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UTILITY PATENT APPLICATION TRANSMITTAL Date of application: 19.January 2022.	<i>Attorney Docket No.</i>	US 8,036,493 B1
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	<i>First Named Inventor</i>	Ljesnjak Snezana
	<i>Title of invention</i>	Waste management integrated into the work of the primary school
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1. FIELD OF THE INVENTION

Innovation is from the field of waste management and recycling. It is certainly connected with the education and upbringing of the students of this school, because the process is its inseparable part

2. BACKGROUND ART

There is a recycling yard that is made according to the most modern standards, but there is no organized collection of selected waste, nor is there a container for waste separation in the city. However, in recent years, only 1,5% has been recycled, although the goal set for this year was to be 20 %. EU targets on the circular economy envisage that by 2025, at least 55% of municipal waste will be recycled and composted. The Government has announced the construction of 4 Waste Management Centers and the existence of a waste treatment center. Despite all the infrastructural conditions, no progress can be seen in the selection and disposal of waste. Employees of the Public Utility Company and the Landfill believe that the main problem is that they do not have enough employees and that there is no public awareness of the importance of waste management. Several projects related to this topic have been implemented, but none have yielded any notable results.

3. BRIEF SUMMARY OF THE INVENTION

- Teachers will conduct precise training of students,
- it will give instructions on how to properly separate waste, which waste is the subject of the process, how to bring it to school and in which container to dispose,
- regular classes will be realized in parallel with this integrated process,
- there are four containers in front of the school and they are used for: paper, plastic, metal and glass,
- informing the parents of students and the local population goes hand in hand with educating students,
- in cooperation with the state company Landfill, 4 containers for waste separation will be installed in front of the school,
- Telecom has opened a toll-free telephone line,
- students will bring separate waste in canvas bags every day

- the inhabitants of the surrounding settlements bring waste which they separate into appropriate containers,
- NGO volunteers come to households and take away waste by invitation,
- two specially designed recycling trucks, the collected waste will be transported to the recycling yard twice a day,
- daily measurements of collected waste are performed,
- once a week the funds are paid into the school account,
- students are surveyed based on the choice of priority teaching aids,
- from start to finish the process will be covered by a media campaign.

ABSTRACT:

Innovation refers to a specially integrated process of selection and further waste management within the Marko Miljanov school in Podgorica. The process is coordinated by the teacher, and the main generators of success are the students who bring the selected waste every day. Parents of students, nearby residents and citizens contribute to the process by inviting volunteers to pick up the separated waste via a toll-free telephone line. The schools then sell it to a state-owned company, and from the money earned, the school buys the desired teaching aids and beautifies the space in which students spend their time. This innovation raises the awareness of all participants, tends to expand at the state level and provides the school with independent funding for missing teaching aids