

No.	Type of IP	Patent Number	Title	Year of Issue
1	Utility Model	12259	Device for hulling and pneumatic classification of safflower seeds	2026
2	Invention Patent	38042	Method for correction and treatment of endometritis in cows	2026
3	Invention Patent	37923	Method for measuring asymmetrical insulation parameters in electrical networks	2026
4	Utility Model	12028	FEEDER WITH AUTOMATIC FEED CONSUMPTION TRACKING AND RFID IDENTIFICATION	2026
5	Utility Model	11662	Test kit for visual diagnosis of uterine diseases in cows	2026
6	Selection Achievement	1201	Kyzylzhar duck maternal line	2025
7	Invention Patent	37662	Method for preparing feed additive from spent mushroom substrate	2025
8	Invention Patent	37481	Method for producing a symbiotic for fish based on isolated lactobacillus strains	2025
9	Invention Patent	37526	Protection device for 35 kV line	2025
10	Invention Patent	37529	Method for protection of a 35 kV line with two-way power supply	2025
11	Invention Patent	37619	Sowing unit of a precision seeder with a system for preventing seed skips in a row	2025
12	Invention Patent	37332	Method for producing high-temperature superconducting ceramics	2025
13	Utility Model	10629	Method for determining the reproductive capacity of a breeding bull	2025
14	Utility Model	10847	Method for producing sausage products	2025
15	Utility Model	10660	Method for producing a biologically active supplement	2025
16	Utility Model	10926	Method for cleaning drainage and rainwater	2025
17	Invention Patent	37292	Method for inoculation of plants and accumulation of potato Y- and X-viruses	2025
18	Utility Model	10662	Method for producing instant whole-grain porridge	2025
19	Invention Patent	37445	Method for preparing extruded compound feed with non-graded potatoes and phyto-genics	2025
20	Invention Patent	37386	Indirect protection device against overheating of an asynchronous electric motor	2025
21	Invention Patent	37346	Sowing device	2025
22	Invention Patent	37138	Fertilizer sowing device for subsoiler-fertilizer	2025
23	Invention Patent	37205	Method for processing incubation eggs	2025
24	Utility Model	11544	DEVICE FOR MIXING COAGULANT WITH WATER	2025
25	Utility Model	11550	SENSORY PATH FOR AGRO-TOURISM COMPLEXES	2025
26	Utility Model	11155	Method for separating wheat flour into fractions	2025
27	Utility Model	11116	Feed additive for organic production and method of its manufacture	2025
28	Utility Model	11119	Antiparasitic preparation against animal ectoparasites	2025
29	Utility Model	11475	Method for producing gluten-free crackers for functional purposes	2025
30	Utility Model	10412	Device for recognizing striped flea beetles in grain crops	2025
31	Utility Model	10414	Method for producing meat paste	2025
32	Utility Model	10661	Method for producing boiled sausage product	2025
33	Utility Model	10371	Method for producing biologically active supplement based on colostrum	2025
34	Utility Model	10370	Method for producing colostrum by freeze-drying	2025

35	Utility Model	10033	Complex agent and treatment method for stimulating wheat growth and development	2025
36	Invention Patent	37137	Meat-bone feed grinder with a coil-knife auger and impact device	2025
37	Invention Patent	37154	Hammer for crushing and grinding	2025
38	Utility Model	11624	AUTOMATED PLANT IRRADIATION INSTALLATION IN A GREENHOUSE	2025
39	Utility Model	10129	High-temperature method for producing piezoceramics	2025
40	Invention Patent	36903	Wind generator with variable wind wheel torque	2024
41	Invention Patent	36774	Line for feed production	2024
42	Invention Patent	36963	Wind power station	2024
43	Utility Model	9021	Method for producing whey drink (variants)	2024
44	Utility Model	9142	Method for determining freshness of fish	2024
45	Utility Model	9010	Method for obtaining antigen of outer membrane proteins from bacteria of the genus Salmonella spp.	2024
46	Utility Model	9349	Method for diagnosing postpartum endometritis in cows	2024
47	Utility Model	9209	Method for producing freeze-dried berries	2024
48	Utility Model	9617	Method for producing Na ₃ Fe ₂ (PO ₄) ₃ polycrystals	2024
49	Selection Achievement	1129	Red Rose potato	2024
50	Invention Patent	36760	OPENER FOR APPLYING SEEDS AND FERTILIZERS AT DIFFERENT PREDETERMINED DEPTHS	2024
51	Invention Patent	36779	Method for preparing resource-saving, highly digestible compound feed for rumen development in animals	2024
52	Invention Patent	36797	Method for purification of oxytetracycline	2024
53	Invention Patent	37021	Feed grinder	2024
54	Invention Patent	37062	Seed counting device for precision seeders	2024
55	Utility Model	9098	METHOD FOR PRODUCING FREEZE-DRIED HONEY POWDER	2024
56	Utility Model	9502	Feed additive for prevention and treatment of animal mastitis and method of its manufacture	2024
57	Utility Model	9618	Method for visual diagnosis of acute and chronic uterine diseases in cows	2024
58	Utility Model	9752	Method for artificial spawning of zander	2024
59	Utility Model	9808	Application of a substance based on ethanol extract of the plant Calligonum aphyllum (Pall) Guerke as an antimicrobial agent	2024
60	Utility Model	9905	Preparation for the treatment of subclinical mastitis in cows	2024
61	Invention Patent	36486	Device for drying, grinding and mixing feed flour particles	2023
62	Utility Model	8520	Epoxy composition for protective coating	2023
63	Utility Model	8432	Zeolite-containing feed additive for lactating cows	2023
64	Utility Model	8358	Compound feed for laying quail	2023
65	Utility Model	8338	Method for preparing highly digestible extruded compound feed	2023
66	Utility Model	8404	Method of sample preparation for the determination of heavy metals in meat	2023
67	Utility Model	8370	Method for determining ammonia in fish meat	2023
68	Utility Model	8433	Feed additive for cattle	2023
69	Utility Model	8707	Method for producing yogurt from sheep's milk	2023
70	Utility Model	8711	Method for producing high-temperature superconducting Bi _{1,6} Pb _{0,4} Sr ₂ Ca _{2,25} Cu _{3,2} O _y ceramic	2023
71	Utility Model	8658	Automatic stress-free weighing system	2023
72	Utility Model	7306	Method for determining single irrigation rates for fine-dispersed sprinkling	2022

73	Invention Patent	35647	Machine for differentiated application of liquid mineral fertilizers	2022
74	Invention Patent	35644	Combined unit for overseeding grass into hayfield and pasture sod	2022
75	Invention Patent	35776	Escherichia coli BL21(DE3) pET28a/Omp19/31 microorganism strain - producer of chimeric recombinant protein of outer membrane of brucella	2022
76	Invention Patent	35782	Method for plasma hardening of heavy-loaded thin-walled parts of small mass	2022
77	Invention Patent	35954	Device for drying, grinding, mixing feed flour particles from animal waste	2022
78	Invention Patent	35955	Hammer for crushing and grinding	2022
79	Invention Patent	35956	Hammer for grinding	2022
80	Utility Model	7307	Method for producing acetylated starch	2022
81	Utility Model	7619	Working element for introducing liquid soil conditioners into the soil	2022
82	Utility Model	7551	Method for irrigated farming using melt and flood waters	2022
83	Utility Model	7607	Method for producing soft cheese	2022
84	Selection Achievement	1008	Arqa Yrtsy barley	2022
85	Utility Model	7516	Method for creating a raw material conveyor for high-yielding dairy goats	2022
86	Invention Patent	35751	Method for treatment and prevention of invasive bee diseases	2022
87	Invention Patent	35646	Device for subsurface application of liquid fertilizers	2022
88	Utility Model	7067	Method for preparing sheep cheese with spinach	2022
89	Invention Patent	34880	Method for pen-rumble grazing of livestock around a pasture center	2021
90	Invention Patent	34892	Method for cultivating chickpea in the steppe zone for ecologically safe production	2021
91	Invention Patent	35217	Protection device without time delay for two-transformer substation 35/10 kV	2021
92	Invention Patent	35211	Protection device for transformer substation 35/10 kV	2021
93	Invention Patent	35353	Specific primers for multiplex diagnosis of pathogens of the Opisthorchidae family	2021
94	Invention Patent	35326	Grass seeder	2021
95	Invention Patent	35352	Method for preparing multifunctional feed additive	2021
96	Invention Patent	35397	Wide-capture seeder	2021
97	Invention Patent	35426	Method for treatment of ketosis in cows	2021
98	Invention Patent	35425	Method for treatment of limb diseases in farm animals	2021
99	Invention Patent	35398	Device for degassing water from geothermal wells	2021
100	Invention Patent	35443	Design of differential protection of electric motor on magnetically controlled contacts	2021
101	Utility Model	6095	Device for automated accounting of milk productivity	2021
102	Utility Model	6302	Method for determining acidity of food products	2021
103	Utility Model	6706	Percussion-toothed hammer for grinding	2021
104	Utility Model	6789	Gear pump with double-axis connection	2021
105	Invention Patent	35155	Grain-fertilizer-grass seeder	2021
106	Invention Patent	35429	Method for producing maltodextrins from wheat starch	2021

107	Utility Model	6325	Method for producing copper powder	2021
108	Utility Model	6593	Method for stimulating growth of tomato seedlings	2021
109	Invention Patent	34243	Method for creating pasture agrophytocenoses by regulating succession processes	2020
110	Invention Patent	34800	Mutant strain <i>Aspergillus niger</i> R5/4 - producer of citric acid	2020
111	Invention Patent	34419	Method for determining insulation parameters in an asymmetrical network with isolated neutral with voltage up to 1000 V	2020
112	Invention Patent	34241	Grain-fertilizer-grass seeder	2020
113	Invention Patent	34242	Grain-fertilizer-grass anti-erosion seeder	2020
114	Invention Patent	34515	Tillage implement	2020
115	Invention Patent	34505	Combined seeder	2020
116	Invention Patent	34735	Method for determining cold resistance of beef cattle	2020
117	Utility Model	4909	Application of a mixture of Antitox and E-Selen as a detoxifying agent for removing 1,1-dimethylhydrazine from the cow's body	2020
118	Utility Model	4913	Method for determining safety of milk	2020
119	Utility Model	4590	Method for obtaining antigen from <i>Campylobacter fetus</i>	2020
120	Utility Model	5289	Method for forecasting effectiveness of nitrogen fertilizers	2020
121	Utility Model	5695	Application of a mixture of Antitox and vitamin B6 for detoxification of 1,1-dimethylhydrazine in the animal body	2020
122	Utility Model	5610	Method for determining freshness of fish meat	2020
123	Utility Model	5714	Method for determining involution and pathology of reproductive organs in cows	2020
124	Invention Patent	33399	Subsoiler-cultivator-fertilizer	2019
125	Invention Patent	33692	Method for creating specialized pastures	2019
126	Invention Patent	33602	Method for applying mineral fertilizers and device for its implementation	2019
127	Invention Patent	33625	Method for determining adulteration of honey	2019
128	Invention Patent	33608	Strain <i>Streptomyces pratensis</i> 15 for producing biopreparation used as a phytostimulant and inhibitor of pathogens of fungal diseases of oilseed crops	2019
129	Invention Patent	33682	Method for cultivating peas in the steppe zone using green manure	2019
130	Invention Patent	33683	Method for sowing legume-cereal grass mixtures for creating cultural pastures in steppe zone conditions	2019
131	Invention Patent	33610	Smooth start of a multi-motor AC electric drive	2019
132	Invention Patent	33930	Strain of hybrid cultured animal cells <i>Mus Musculus</i> L. - used for producing monoclonal antibodies to <i>Echinococcus granulosus</i>	2019
133	Utility Model	3949	Method for cultivating non-traditional annual fodder crop Japanese millet (<i>Echinochloa frumentacea</i>) in the steppe zone	2019
134	Utility Model	4061	Tray	2019
135	Utility Model	4463	Method for determining freshness of fish	2019
136	Invention Patent	32609	Method for determining fungistatic activity of pure microorganism cultures against soil phytopathogens	2018
137	Invention Patent	32705	Method for studying morphogenesis of soil micromycetes on slide cultures	2018
138	Invention Patent	32762	Device for applying mineral fertilizers	2018

139	Invention Patent	32614	Cultivator-fertilizer	2018
140	Invention Patent	33306	Sowing device	2018
141	Invention Patent	32768	Method for increasing productivity of cattle	2018
142	Invention Patent	32902	Method for producing ELISA diagnosticum for detection of potato M-virus	2018
143	Invention Patent	33304	Method for cultivating peas in the steppe zone using liquid mineral fertilizer	2018
144	Invention Patent	33124	Strain of microorganism Escherichia coli BL21(DE3)/pET32/OmpBm-Ba producer of recombinant chimeric outer membrane protein of brucella	2018
145	Invention Patent	33310	Holographic system with incoherent reference source	2018
146	Invention Patent	33306	Strain E.coli BL21 pET28e/Of-Paramyosin - producer of recombinant polypeptide possessing antigenic properties of paramyosin protein of Opisthorchis felineus	2018
147	Invention Patent	33307	Method for determining insulation parameters in an asymmetrical network with isolated neutral with voltage above 1000 V	2018
148	Utility Model	2641	Method of soil preparation for growing safflower in conditions of Northern Kazakhstan	2018
149	Utility Model	2623	Method for cultivating lentils in the conditions of the dry steppe zone of Northern Kazakhstan	2018
150	Utility Model	2650	Method for cultivating oilseed crops	2018
151	Utility Model	2784	Opener	2018
152	Utility Model	3012	Method for biological reclamation of disturbed pasture lands of the dry steppe zone	2018
153	Utility Model	3060	Method for determining total content of inverted sugar in honey	2018
154	Utility Model	2989	Method for determining residual amounts of antibiotics in food products	2018
155	Utility Model	2824	Hopper feeder for feeding rabbits in outdoor keeping	2018
156	Utility Model	3013	Method of using zeolite to increase yield and quality of sunflower seeds	2018
157	Utility Model	3016	Granulated compound feed for rabbits	2018
158	Utility Model	3042	Method for cultivating oil flax using growth stimulators	2018
159	Utility Model	3043	Method for cultivating oil flax using growth stimulators	2018
160	Utility Model	3169	Method for cultivating mixed crops of cereals and legumes	2018
161	Utility Model	3046	Method for joint cultivation of fish and plants in closed water supply systems	2018
162	Utility Model	3047	Combined feed additive and method of its application	2018
163	Utility Model	3170	Method for applying biological fertilizers when cultivating potato varieties	2018
164	Utility Model	2966	Opener	2018
165	Invention Patent	31876	Method for determining technological properties of hardened materials	2017
166	Invention Patent	32064	EXPRESS-METHOD FOR DETERMINATION OF POTATO Y-VIRUS	2017
167	Invention Patent	32288	Method for determining need of agricultural crops for nitrogen fertilizers	2017
168	Invention Patent	32026	Method for scanning an object	2017
169	Invention Patent	32031	Opener	2017
170	Invention Patent	32199	Strain Bipolaris sorokiniana №16 - pathogen of dark brown leaf spot of barley	2017
171	Invention Patent	32176	Method for diagnosis of pregnancy and infertility in cows	2017
172	Utility Model	2134	Method for determining species identification of hair	2017

173	Utility Model	2341	Method for determining nitrates/nitrites in meat and meat products and test kit for its implementation	2017
174	Utility Model	2340	Method for determining nitrates/nitrites in meat and meat products	2017
175	Utility Model	2218	Method for determining acetone bodies in milk	2017
176	Invention Patent	31540	Cultivator implement for soil processing	2016
177	Invention Patent	31541	Combined seeder	2016
178	Invention Patent	31004	Method for detecting Mycobacterium bovis antigens in pathological and biological material by immunochromatography	2016
179	Invention Patent	30961	Strain of hybrid cultured animal cells Mus musculus L. - used for producing monoclonal antibodies to cardiac troponin I preparation	2016
180	Invention Patent	31542	Sowing device	2016
181	Invention Patent	31582	Method for determining degree of freshness of meat with copper sulfate	2016
182	Invention Patent	31554	MIXER	2016
183	Invention Patent	31567	INTERMEDIATE LINEAR DRIVE OF BELT CONVEYOR	2016
184	Invention Patent	31576	COMPENSATING COUPLING	2016
185	Invention Patent	31544	DEVICE FOR DIVIDING FLOW OF BULK MATERIALS	2016
186	Invention Patent	31543	HEADER HITCH	2016
187	Invention Patent	31571	TOWER CRANE	2016
188	Invention Patent	31561	AIR-CONDITIONED SEAT	2016
189	Invention Patent	31581	DEVICE FOR EVALUATING SOIL COMPACTIBILITY	2016
190	Invention Patent	31545	BULK MATERIAL DISPENSER	2016
191	Invention Patent	31555	CRUSHER	2016
192	Invention Patent	31565	BULK MATERIAL HOPPER	2016
193	Invention Patent	31570	DISCHARGE MECHANISM FOR HOPPER	2016
194	Invention Patent	31562	SEMI-TRACKED DRIVE OF WHEELED TRACTOR	2016
195	Invention Patent	31559	DUAL WHEEL OF HIGH-MOBILITY VEHICLE	2016
196	Invention Patent	31566	VERTICAL BELT CONVEYOR	2016
197	Invention Patent	31560	OPERATOR SEAT FOR SELF-PROPELLED EQUIPMENT	2016
198	Invention Patent	31579	Stand for determining the boundary of the soil compaction core	2016
199	Invention Patent	31558	DUAL WHEEL OF HIGH-MOBILITY VEHICLE	2016
200	Invention Patent	31569	INCLINED BELT CONVEYOR	2016
201	Invention Patent	31568	VIBRATING MULTI-DRIVE CONVEYOR	2016
202	Invention Patent	31563	WHEELED-TRACKED VEHICLE PROPULSOR	2016

203	Invention Patent	31564	SEMI-TRACKED DRIVE OF WHEELED TRACTOR	2016
204	Invention Patent	31583	Method for determining safety of meat	2016
205	Invention Patent	31557	PROPULSOR OF WHEELED ALL-TERRAIN VEHICLE	2016
206	Invention Patent	31580	Stand for studying interaction of wheels with soil	2016
207	Invention Patent	31062	Pile	2016
208	Invention Patent	31076	Educational instrument for demonstrating change in translational speed of chain movement in chain conveyors	2016
209	Invention Patent	31066	Device for heating oil in the crankcase of an internal combustion engine	2016
210	Invention Patent	31399	Method for sowing Sudanese grass for fodder in the dry steppe zone	2016
211	Invention Patent	31161	Attachment equipment for performing work in confined construction conditions	2016
212	Invention Patent	31401	Method for harvesting berries from plants and device for its implementation	2016
213	Invention Patent	31013	Device for preparing kumis	2016
214	Invention Patent	31104	Sowing device	2016
215	Invention Patent	31584	Method for determining potassium permanganate in meat and indicators for its implementation	2016
216	Invention Patent	31009	Fertilizer sowing device	2016
217	Invention Patent	31400	MINERAL FERTILIZER SPREADER	2016
218	Invention Patent	31708	MINERAL FERTILIZER SPREADER	2016
219	Invention Patent	31154	Method for producing oil from oilseed plant material	2016
220	Invention Patent	31107	Spreader of mineral fertilizers and soil conditioners	2016
221	Invention Patent	31106	SOWING APPARATUS	2016
222	Invention Patent	31174	Method for determining mastitis in cows and ewes	2016
223	Invention Patent	31105	SOWING APPARATUS	2016
224	Invention Patent	31173	Method for determining adulteration of honey with sugar	2016
225	Invention Patent	31147	DEVICE FOR LOCKING DUMP PLATFORM OF VEHICLE	2016
226	Invention Patent	31800	Method for determining nitrates in meat and meat products	2016