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(43)

10-2004-0019862
2004 03 06

(21) 10-2003-0024432
(22) 2003 04 17

(30) 10/230,806 2002 08 29 (US)

(71) 10001 22 32가 9

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 3,835,665가 1974. 9. 17. G. B. 4,809,417 1989. 3. 7.
 , Jr. 4,942,744가 1990. 7. 24. H. C. 5,0
 90,216 1992. 2. 25. J. T.
 가 5,432,988 1995. 7. 18. C. C. 5,454,234가 1995. 10. 3.
 D. W. 2000. 2. 15. H. E. 가 6,025,060
 FR2621230 1989. 4. 7.

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5 S3 , 1 (12) (16) 2 (18)

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6 , 2 (14) , (20) 가 S4

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9 2 (14) S7 (20) (24) S8
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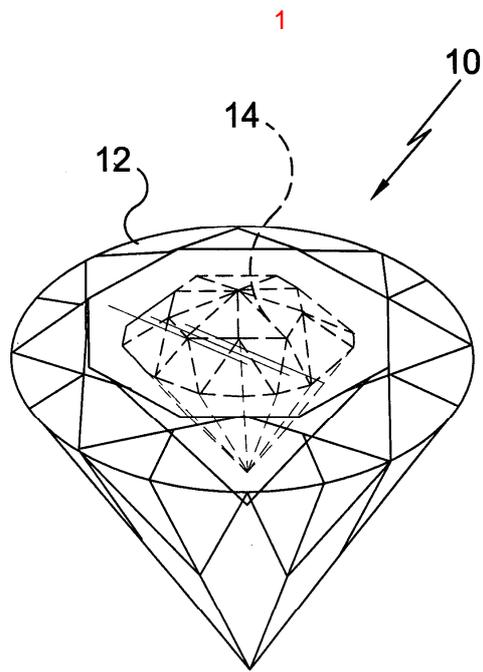
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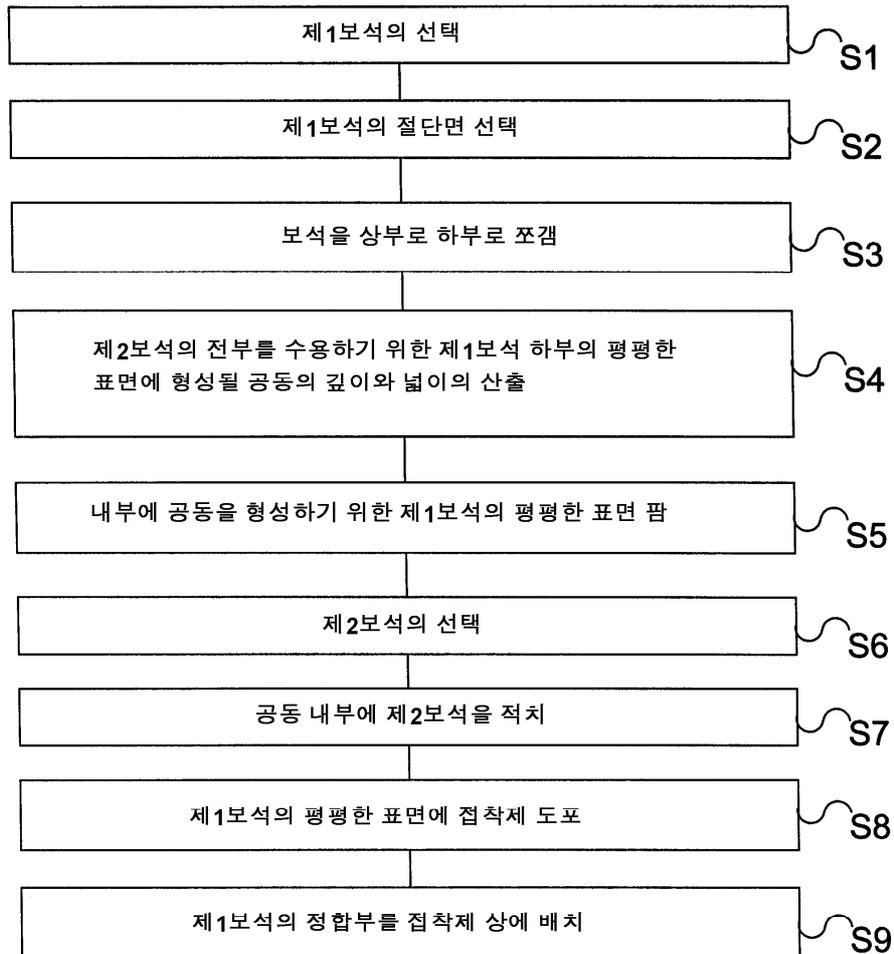
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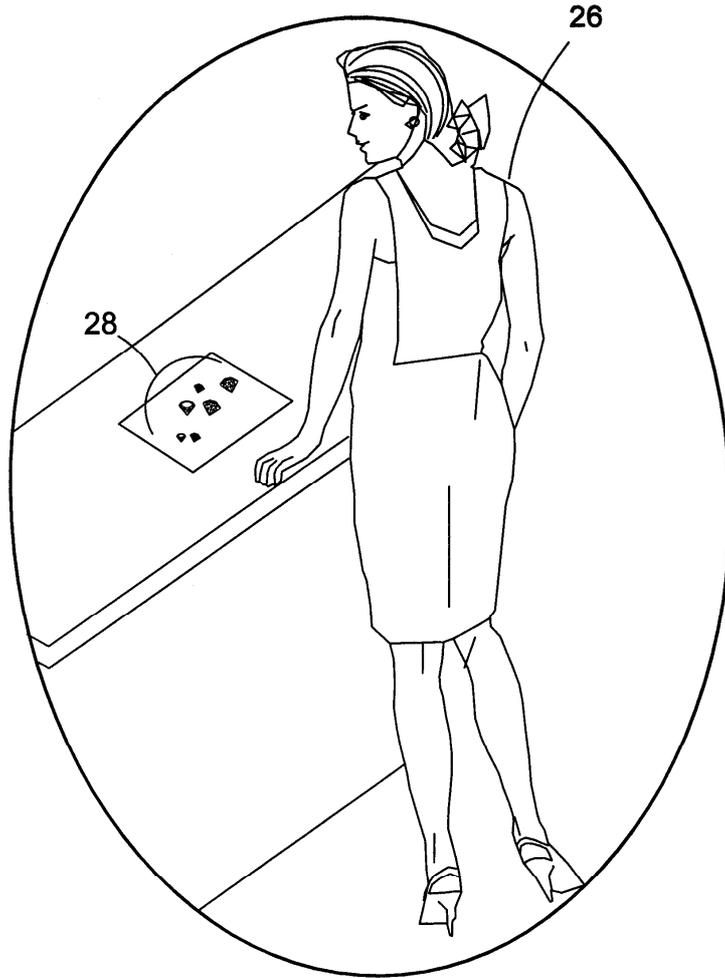
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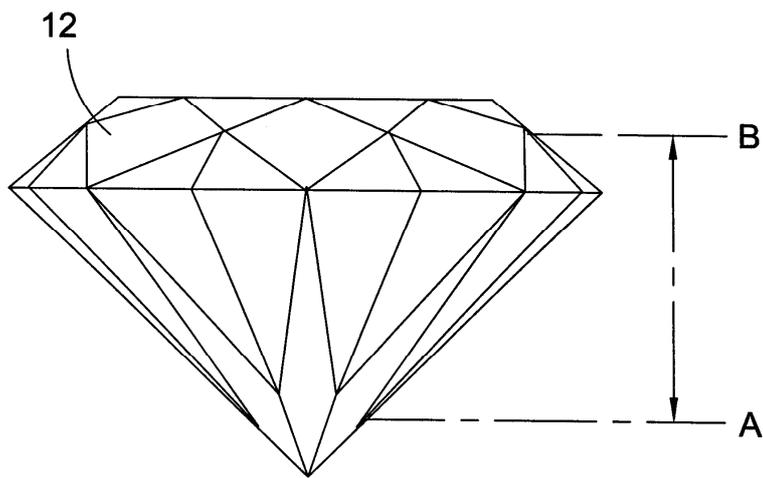
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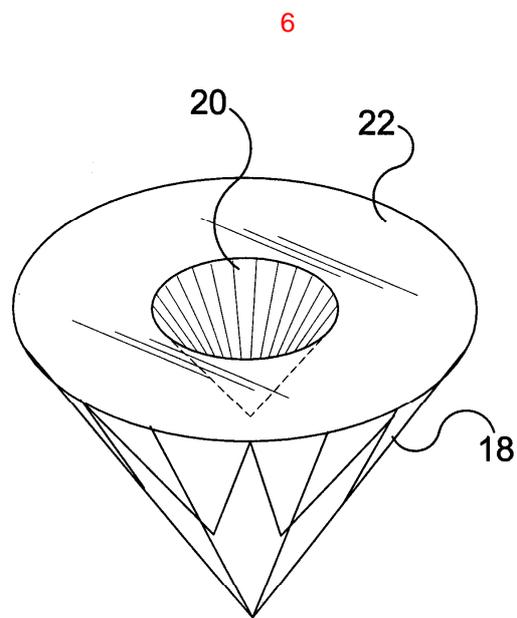
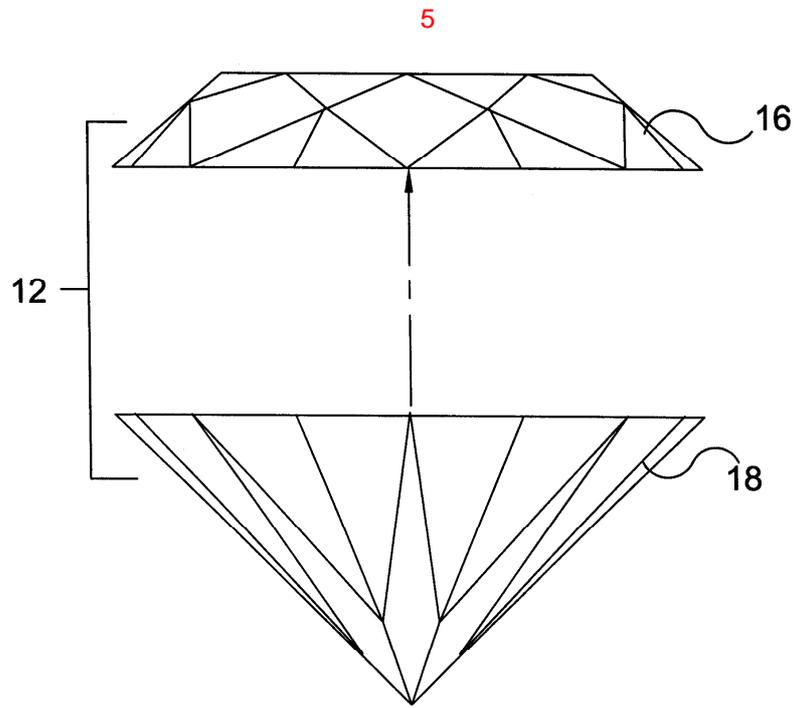


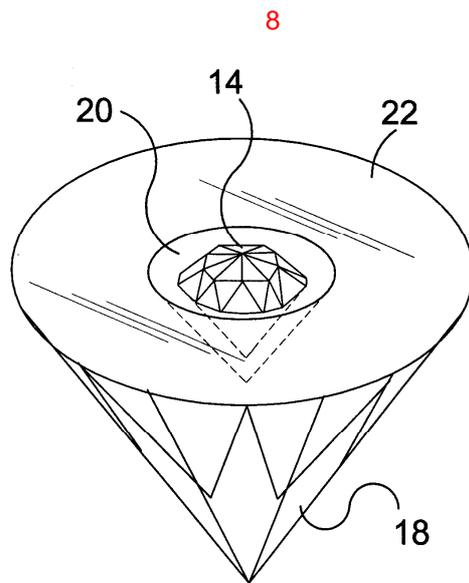
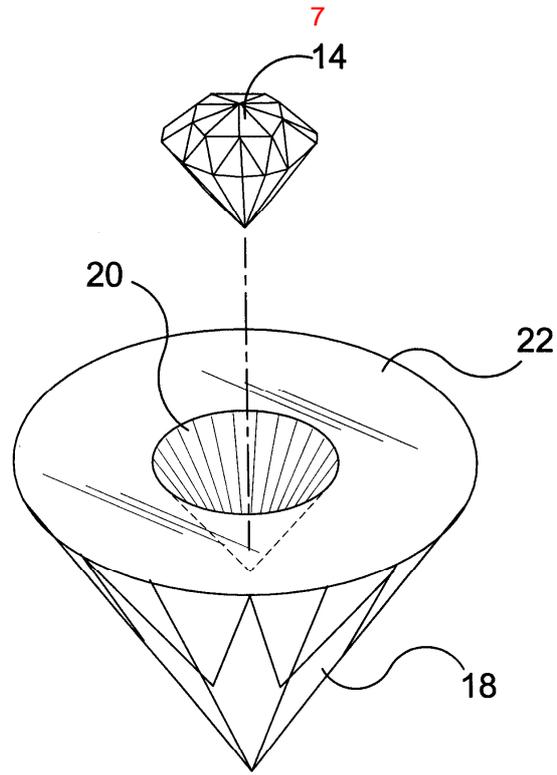
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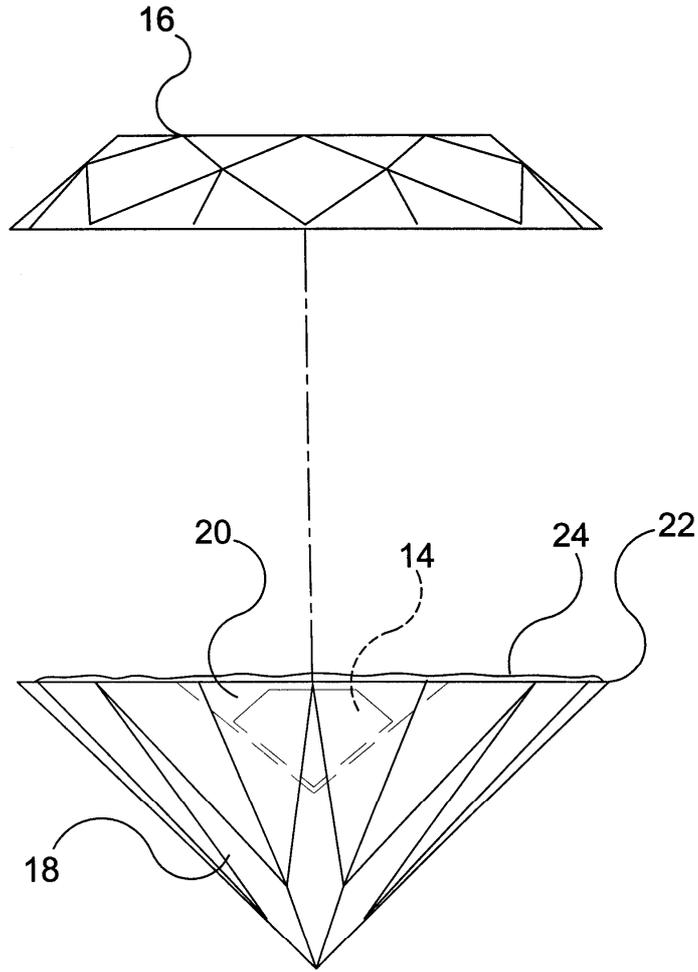
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