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(54) **SUPERHARD CUTTERS AND ASSOCIATED METHODS**

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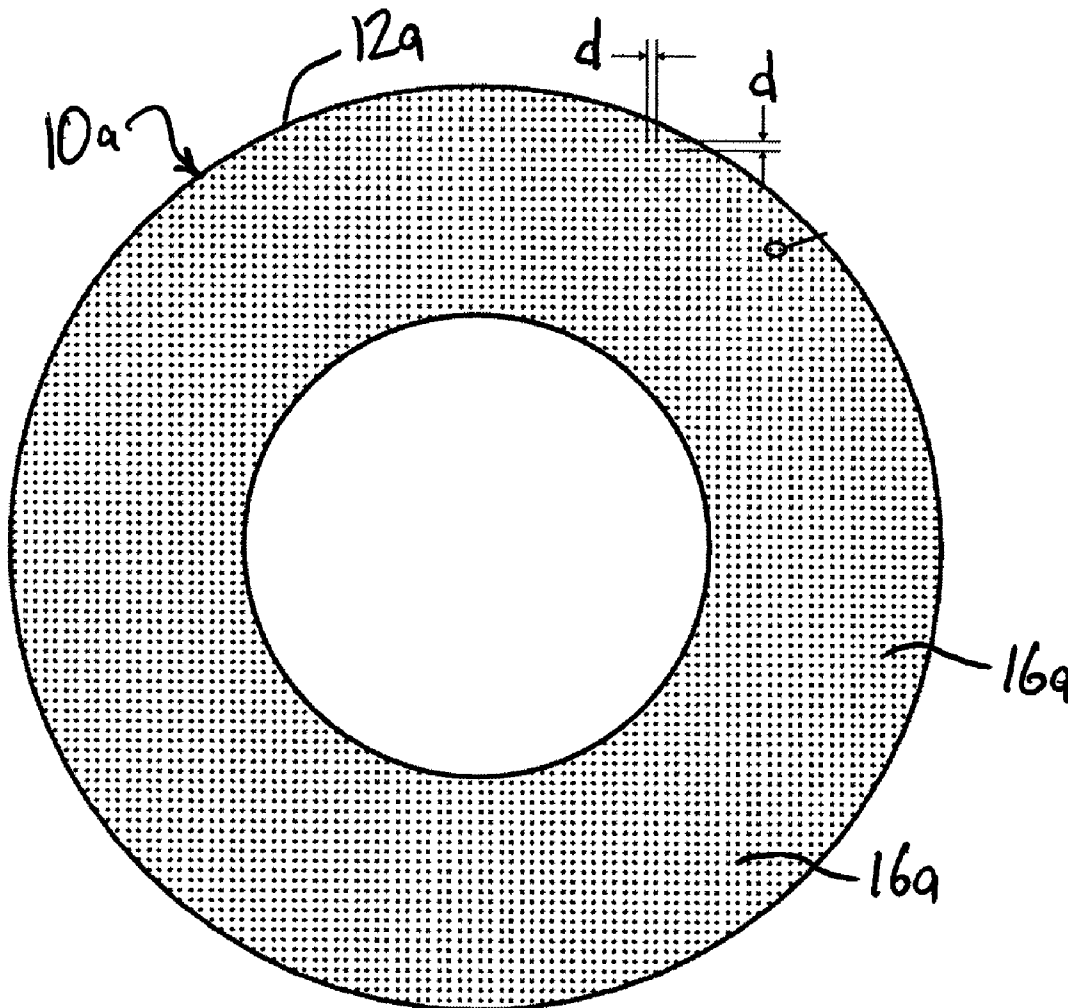
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(57) **ABSTRACT**

A cutting device comprises a base having a solidified organic material layer disposed thereon. A plurality of individual polycrystalline cutting elements are secured in the solidified organic material layer. Each of the plurality of individual polycrystalline cutting elements has a substantially matching geometric configuration.
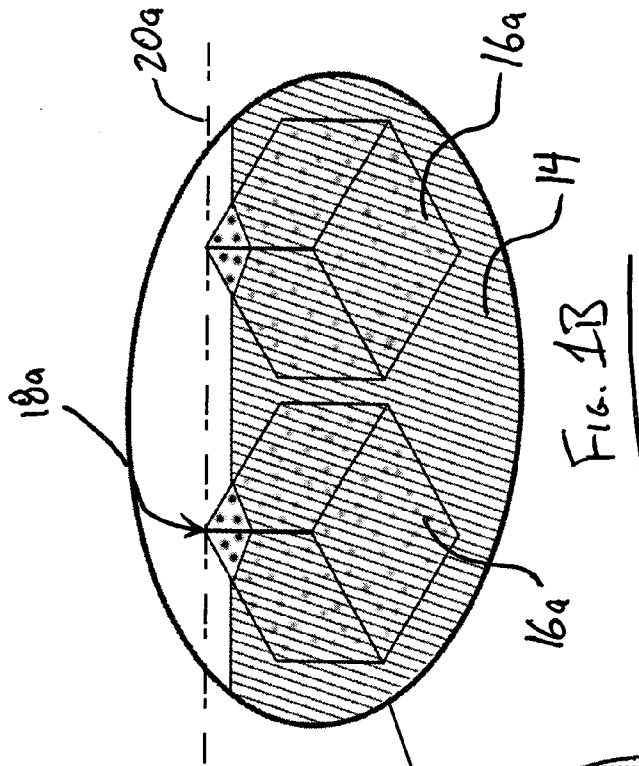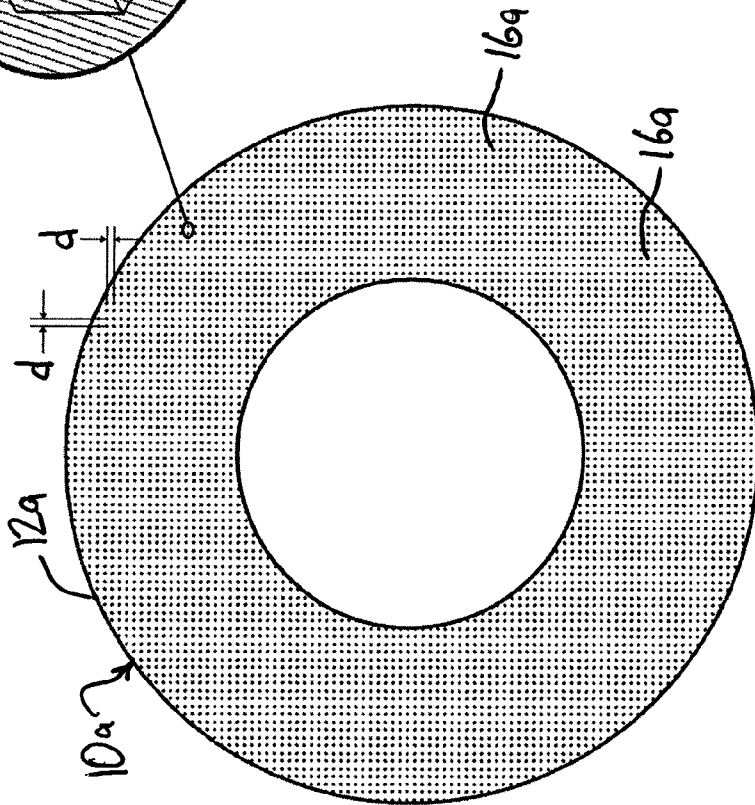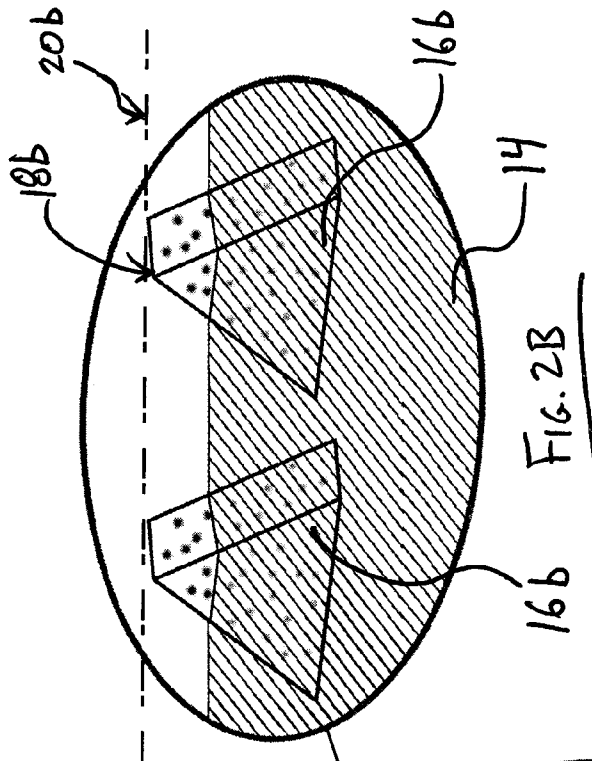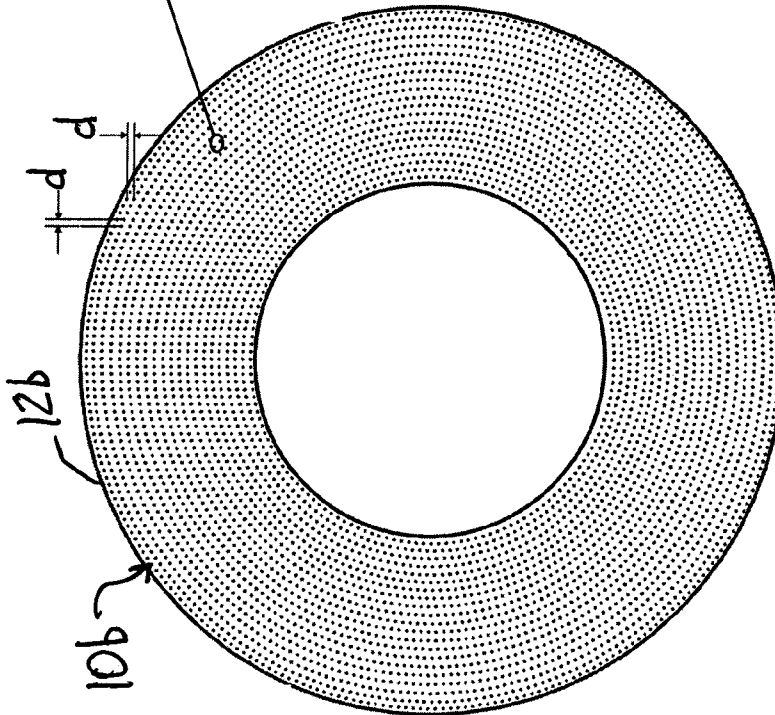
Fig. 1B

Fig. 1A

Fig. 2B

Fig. 2A

30

32

12b

10c

32

32

B

B

FIG. 3A

40

40

32

FIG. 3B

20

32

30

32

10d

R

R

R

FIG. 4

30b

32b

32b

FIG. 5

10e

32b

FIG. 6

10f

32b

FIG. 7
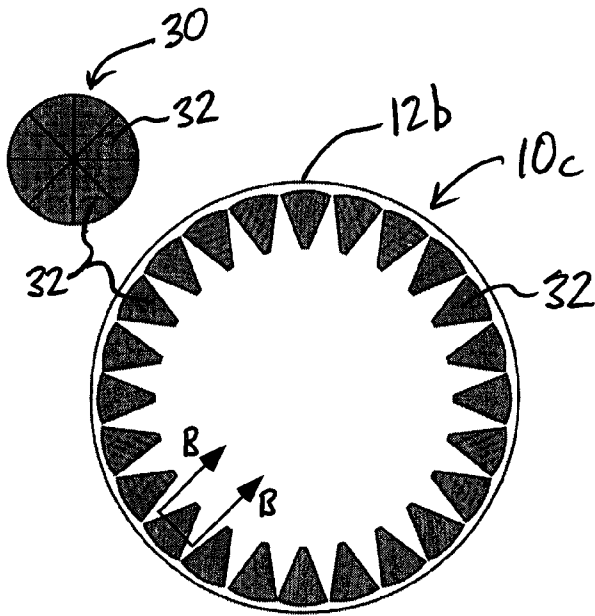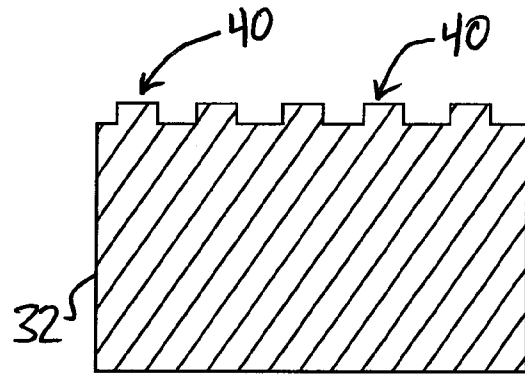
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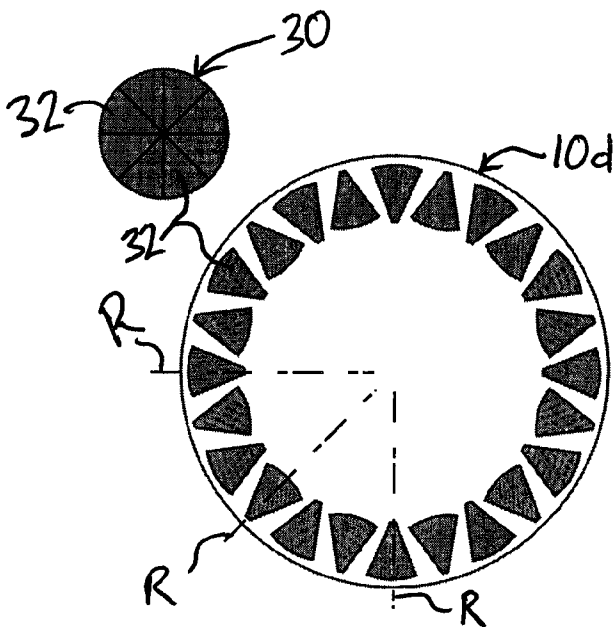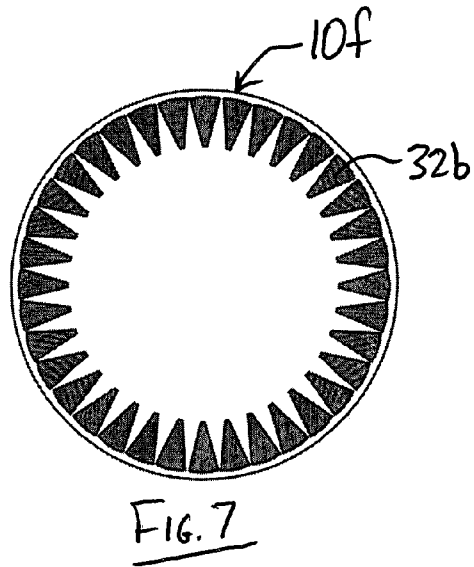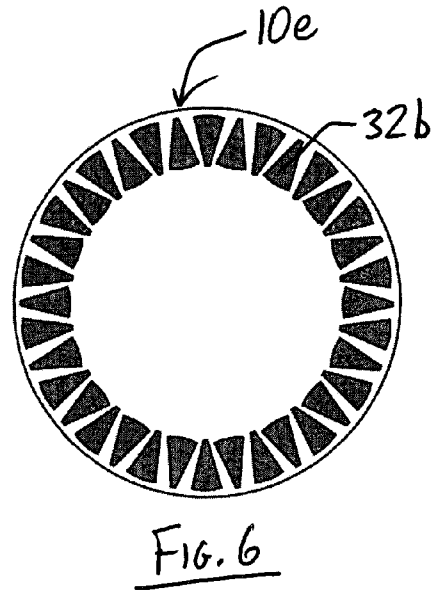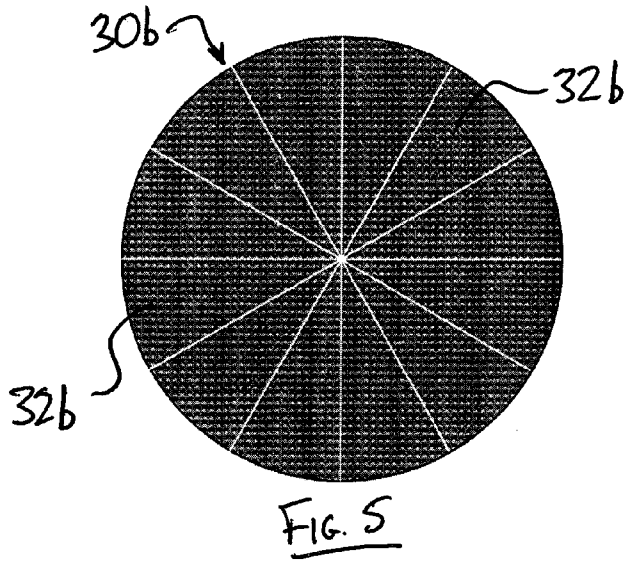
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