

The innovative proposition

to attract investors and buyers

1. Name of innovation

**TRANSPORT-TECHNOLOGICAL COMPLEX FOR PRELIMINARY
REFINEMENT OF NEWLY HARVESTED GRAIN**

2. Intellectual Property

Select the appropriate position, put the mark «+». Write relevant information.

- Patented Innovation countries: Ukraine
- Filed for a patent countries: _____
- License agreement or Exclusive rights. Exclusive rights
- Other (specify) _____

3. Type of innovation

Select the icon by replacing from "-" to "+"

+	Product
-	Technology

+	Result of R&D
-	Other (discussed separately)

4. Areas of innovation

Select one or more applications innovation by replacing from "-" to "+" .

+	Automobiles, transport and logistics
+	Agriculture and food technology
-	Aerial and space technology
-	Biochemical technology
-	Building
-	Military Industrial and Safety
+	Energy and Energy Saving
-	IT-technology, ICT industry and services
-	Light industry
-	Marine industry and services
-	Environment
-	Nano- and Micro Technology
-	New materials
-	Medicine and Health
-	Creative industry
-	Tourism and cultural heritage
-	Other. (Please specify below the scope)

5. Novelty

What does innovation superior (in digits or qualitatively) already existing? (The answer should be clear and concise - three main arguments in support of the use of promising innovations in domestic and/or foreign markets)

A Transport-technological complex (TTC) is intended for a successive separation of the lots, cleaning of grain mixture from rough, large and shallow impurities, moving away aerodynamic easy and heavy admixtures of organic and mineral origin and sorting of the grain received into factions that differ in sizes and closeness of particles. TTC is offered for the use on points and elevators for preliminary processing of newly harvested grain, cereals and leguminous crops. TTC appliance is expected to be the most effective when installed in the line of post-harvesting processing of grain directly opposite the dryer.

The review of structure and technical descriptions of existent equipment and comparison of them with requirements to previous treatment of moist bread testifies to absence of optimal decisions of hardware for the decision of problem of the previous cleaning and sorting of grain and confirms the necessity of improvement of present equipment for complex treatment of grain-growing or seminal raw material. Taking into account technologically rational possibilities for the separation of specific mixture of mineral and organic admixtures and moist grain, division of their parts it is expedient to execute by a sieve and air separation. Such conclusions are the improvements of separators fixed in basis for the previous cleaning of fresh-cut grain with the combined principle of action that provides possibilities of combination and concurrent execution of operations of sieve and air separation.

Worked out charts of compact technological processes for small and midsize businesses and for farms. The offered structures of small and had sizes very small equipments are for making of agricultural produce directly in the districts of the complex growing of raw material. Set forth recommendations on introduction of job performances on small reprocessors and in the workshops of farms. Introduction of job performances allows to bring down charges on the concentration of raw material and realization of the prepared products, to decrease losses and worsening of quality of seed, and other digister at storage. The increase of level of explosive unconcern and effectiveness of fire prophylaxis of production must assist the acceleration of organization, creation of the technological providing, technical rigging and economic becoming of small reprocessors.

It is worked out :

- An aggregate miniclearans equipment is for the complex cleaning of grain
 - A miniclearans equipment is for the individual making of groats
 - A miniclearans equipment is for the operative making of groats
 - A small equipment is for the autonomous processing of grain in groats
 - Technologies and equipments of lines are for the production of vegetable oil
- Introduction is conducted on Novoukrainca combaine bakery DAC "Bread of Ukraine".

6. Stage of Innovation

What is innovation's stage of development? Select the icon by replacing from "-" to "+"

-	The concept, proof of concept
+	The prototype, which tested and available for demonstration
+	The technologies for small-scale production
-	The technology is ready for industrial application
-	Commercialized

7. The presentation innovations

Select one or more forms by replacing badge from «-» to «+»

-	The demonstration model
+	Multimedia presentation
-	Report

8. Information about the participants, which apply innovation

	<i>If innovation is filed away</i>
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