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NEW UNITED STATES PATENT FOR THE SEPARATION OF SOLID WASTE

New highly sensitive device for mixed waste processing

Cleveland, Ohio, December 15, 2015 – On December 1, 2015, The United States Patent Office awarded Patent No. 9,199,280 B2 to Steven M. Viny, CEO of Envision Waste Services. The Patent is entitled “Apparatus and Method for Separating Solid Waste.” Mr. Viny is a 35 year veteran of the Solid Waste Industry and is well known as a pioneer in mixed waste processing and recycling. Mr. Viny served as International President of the Solid Waste Association of North America and was the first private sector officer in the Association’s history.

“I am very proud of this new cutting edge invention. Separating solid waste is not an easy task. The ability to liberate clean, market spec recyclables from solid waste requires equipment that is robust enough to operate daily without fail, yet highly sensitive with the possibility for fine levels of adjustment to assure exacting separation. This new device jettisons the reality of mixed waste processing or even single stream recyclable processing to an entirely new level.”

This new invention represents a breakthrough in the way that mixed waste and or single stream recyclables are processed. Traditionally, waste and recyclables are screened based on density, size or shape using rotational devices that are prone to wrapping and clogging. This reduces screen efficiency and material quality. Further, traditional screens have limited adjustment possibilities and often those adjustments require considerable time and additional parts. This new invention allows for the screening of material by density and shape simultaneously in a manner that eliminates wrapping and clogging while at the same time providing many levels of just-in-time adjustment for a high degree of control.

This invention compliments Envision’s miniMRF™ line of waste processing equipment, but it may also be incorporated into existing mixed waste processing or single stream recyclable processing systems.

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If you would like more information about this topic, please contact Steve Viny at 216-831-1818 or send an e-mail to: sviny@envisionwaste.net.