## United States Patent [19]

[11] [45]

4,168,640 Sep. 25, 1979

Szego [54] EXPANDED FOIL CUTTING METHOD

[75] Inventor: Andrew Szego, Toronto, Canada

Explosafe America Inc., Rexdale, Canada

[21] Appl. No.: 879,222

Feb. 21, 1978

[51] Int. Cl.<sup>2</sup> B23D 27/04 [52] U.S. Cl. 83/56; 83/13; 30/216; 83/916 [58] Field of Search 83/56, 13, 916; 30/216

[56] References Cited

U.S. PATENT DOCUMENTS

 2,630,628
 3/1953
 Hall
 30/216

 3,200,493
 8/1965
 Dodegge
 30/216

Primary Examiner—Donald R. Schran Attorney, Agent, or Firm—Ridout & Maybee

[57] ABSTRACT

The cutting of masses composed of multiple thickness of expanded foil is accomplished using reciprocating toothed blades that are deeply notched so that the strands of the expanded mesh enter deeply into the notches and are sheared through between the teeth of the blades.

11 Claims, 5 Drawing Figures

