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The Director

of the United States Patent and Trademark Office has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this United States

Patent

grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America, and if the invention is a process, of the right to exclude others from using, offering for sale or selling throughout the United States of America, products made by that process, for the term set forth in 35 U.S.C. 154(a)(2) or (c)(1), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b). See the Maintenance Fee Notice on the inside of the cover.

Katherine Kelly Vidal

DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE



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(12) **United States Patent**
Dhumal

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(54) **POULTRY FEEDER INCLUDING PAN MEANS AND REMOVABLY ATTACHED DROP TUBE**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 350 days.

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(57) **ABSTRACT**

This invention comprises a poultry feeder assembly (3) for providing access to feed to chicks of small breeds as well as growing and fully grown up birds from the same poultry feeder assembly, provided with a barrier to minimize entry of the chicks inside a feed containing pan (25) of the poultry feeder assembly. The poultry feeder assembly being attachable to a feeder pipe (4) that has spiral auger for automatic conveying of feed from a small hopper (2) to the poultry feeder assembly attached to the pipe, and the pipe is provided with a system for level adjustment or height adjustment from ground or floor of a poultry house; wherein, the pan for holding the feed is separable for cleaning purposes from the tube that conveys feed received from a feeding pipe to the pan.

10 Claims, 19 Drawing Sheets

