tomatoes without soil in greenhouse conditions	Dyamurshaeva G.E., Kudiyarov R.I., Sauytbaeva G.Z.,Dyamurshaeva E.B.
5	№43945	28.03.2024	"Smart lifesaver" is a human life saving device	Makhanova G.M., Malibekova U.T.
6	№43555	07.03.2024	Professional Russian language	Maigeldieva Zh.M., Toktamysova D.K., Baykenova K.S.
7	№42617	05.02.2024	The linguistic culture of the "family" as a fragment of the linguistic picture of the world	Yesenova P.S., Taybekova L.S.
8	№42120	17.01.2024	Formation of skills for analyzing works of different genre nature in	Urazbaeva N.J.

			Russian literature lessons: grades 5-9 at the level of basic secondary education	
9	№41797	08.01.2024	Introduction to the specialty	Zharbulova S.T.
10	№45115	25.04.2024	Electronic training manual «ECO PEDAGOGY»	Primbetova A.I.
11	№42945	15.02.2024	Mobile application "Human and Animal Physiology"	Almenaeva R.U., Ibadullayeva S.J.
12	№44475	09.04.2024	The educational and methodological complex of the discipline "Design and Technology"	Shildebaeva L.K., Zhunisova A.T.
13	№44238	03.04.2024	"The use of traditional iconic symbols in the development of the creative industry of the Syrdarya region"	Shildebaeva L.K., Tazhieva Z.D.
14	№44007	27.03.2024	Educational and methodological complex of the discipline "Scientific and research foundations"	Shildebaeva L.K.
15	№43933	26.03.2024	Monograph "Methods of designing modern clothes based on traditional Kazakh costume"	Shildebaeva L.K.
16	№47371	12.06.2024	Electronic textbook "Selection and seed production of agricultural crops"	Kosanov S.U., Tynykulova M.K., Tynykulova A.S.