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**Department of Defense**  
**Office of the Inspector General**  
**Washington, D.C. 20315**  
**203-707-1234**  
**203-707-1234**  
**Acting Inspector General**

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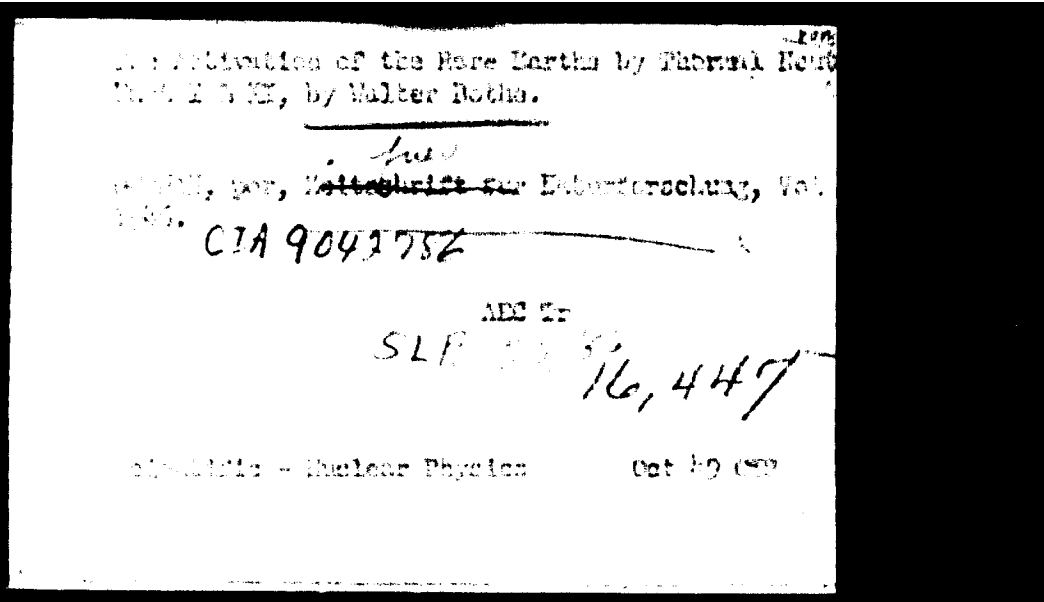
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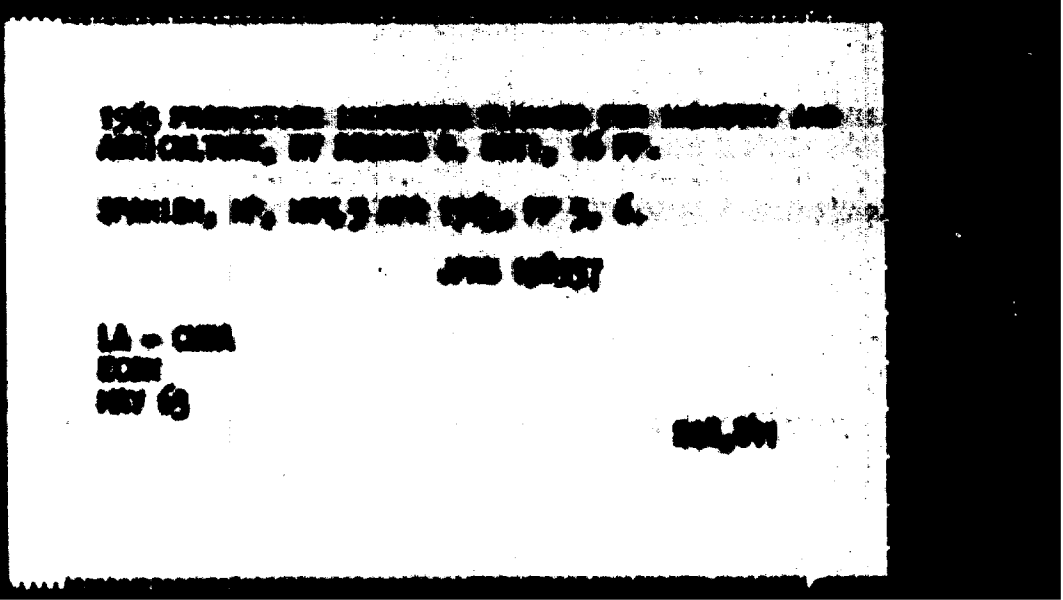
Original apparatus is described that allows the direct study of powder, without preliminary transformation. It is maintained under constant pressure in a parallelepipedal cavity during the measurement of the Hall coefficient, the resistivity, the magnetoresistance, and the volume mass. The influence of the pressure on these quantities is studied to  $1,000 \text{ kg. cm}^{-2}$  (Author)

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(NC-6829)

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DESCRIPTORS: \*Stars. \*Galaxies. Motion. Rotation.  
Velocity. Distribution. Sun. Position finding. \*Statistical  
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PROCESS FOR MAKING THEM. [1963] 10p 2refs  
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Trans. of French patent 1,301,035, P. V. no. 869,001,  
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2 Jul 62, by Phillips Petroleum Co., U.S.A. (pat. appl.  
45,716, filed 27 Jul 60, U.S.A.).  
Another trans. is available from OTS or SLA \$1.10 as  
63-18391 [31 Jan 63] [5p].

DESCRIPTORS: \*Manufacturing methods, \*Filaments,  
\*Polyethylene plastics, Polymers, \*Expanded plastics,  
Drawing (Machine Processing), Foams, Stretch forming.

The present invention has for its objects new and im-  
proved filaments from plastics or polymers, filaments  
which give, by weaving, improved fabrics; a process for  
(Materials--Plastics, TT, v. 10, no. 11) (over)

63-20066

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- II. Patent (France) 1 301 035
- III. Patent application (U.S.)  
45 716/60

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