

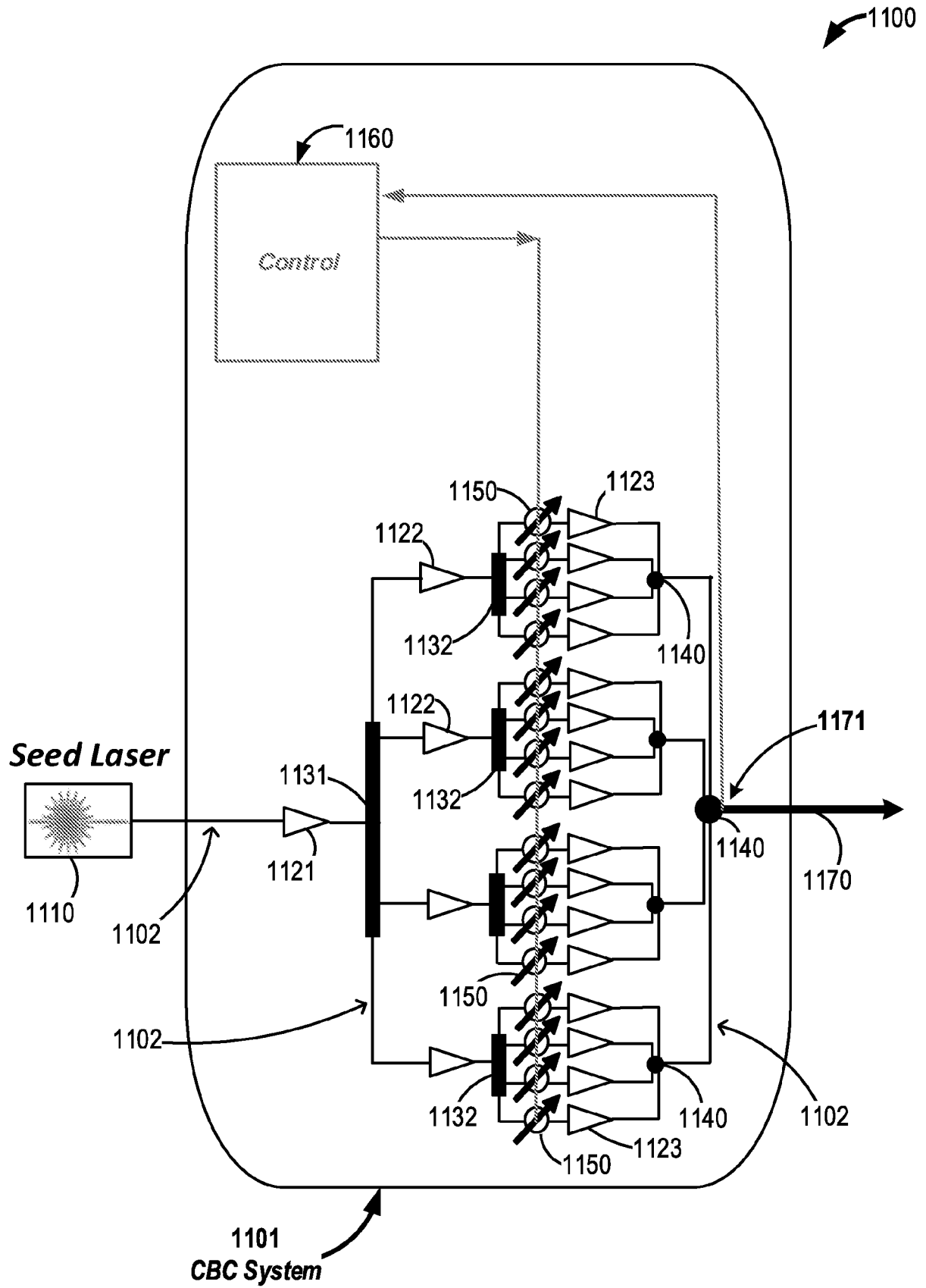


Fig. 1
Prior Art

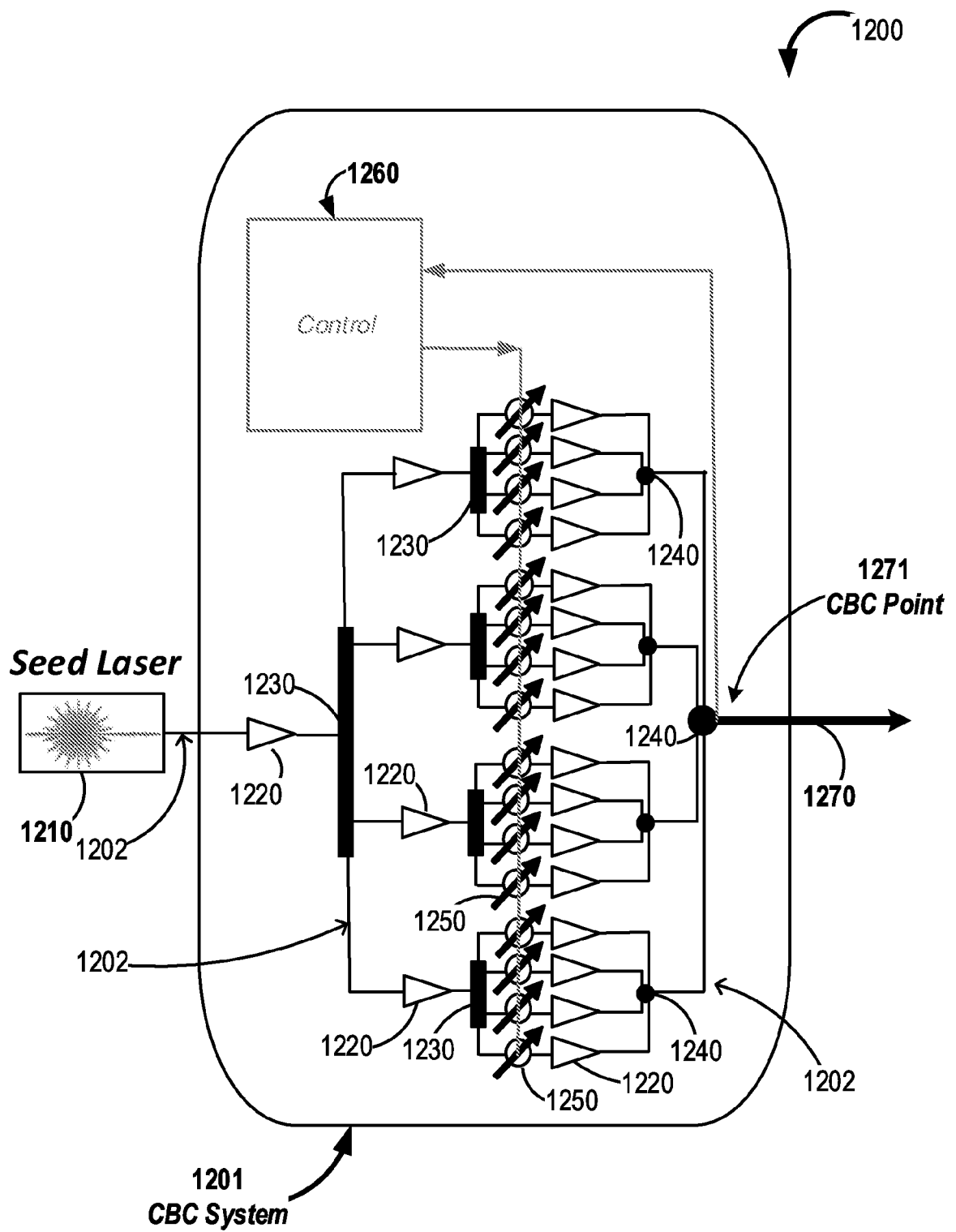


Fig. 2

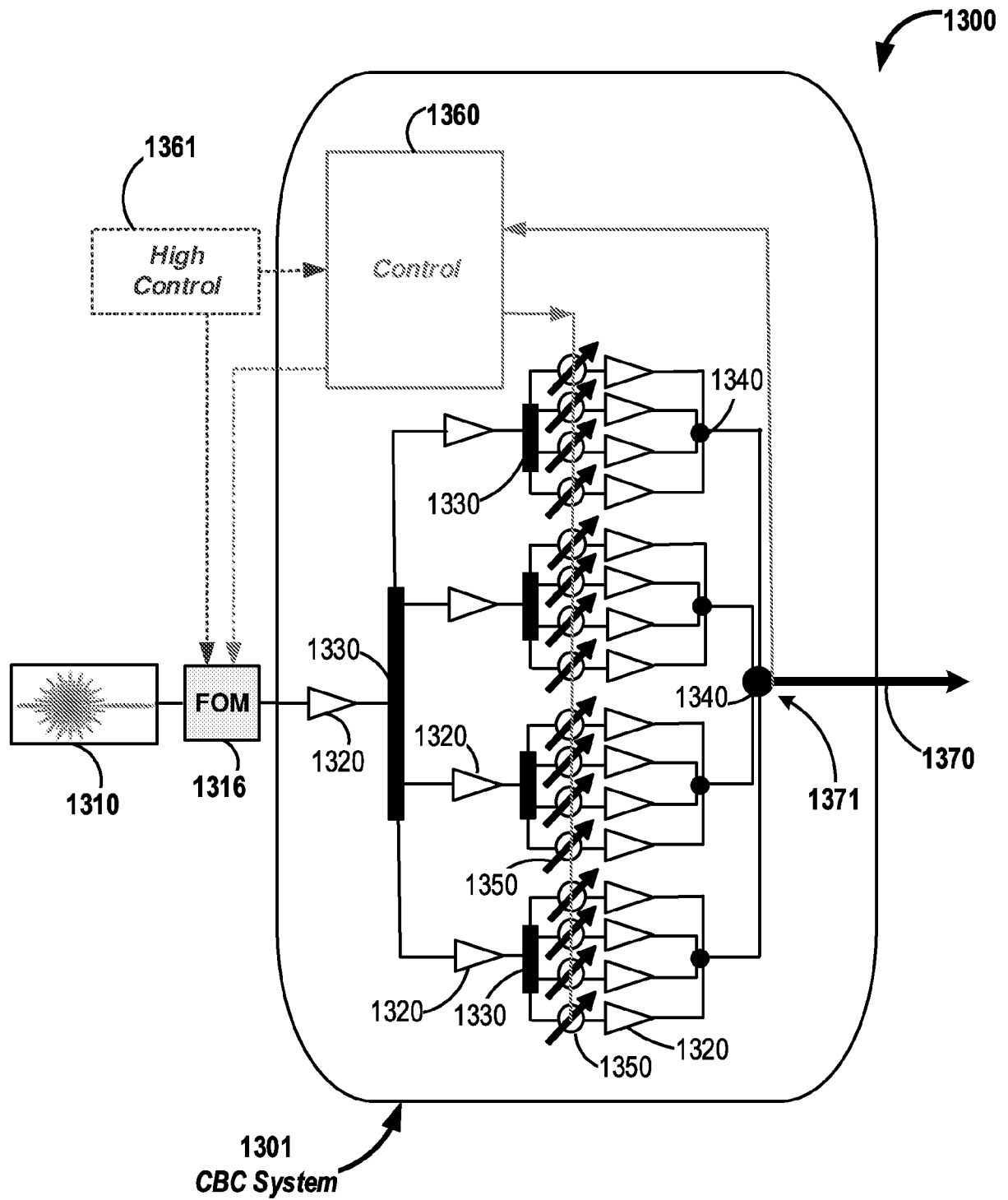


Fig. 3

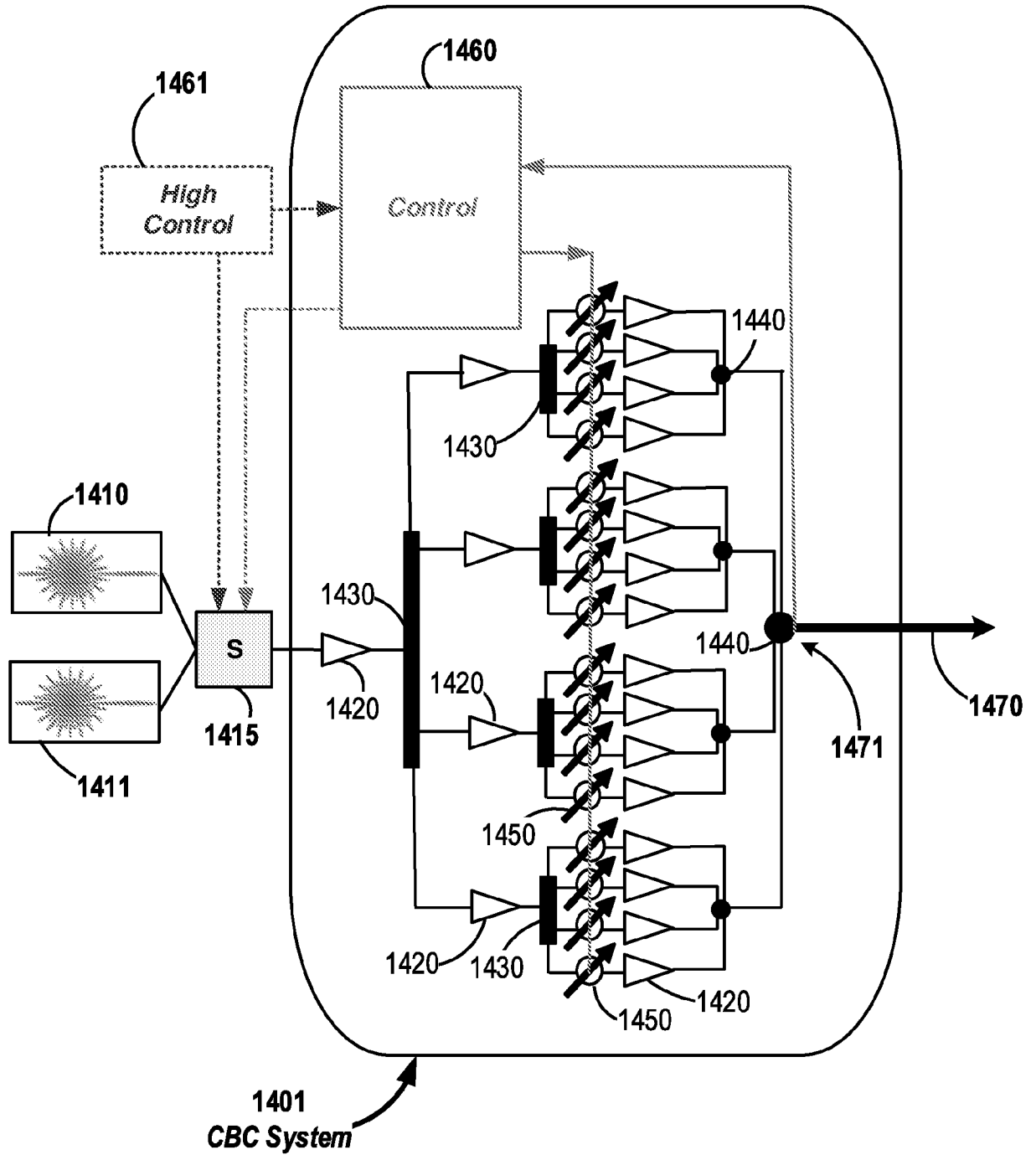


Fig. 4

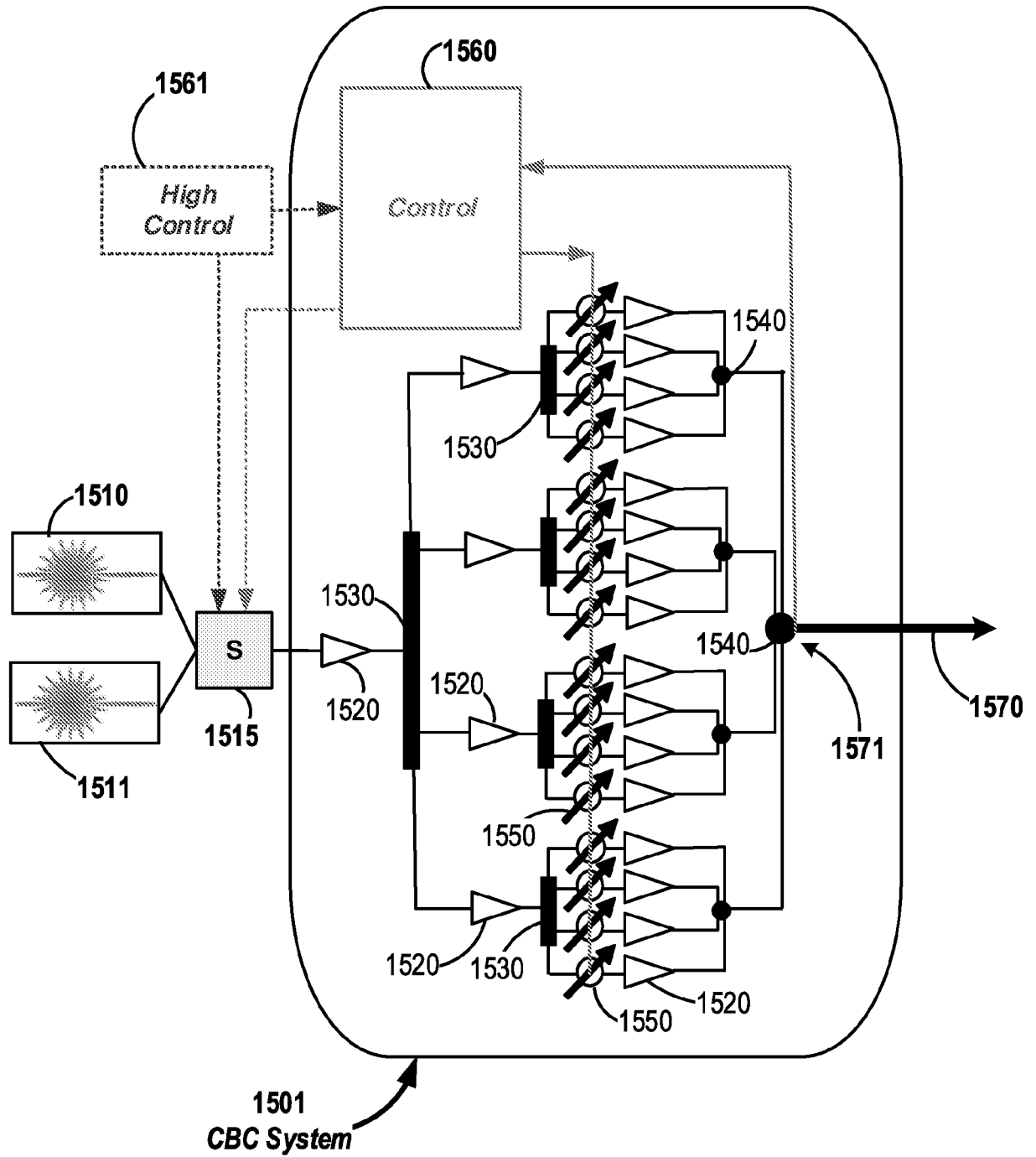


Fig. 5

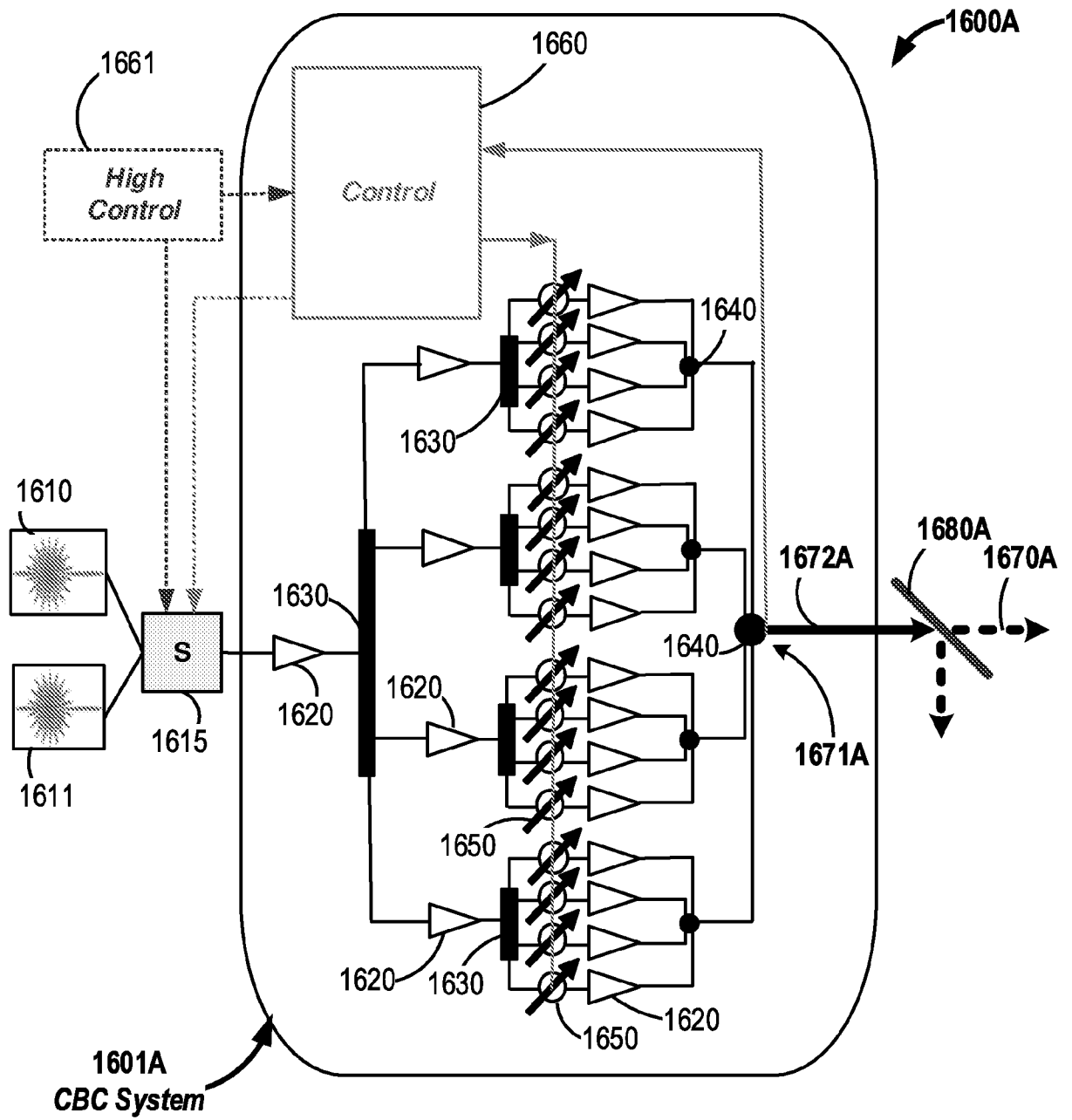


Fig. 6A

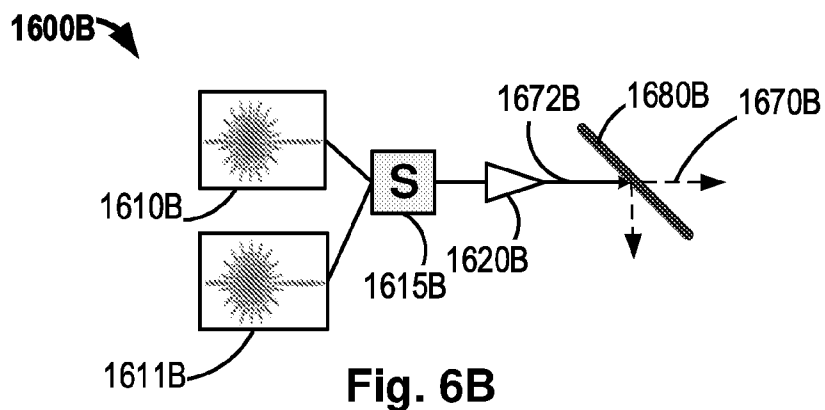
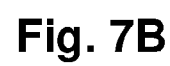
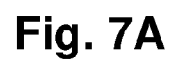


Fig. 6B



Fig. 6C



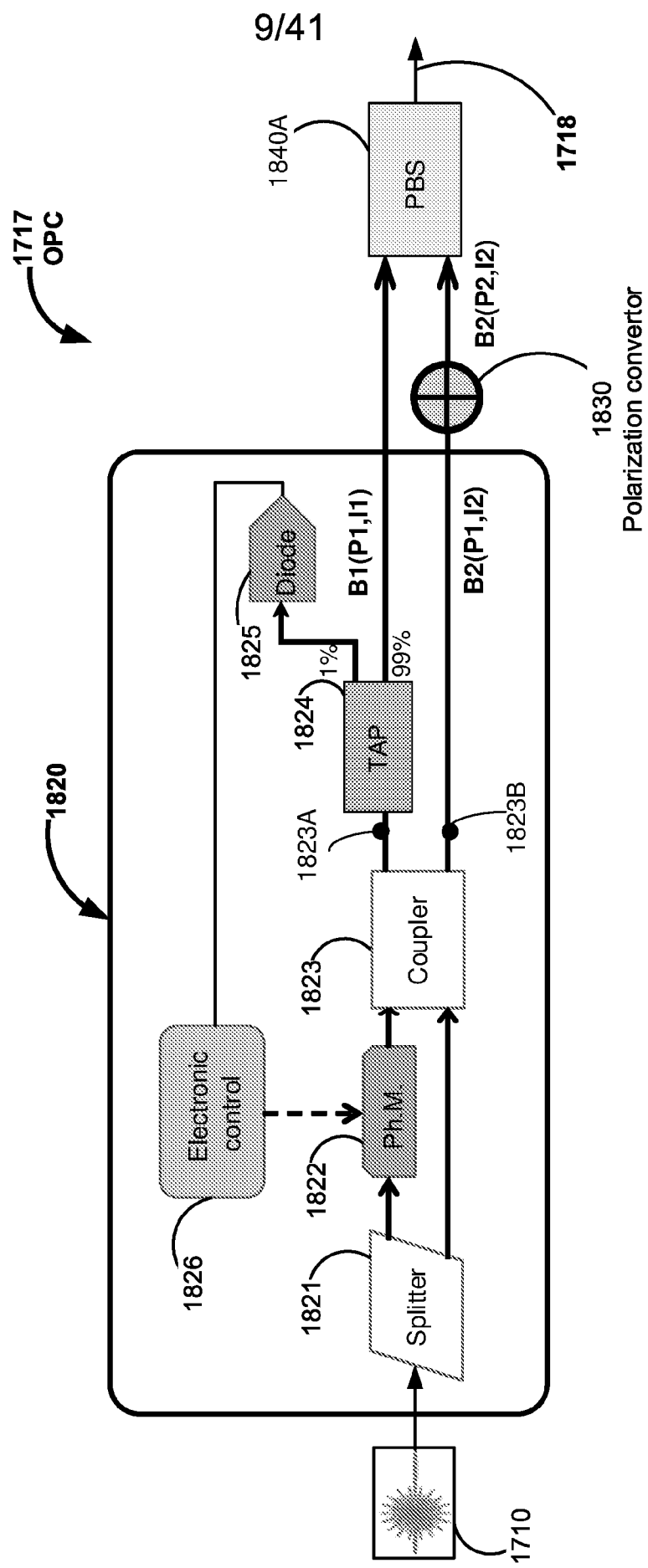


Fig. 8A

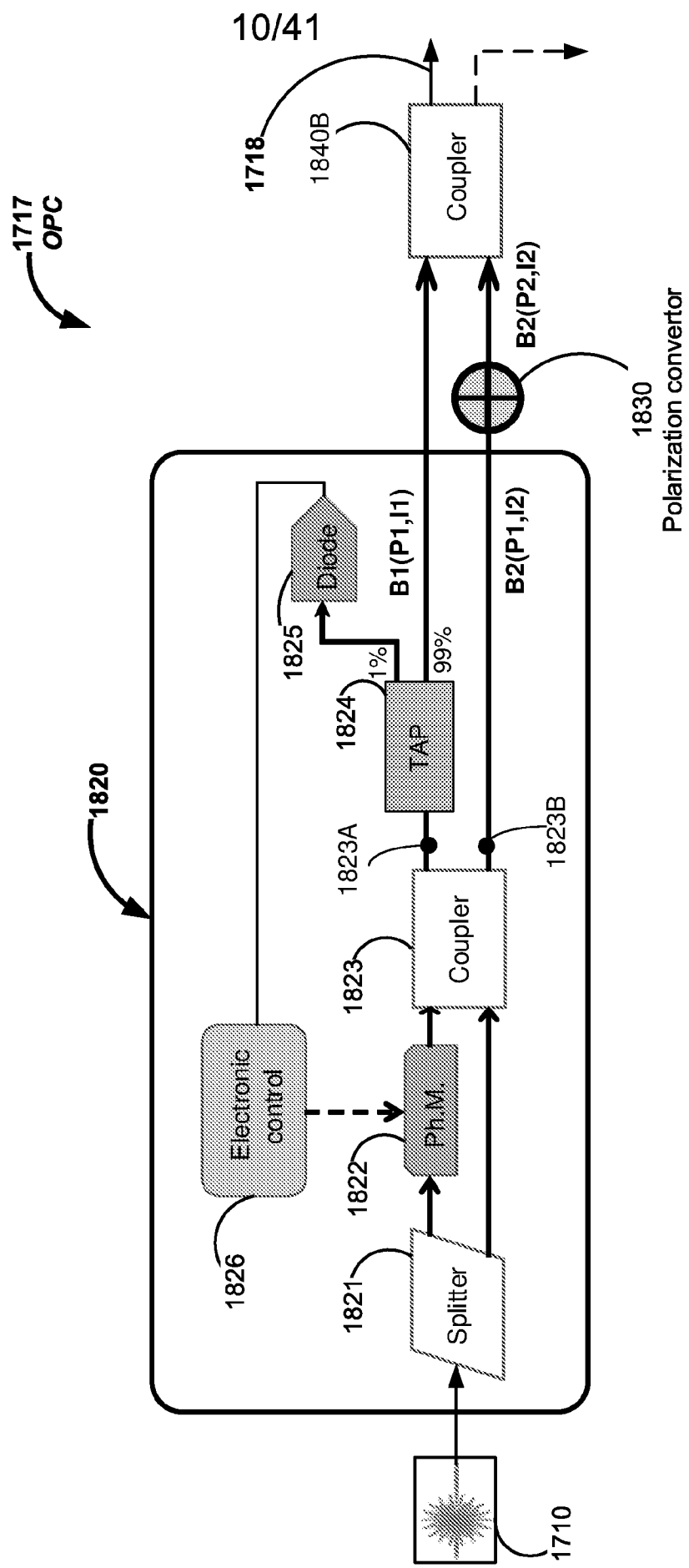


Fig. 8B

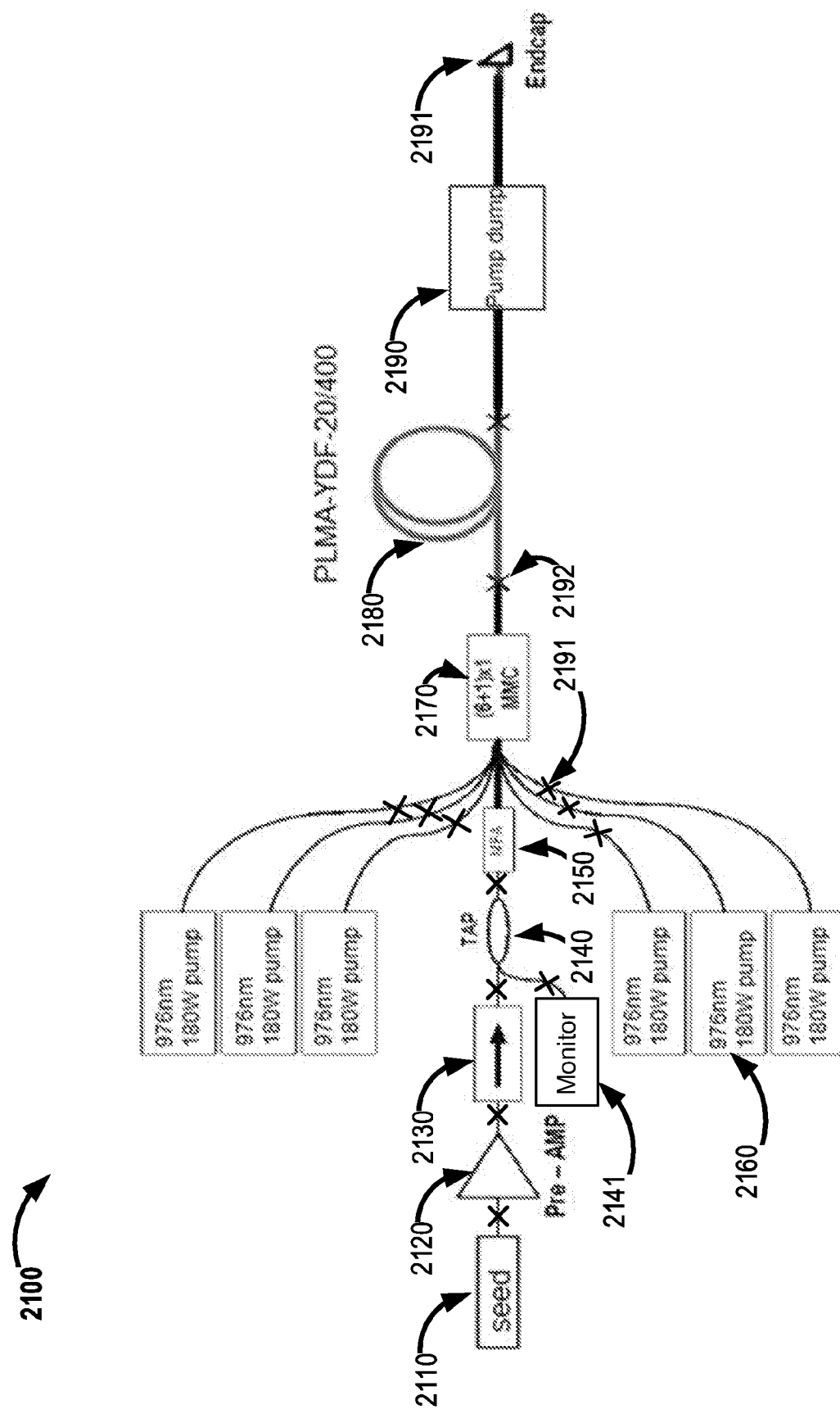


Fig. 9
Prior Art

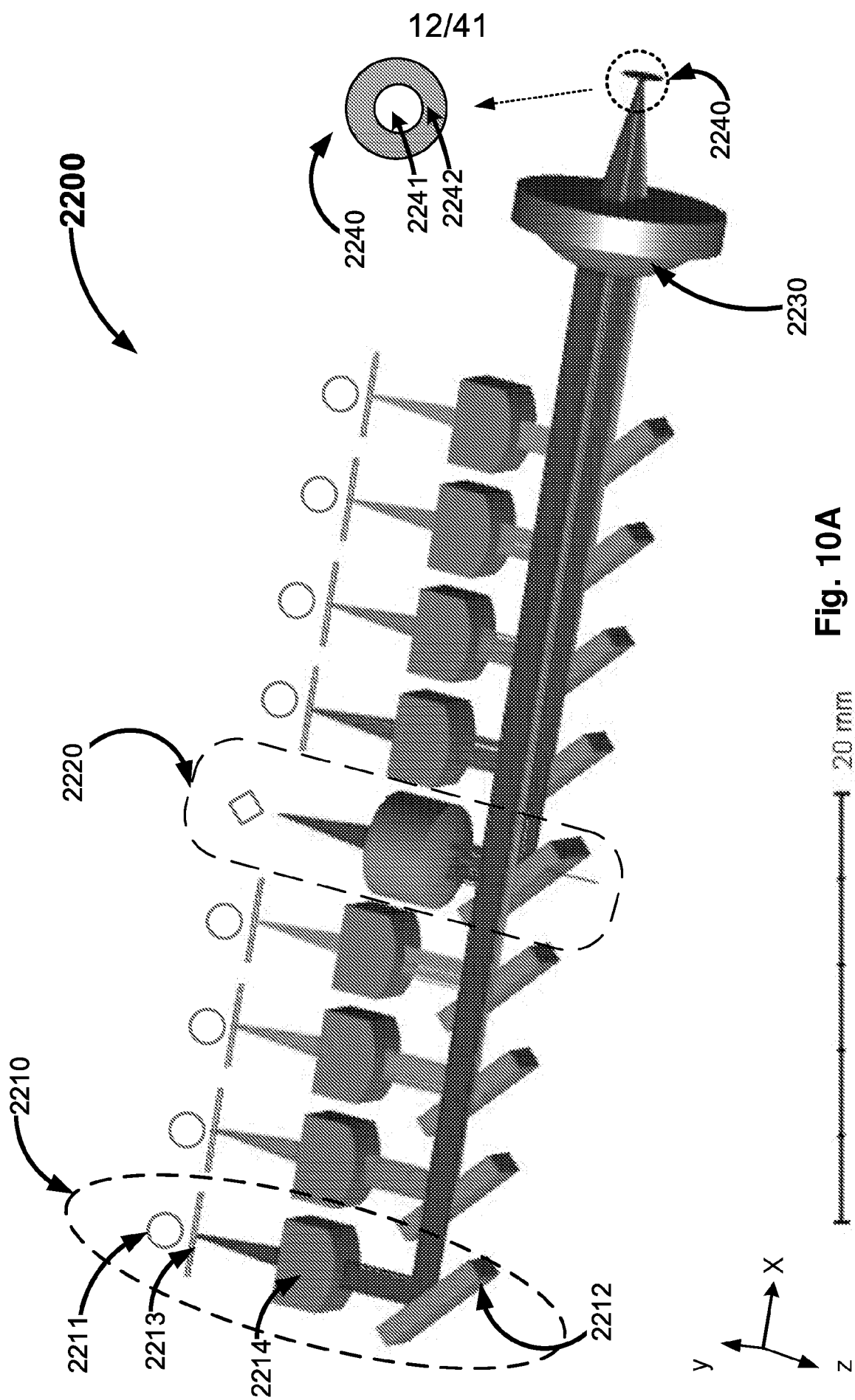


Fig. 10A

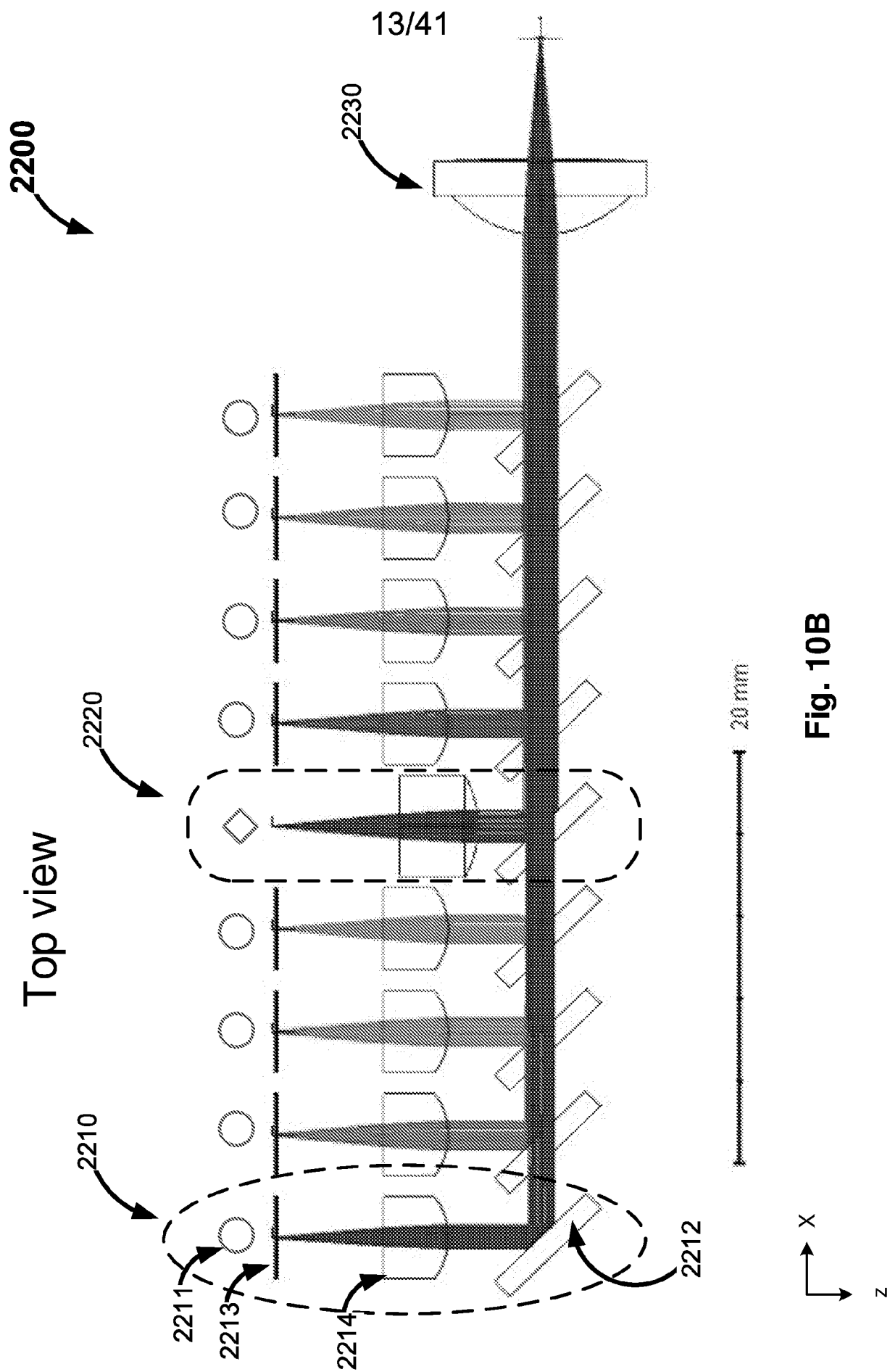


Fig. 10B

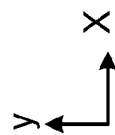
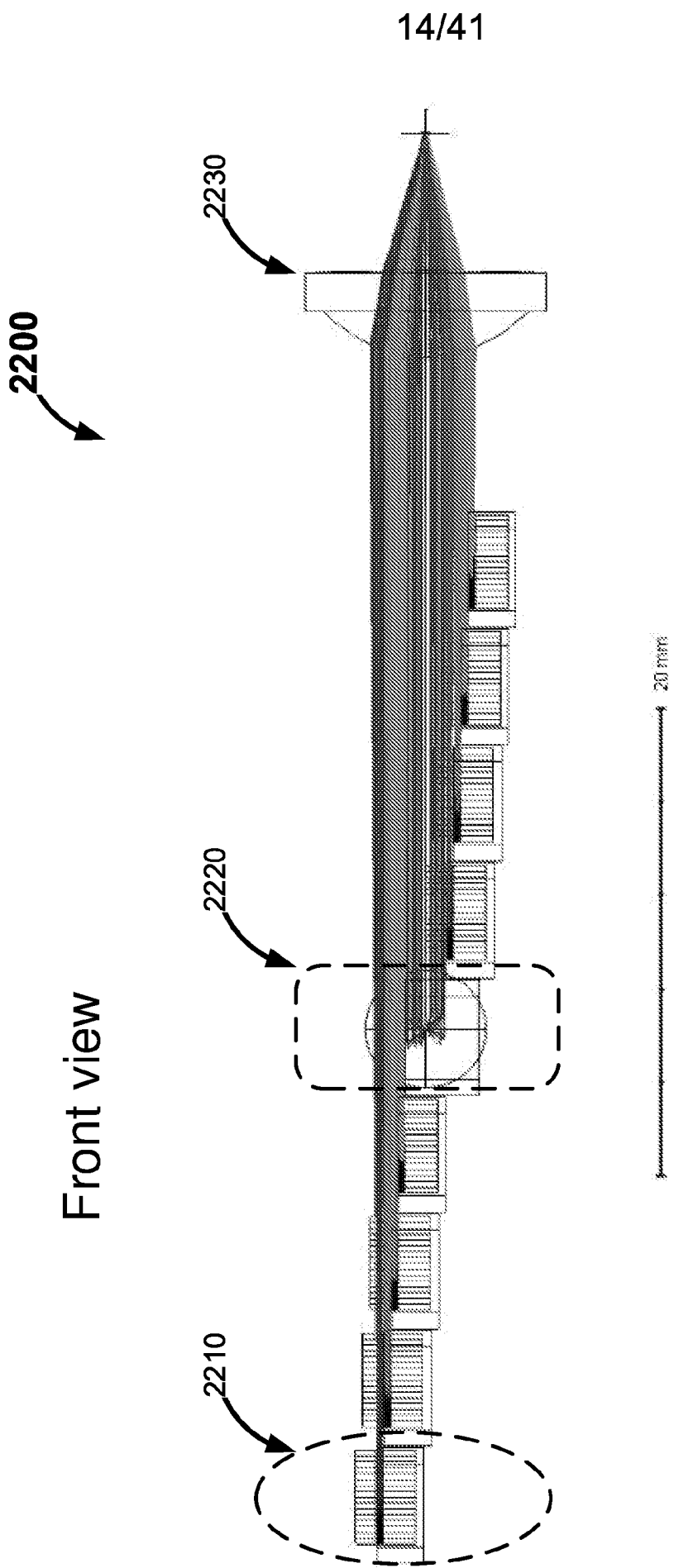


Fig. 10C

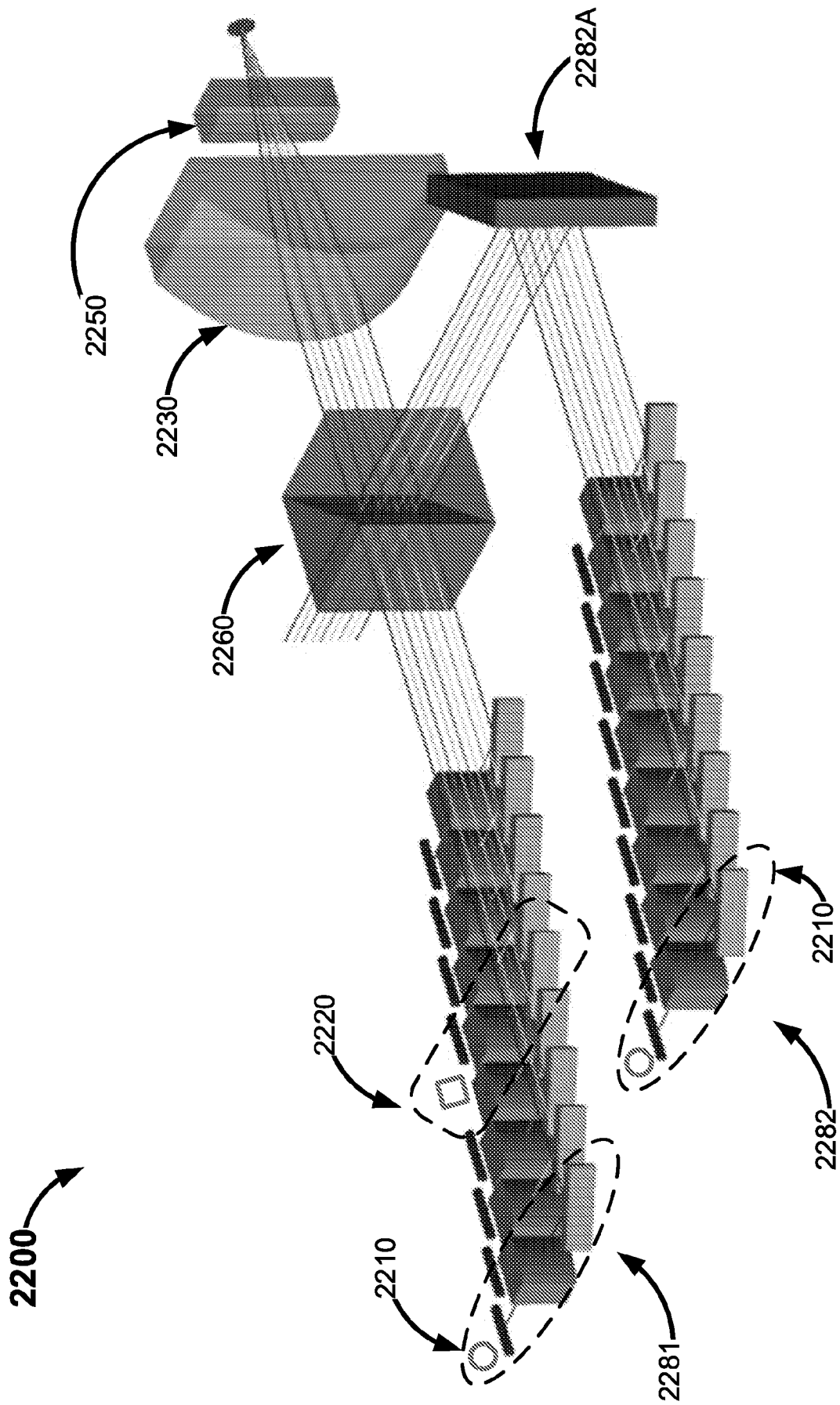


Fig. 10D

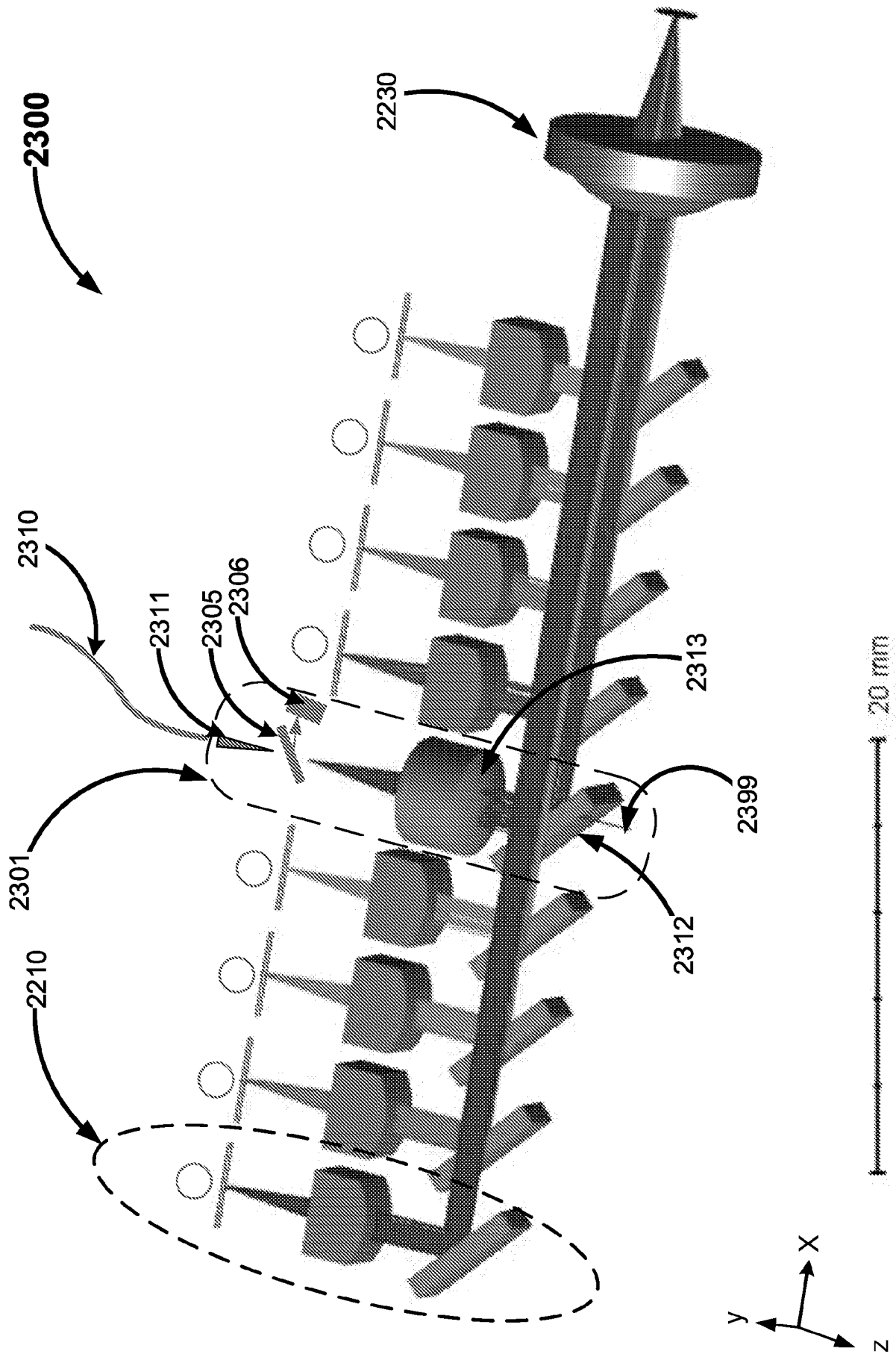


Fig. 11A

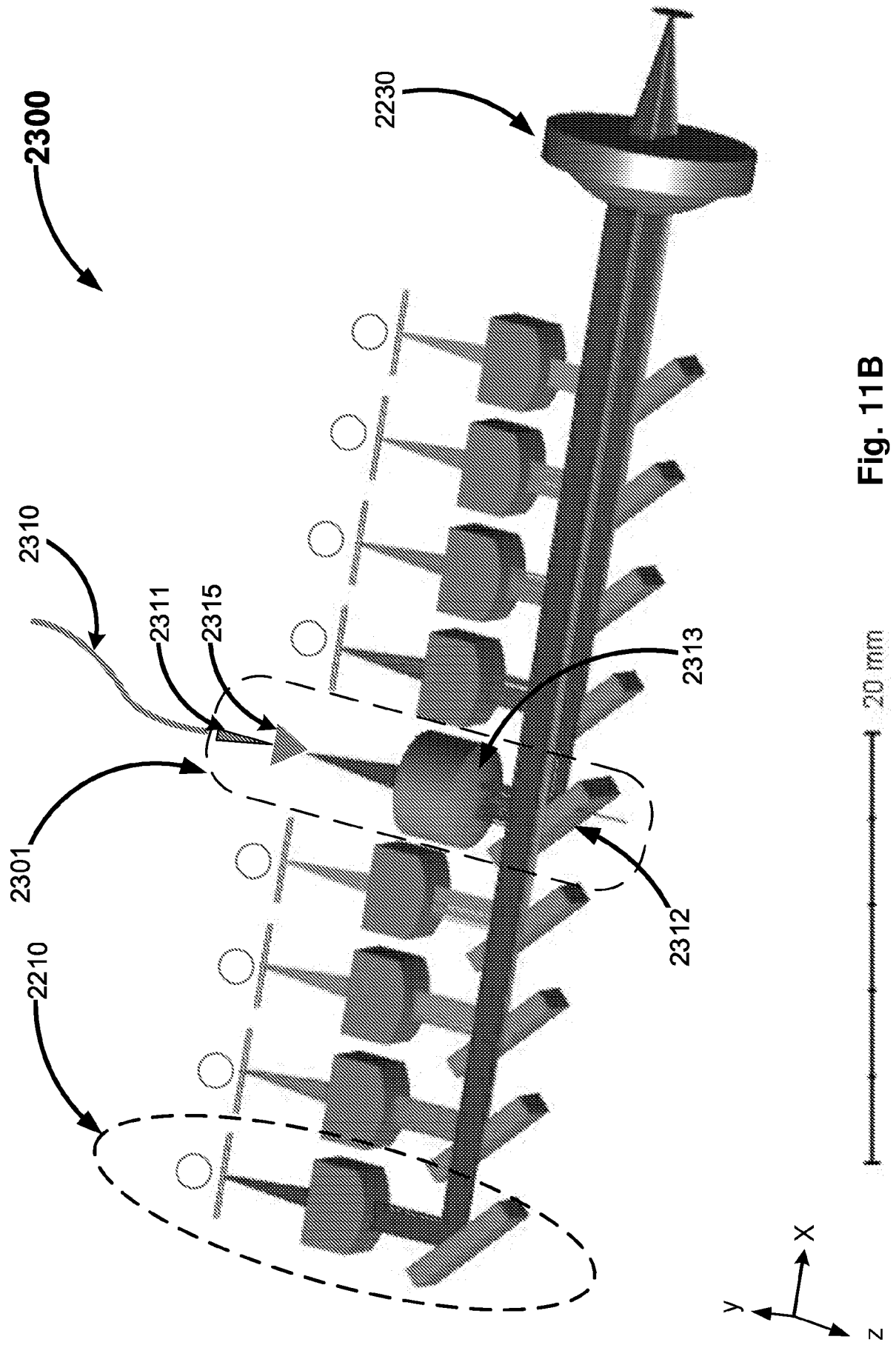


Fig. 11B

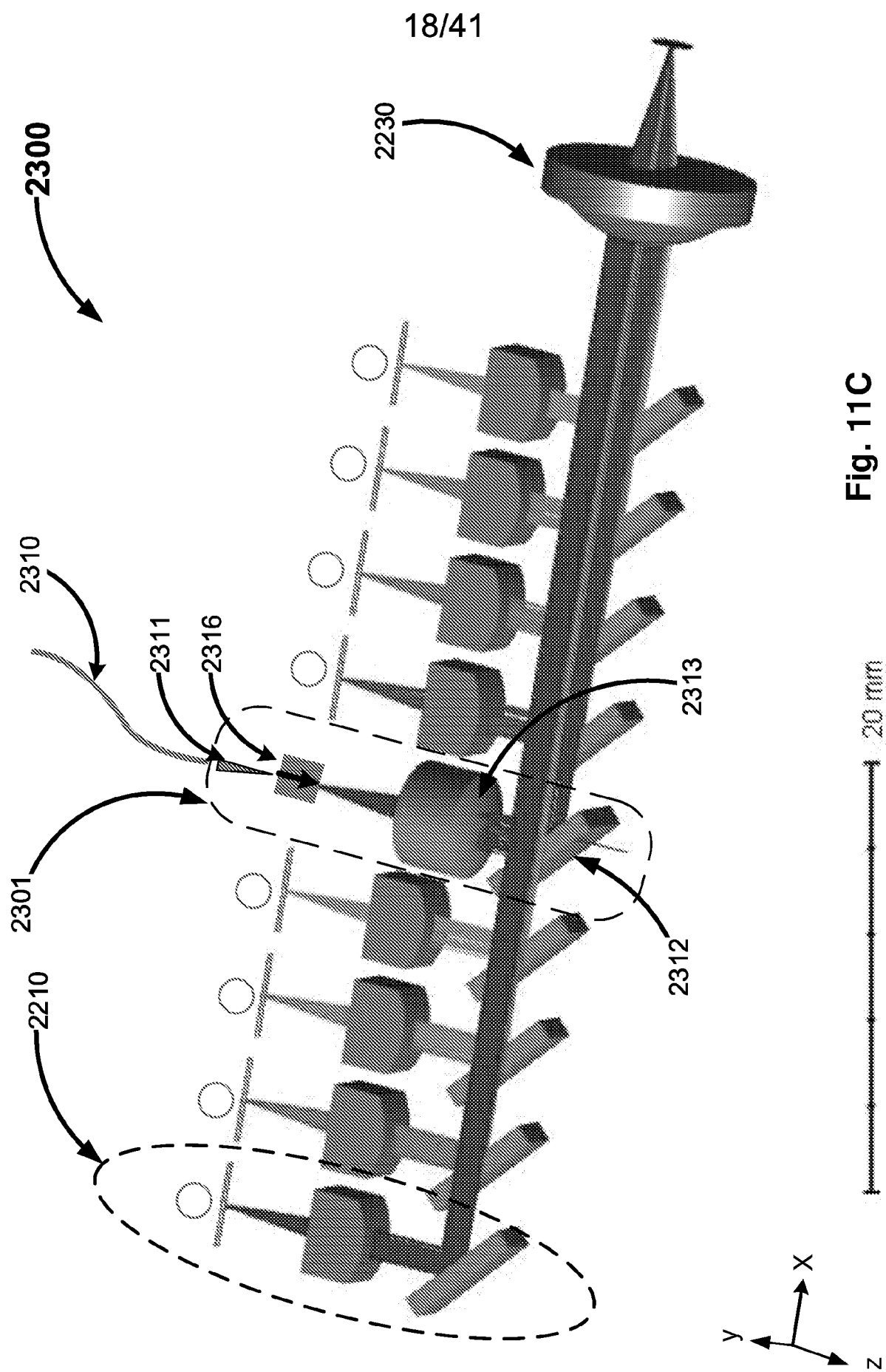


Fig. 11C

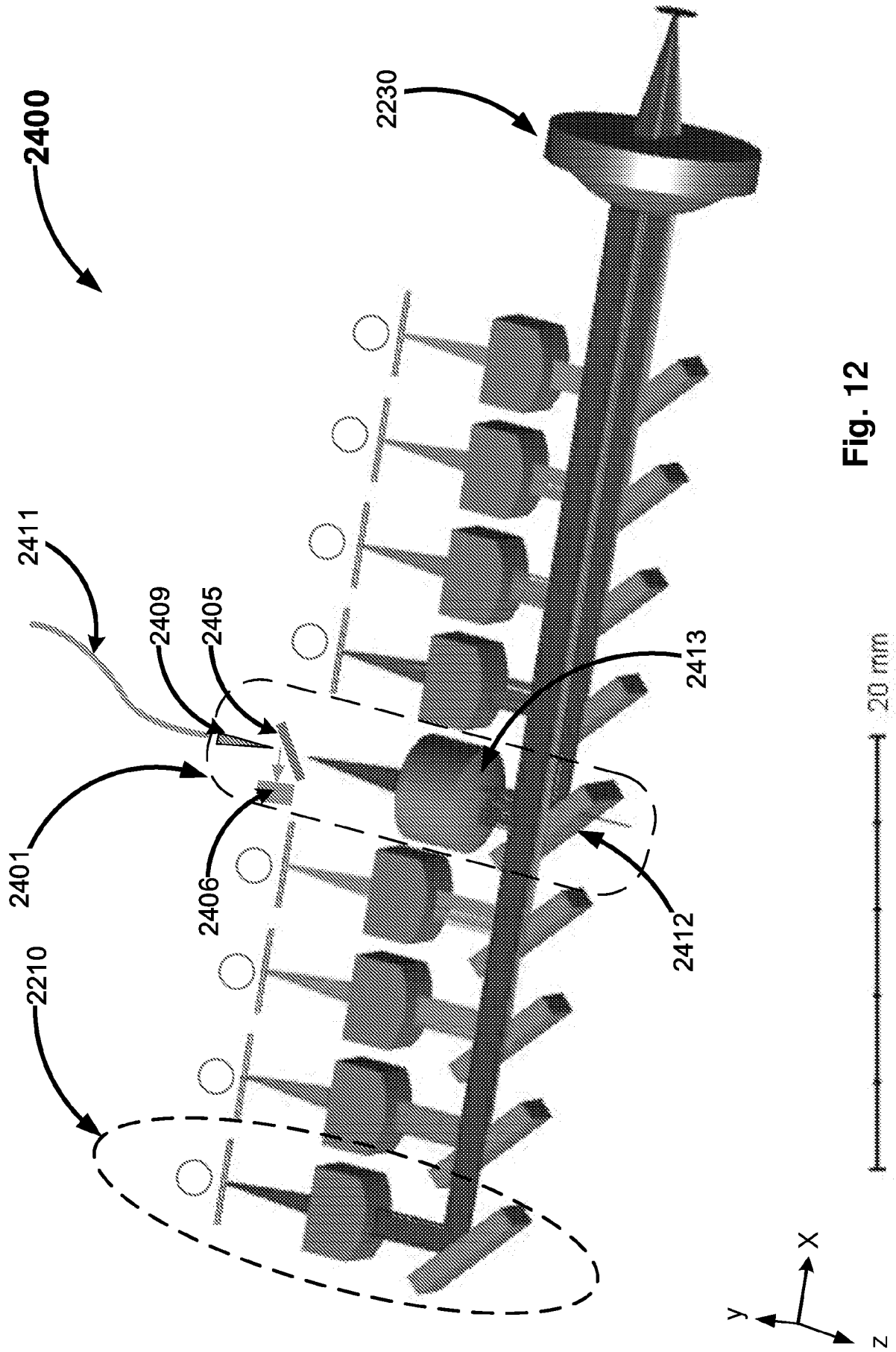
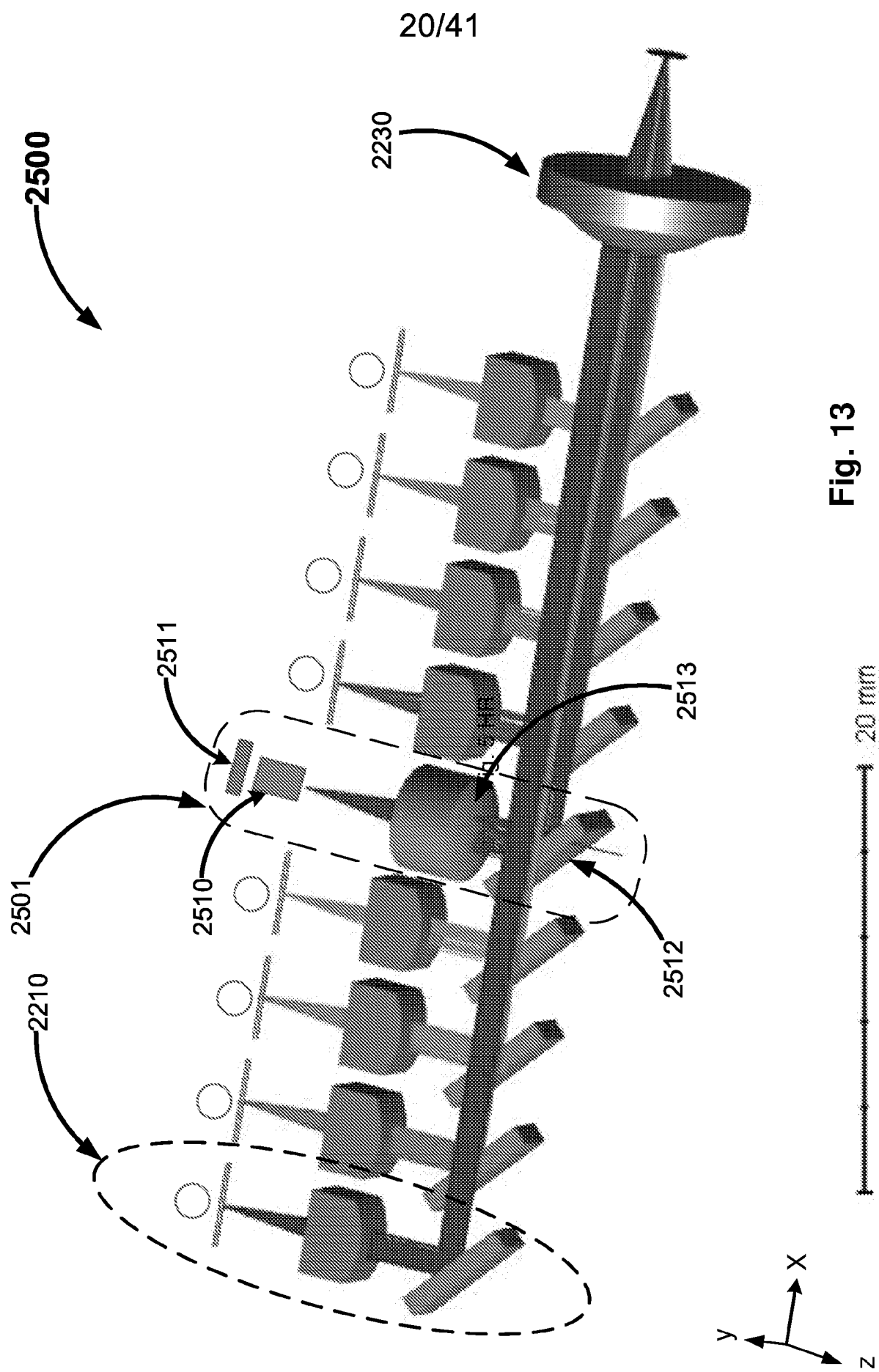


Fig. 12



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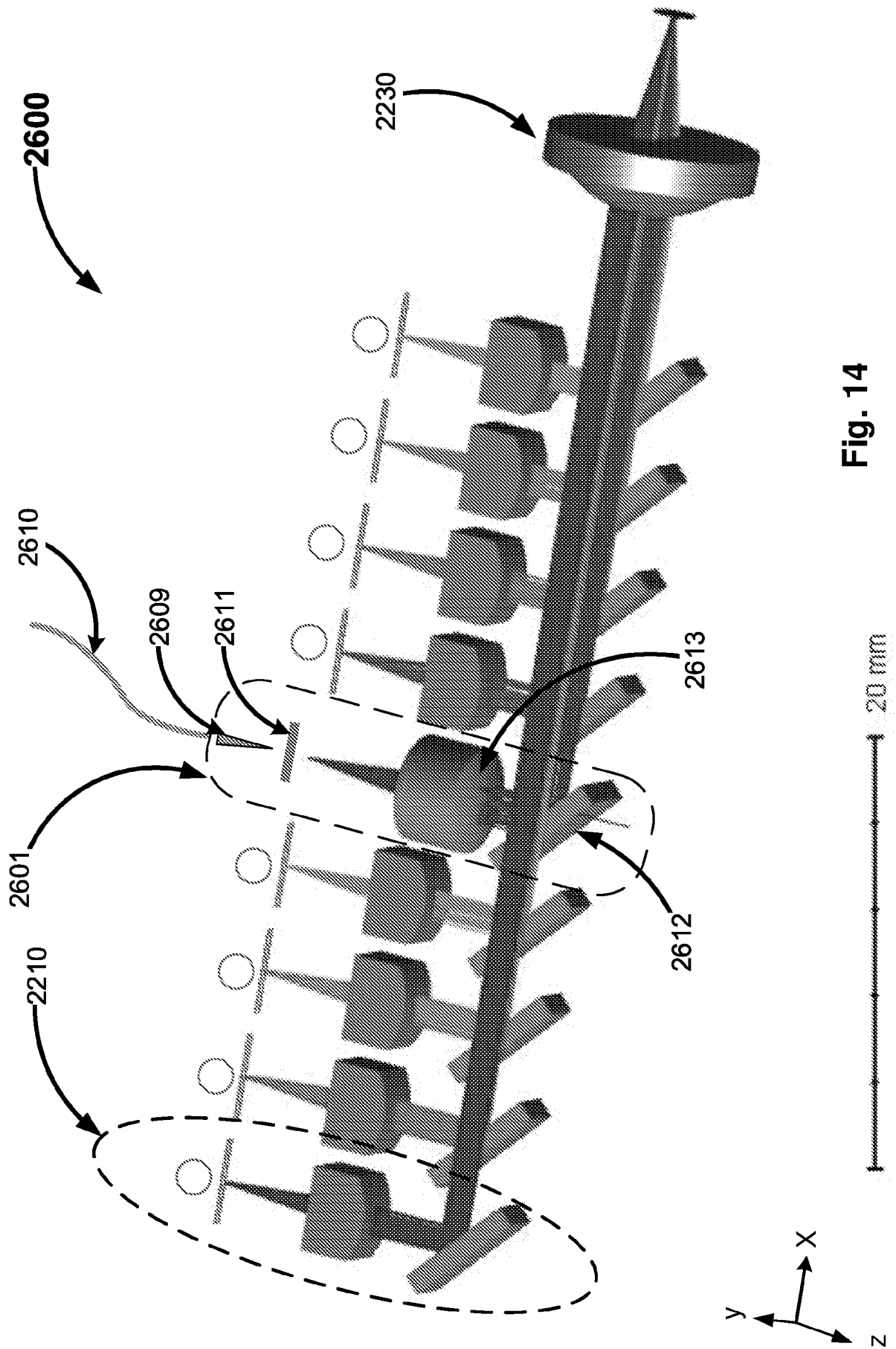


Fig. 14

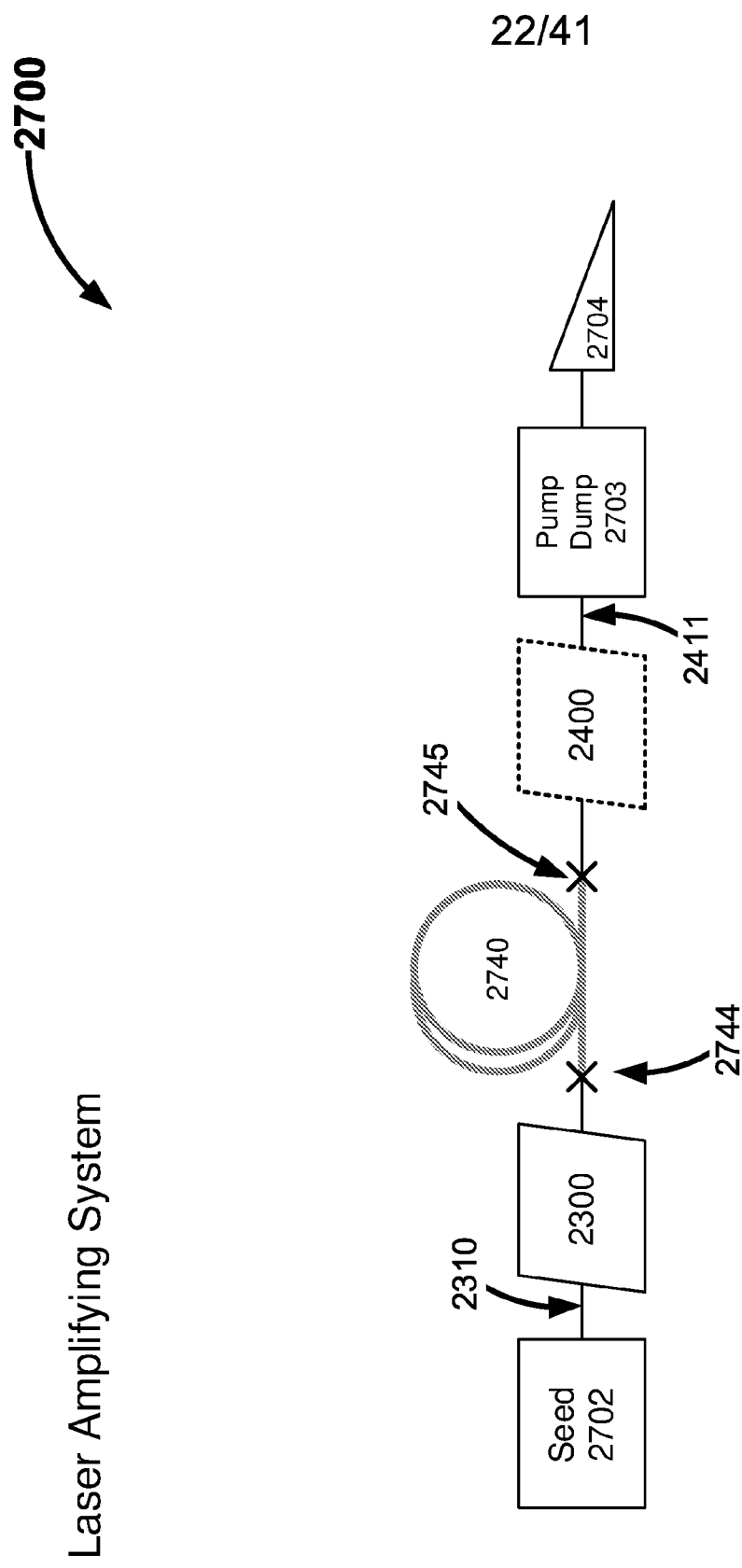


Fig. 15

Fiber Laser Systems

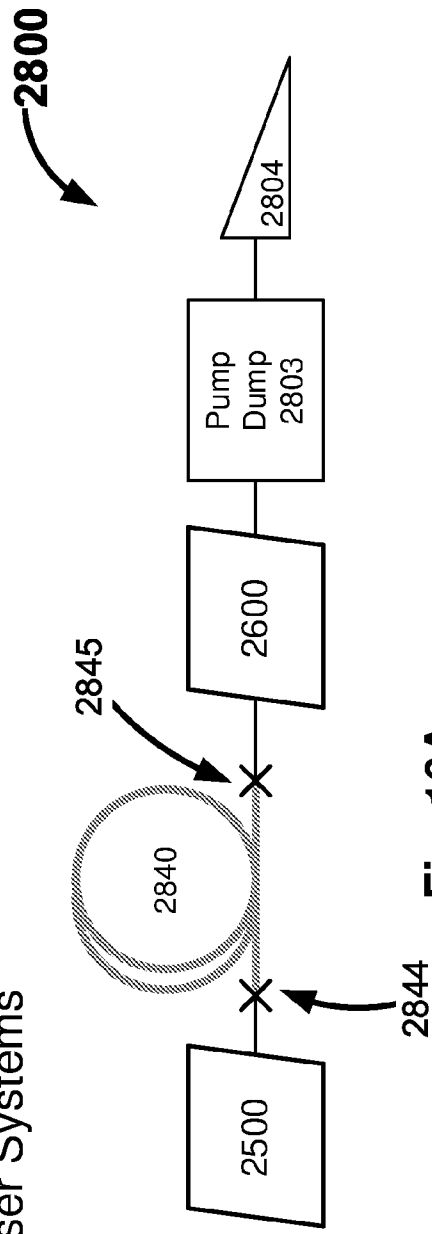


Fig. 16A

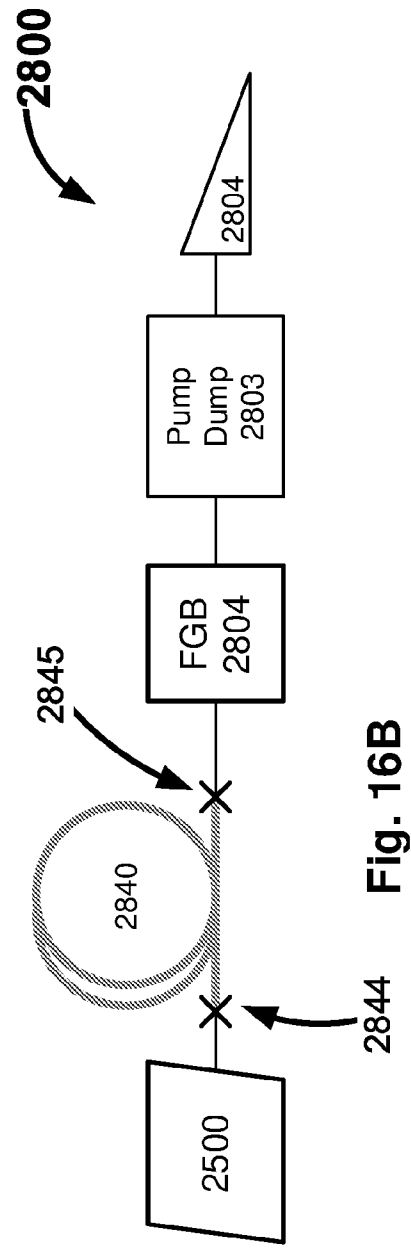


Fig. 16B

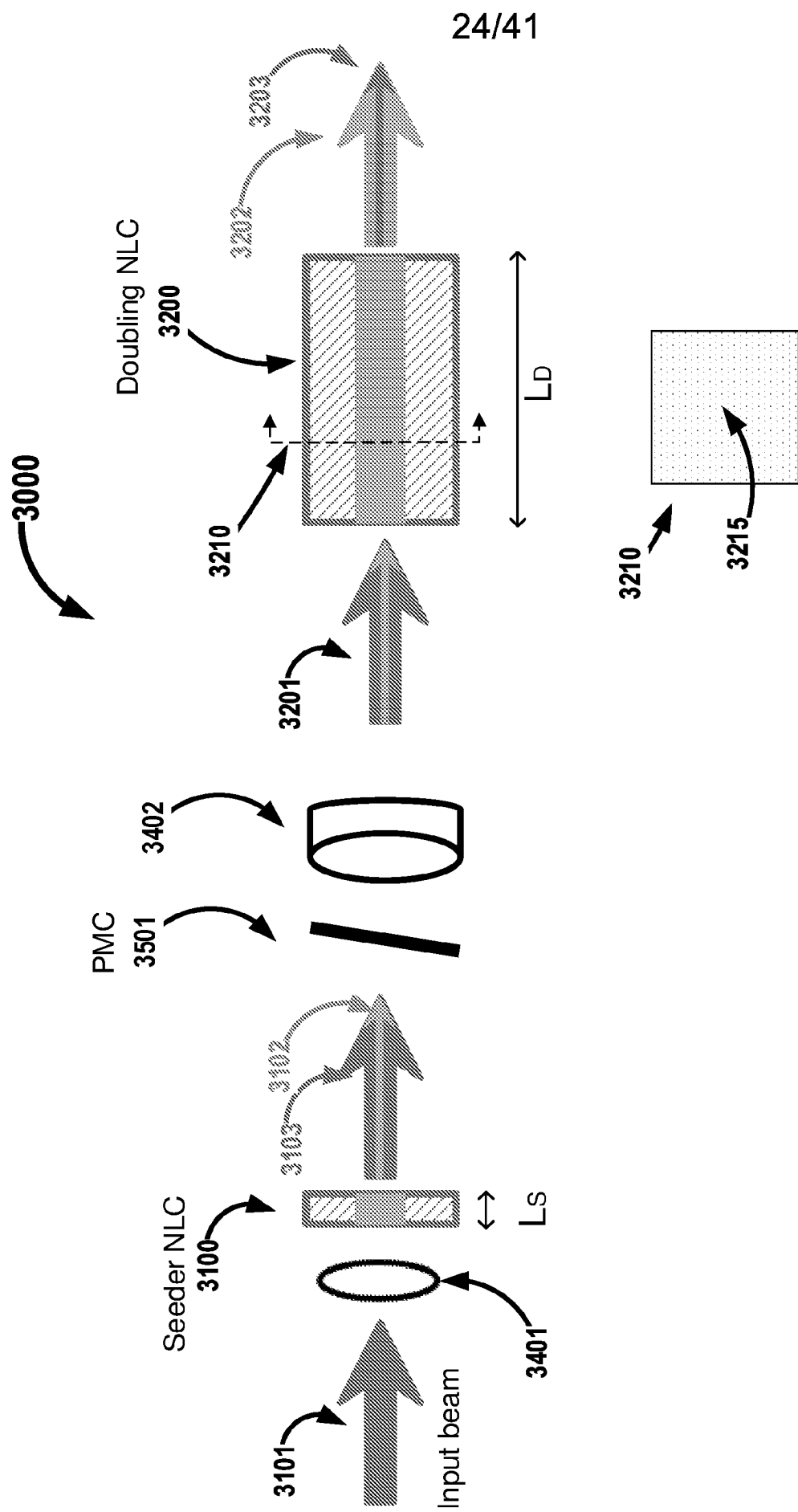


Fig. 17A

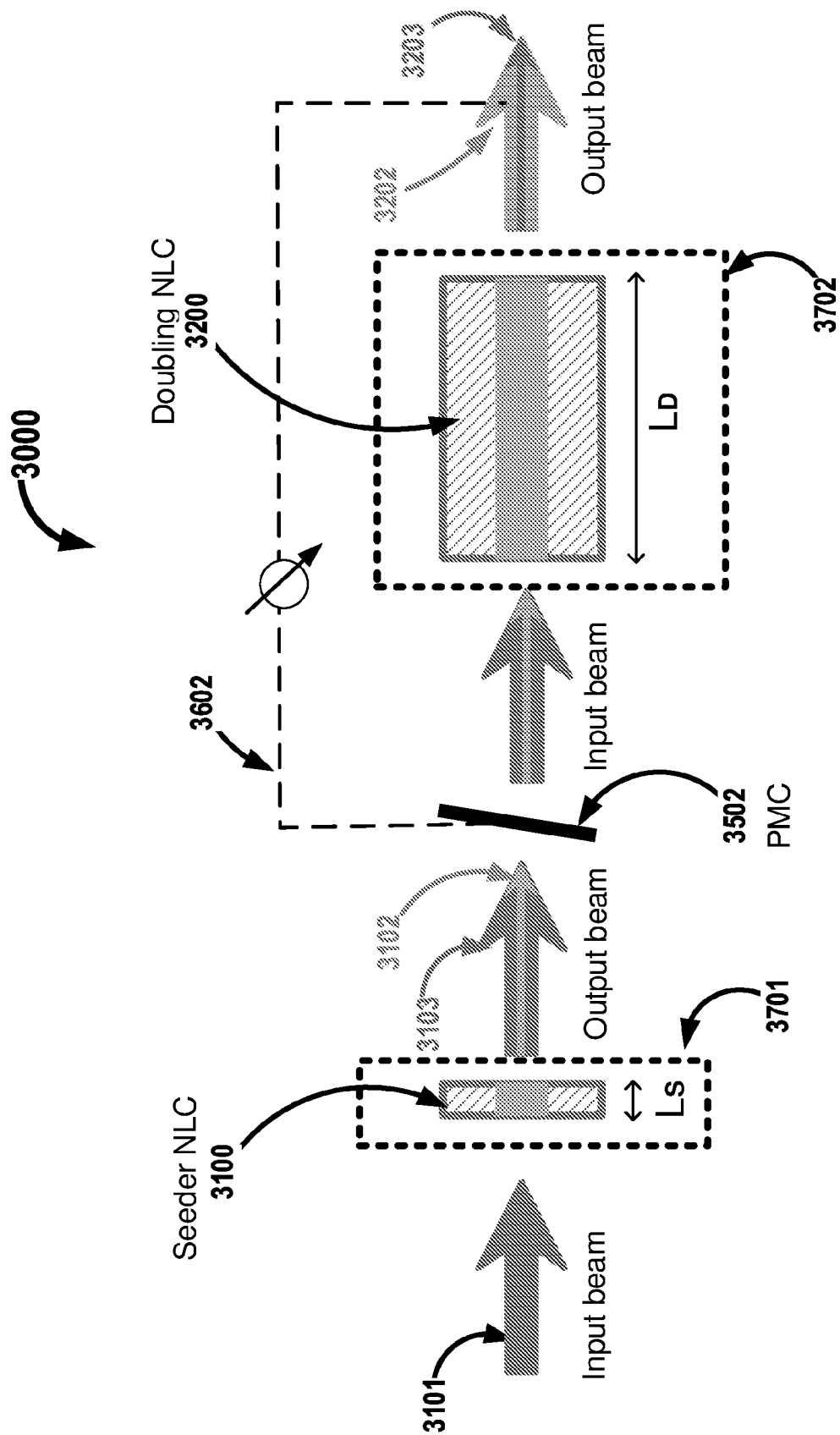


Fig. 17B

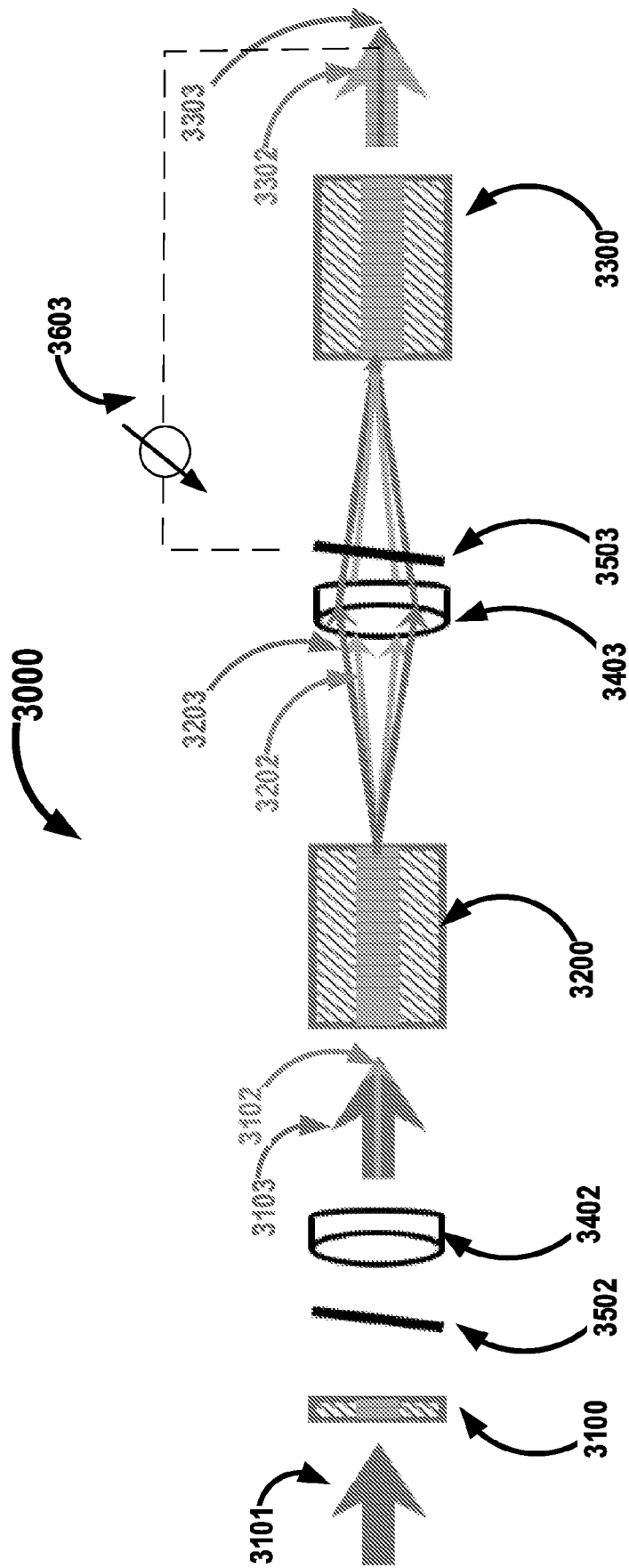
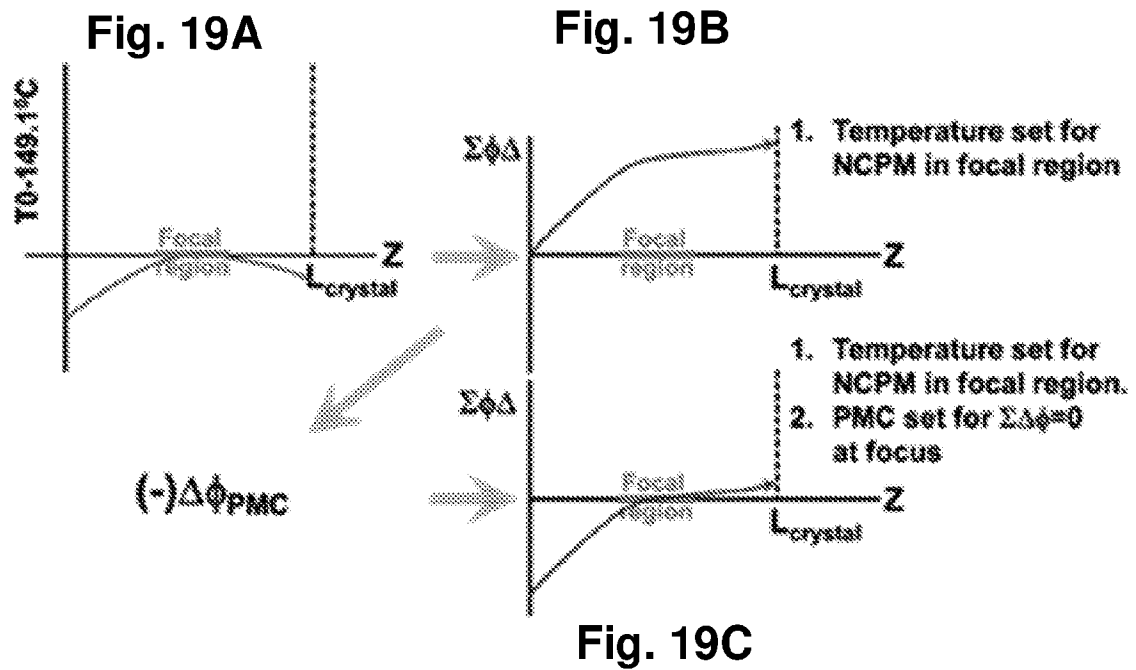
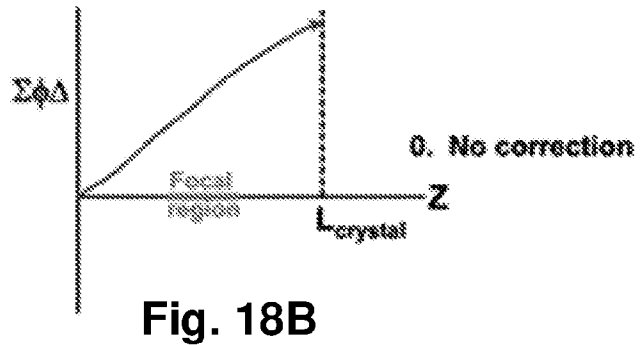
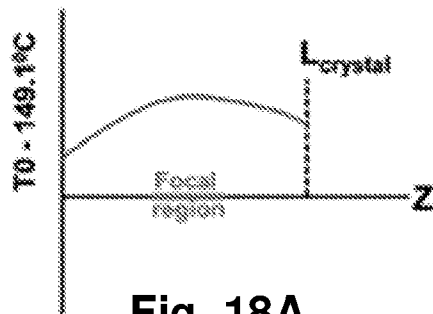


Fig. 17C



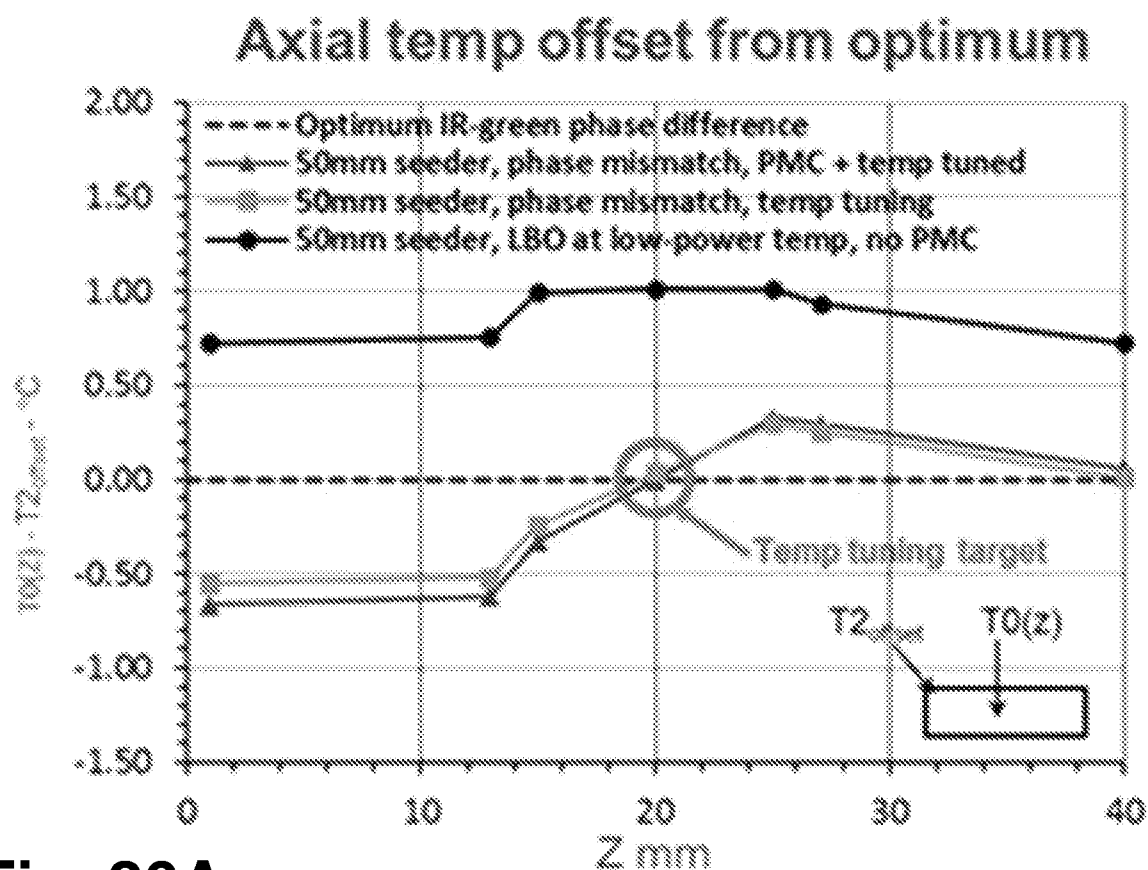


Fig. 20A

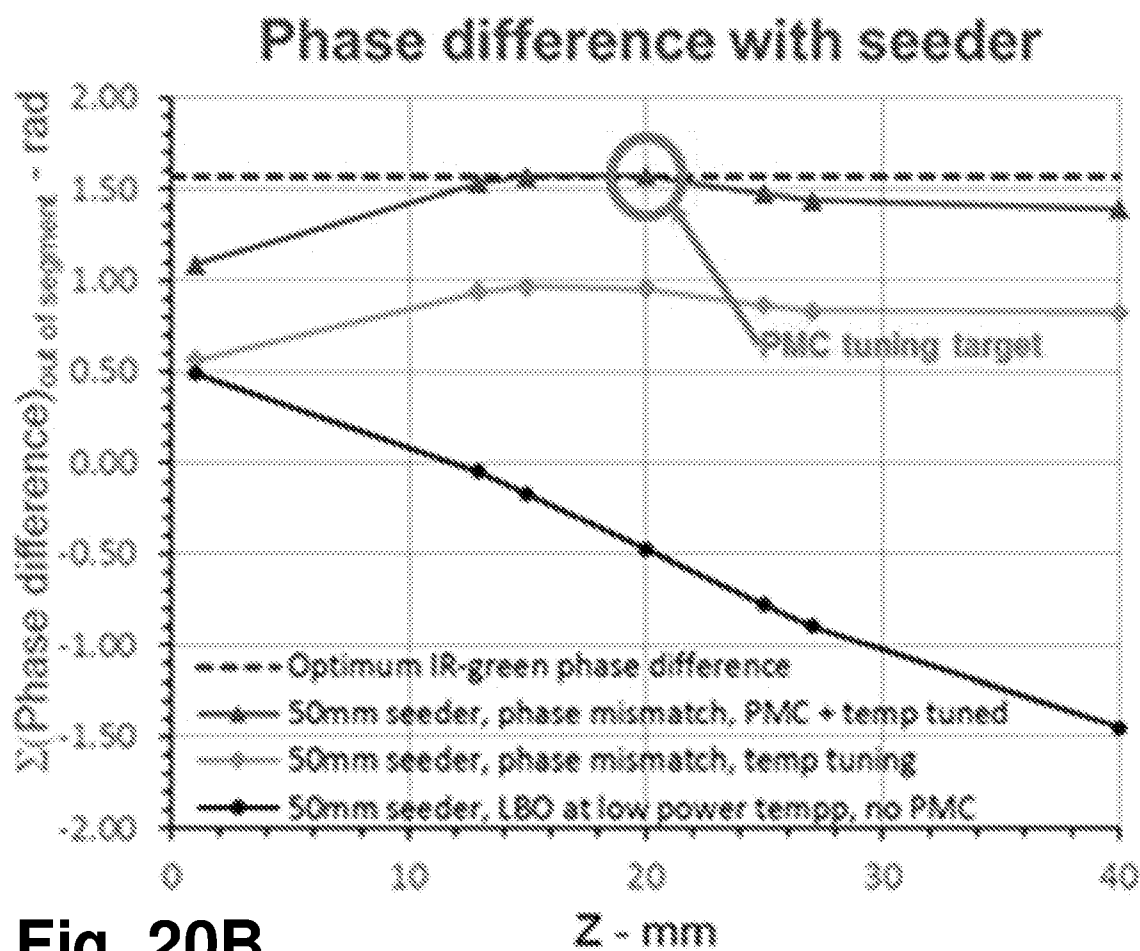
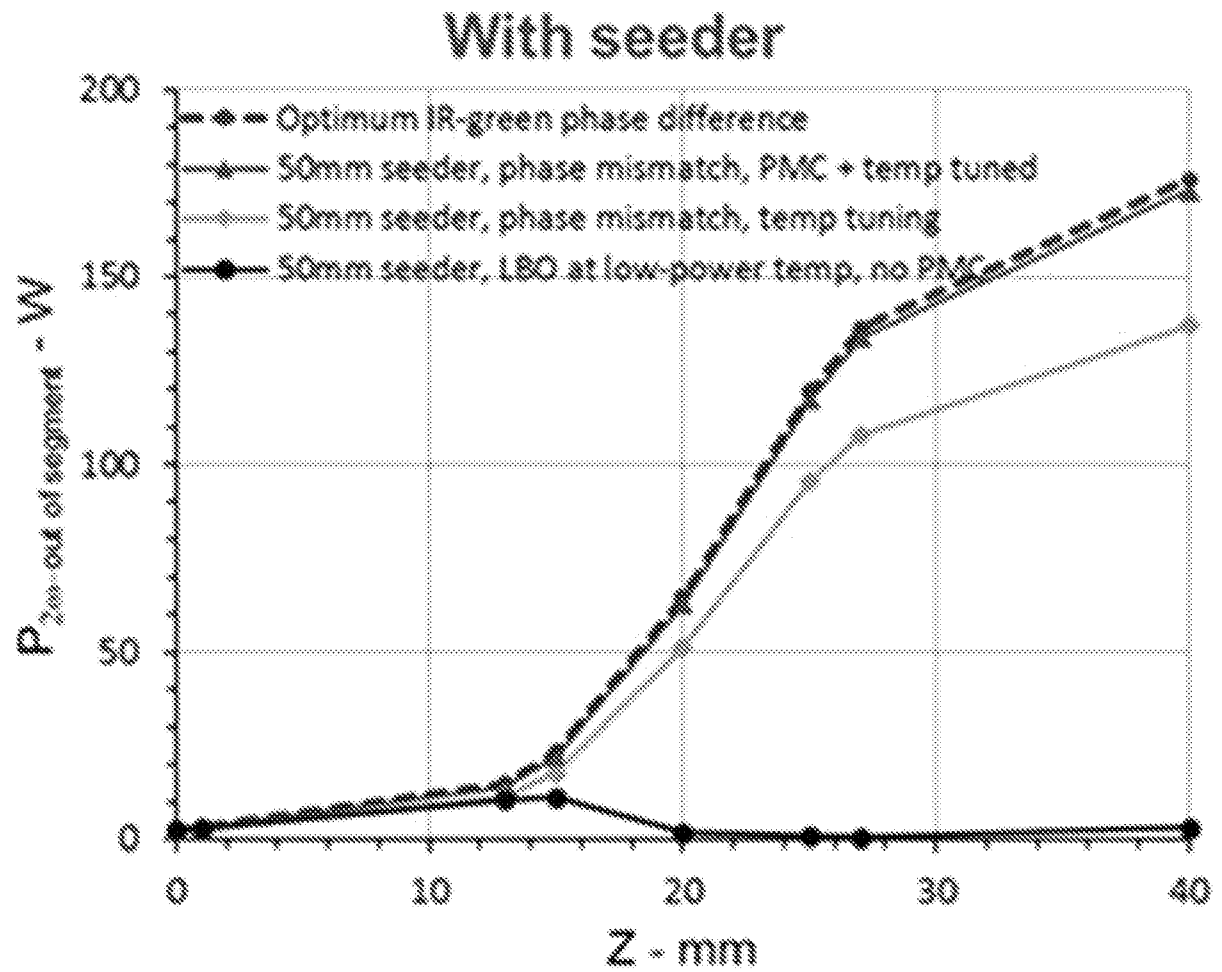
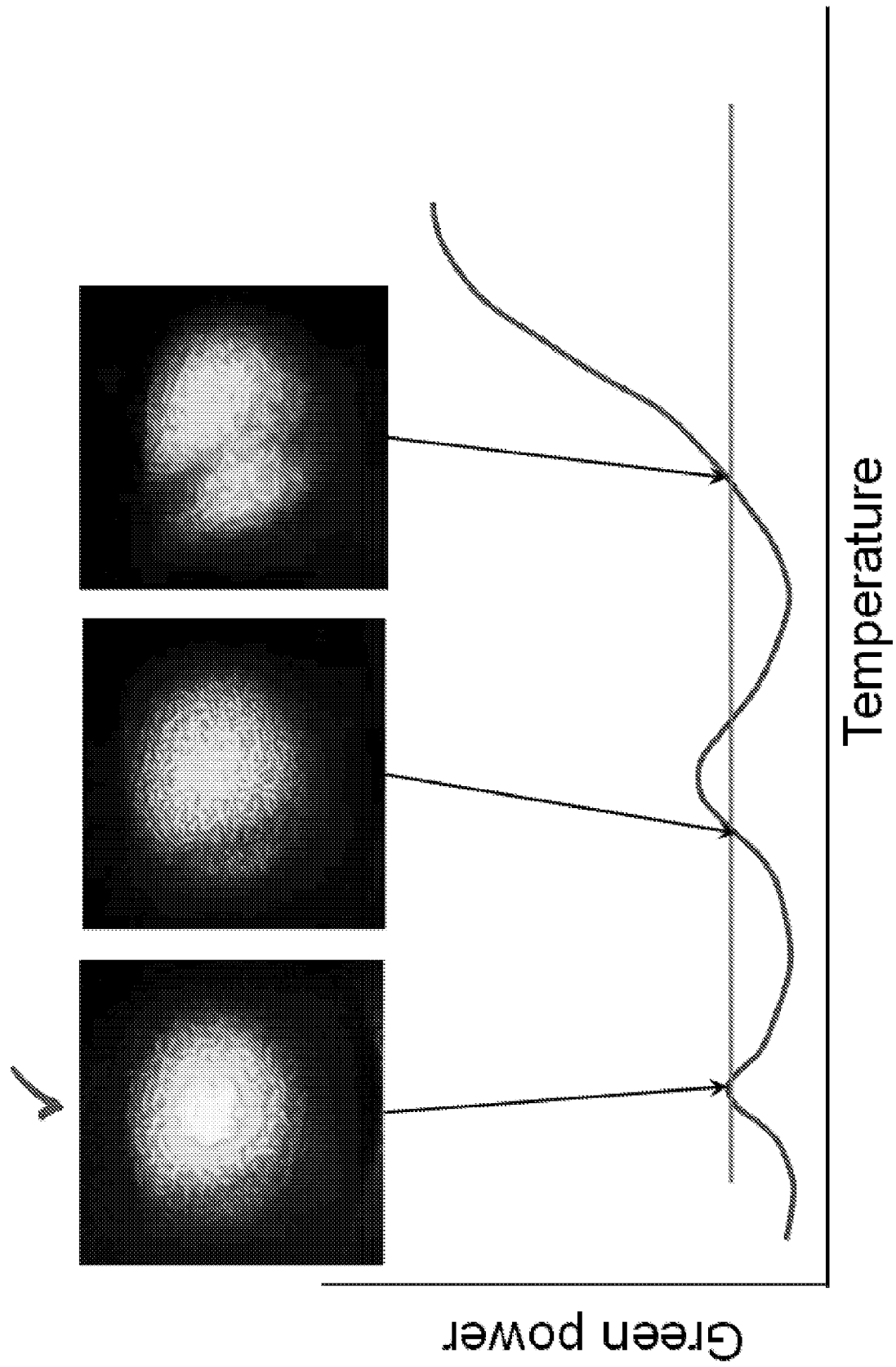
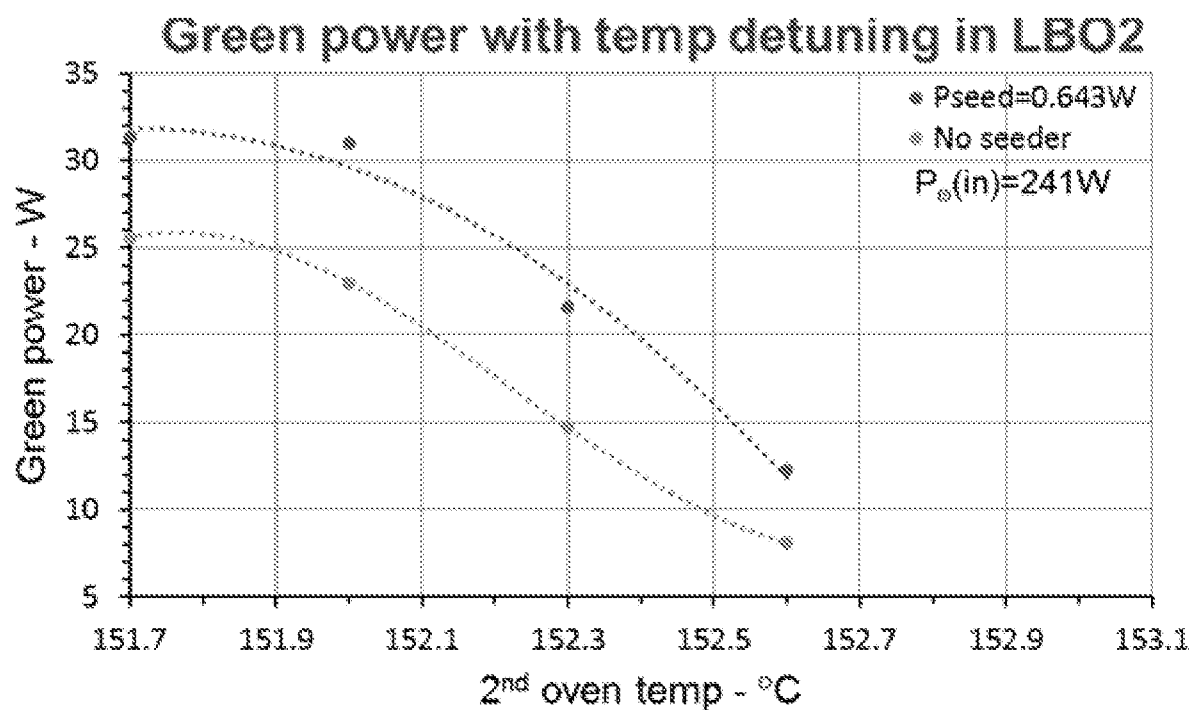
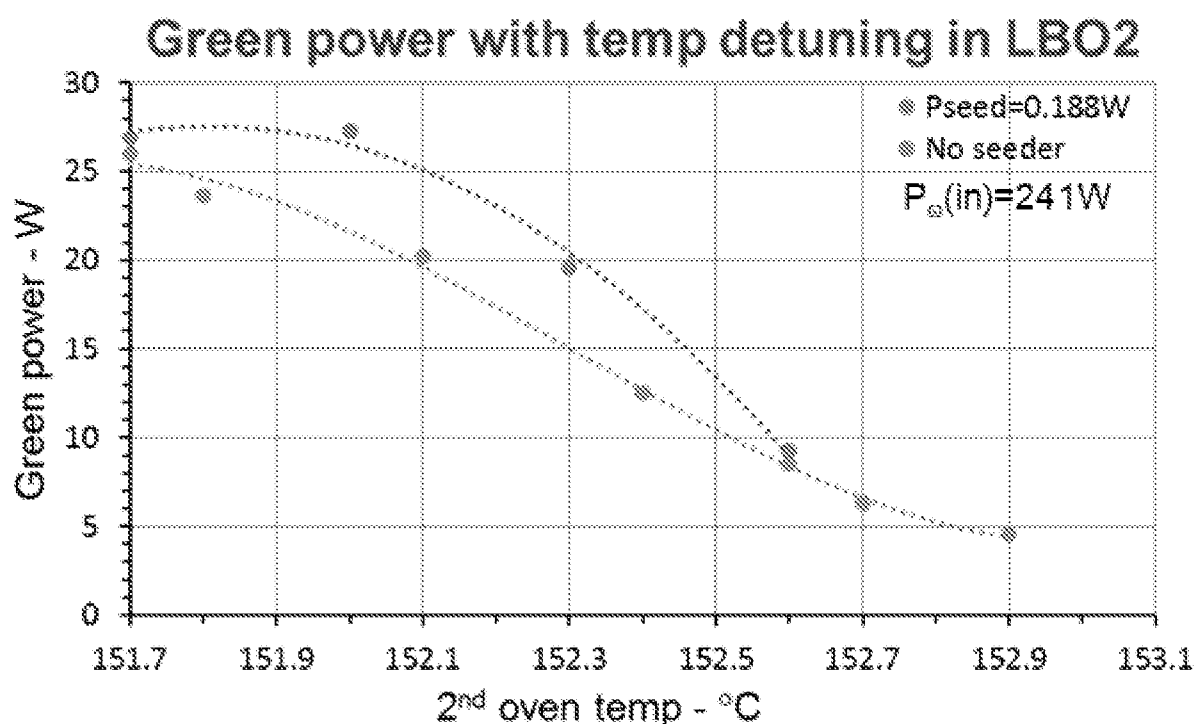
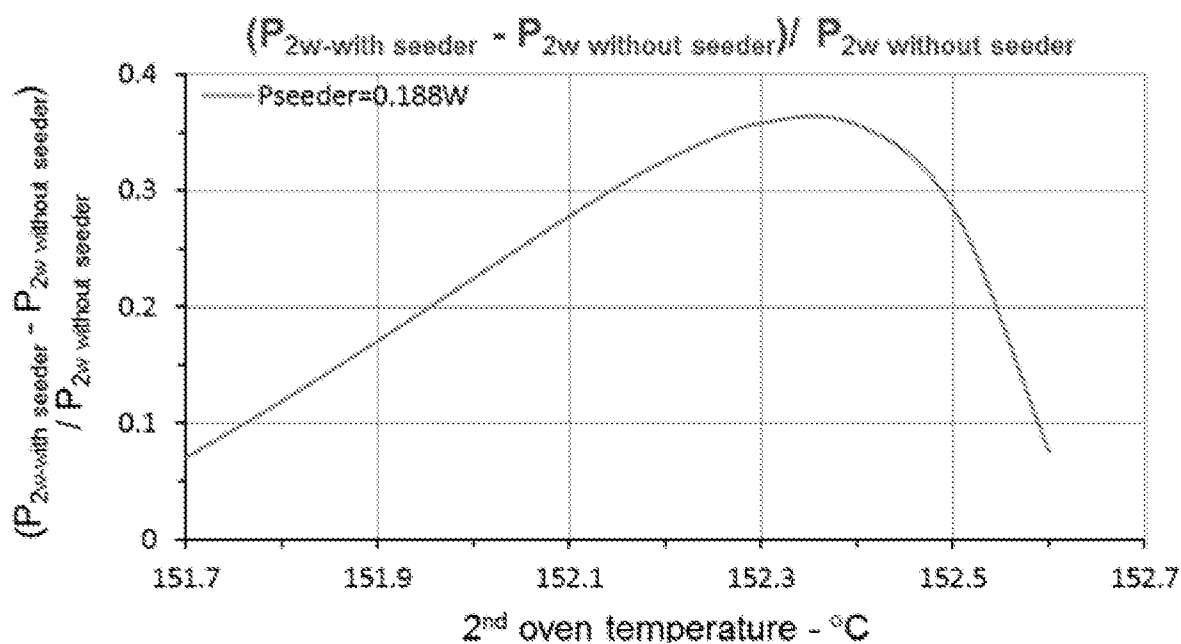
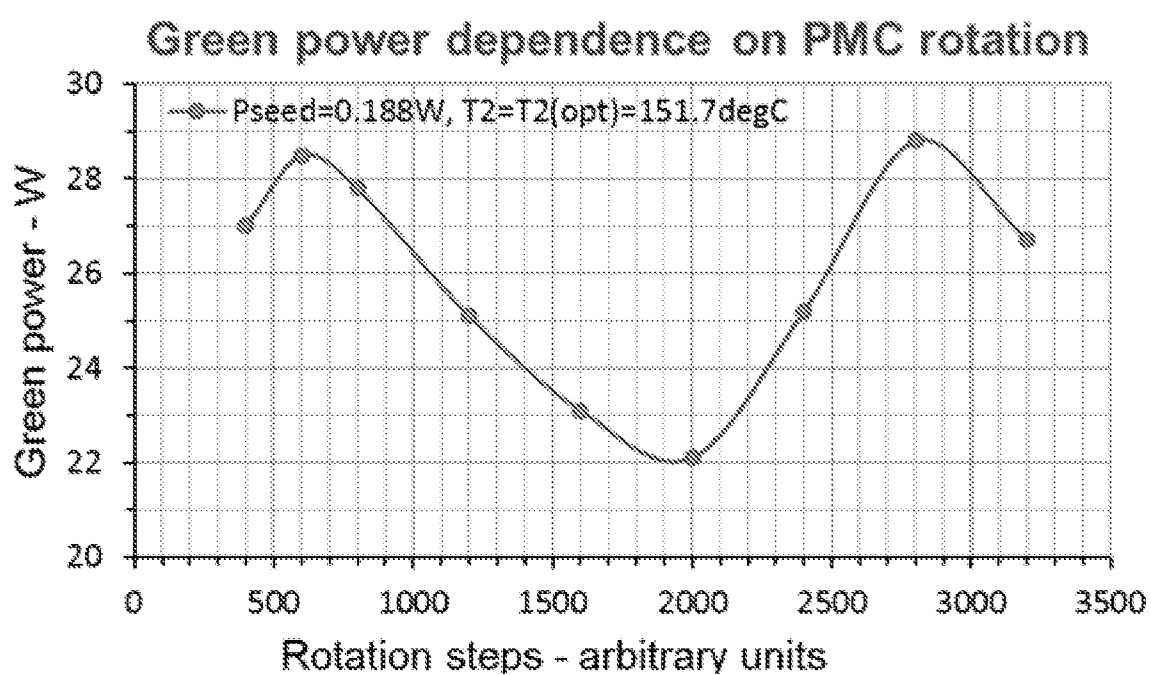


Fig. 20B

**Fig. 20C**

**Fig. 21**

**Fig. 22A****Fig. 22B**

**Fig. 23****Fig. 24**

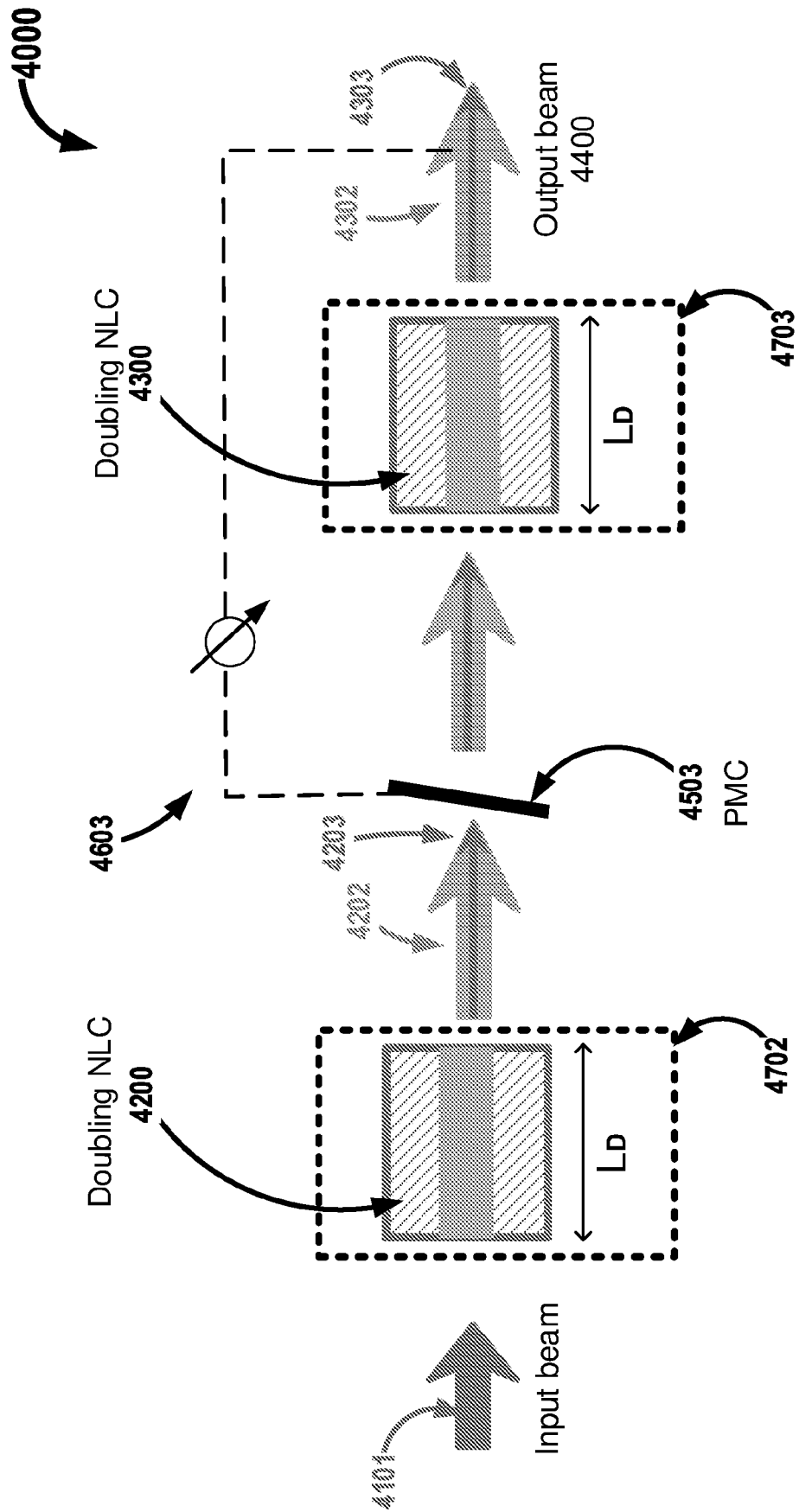


Fig. 25A

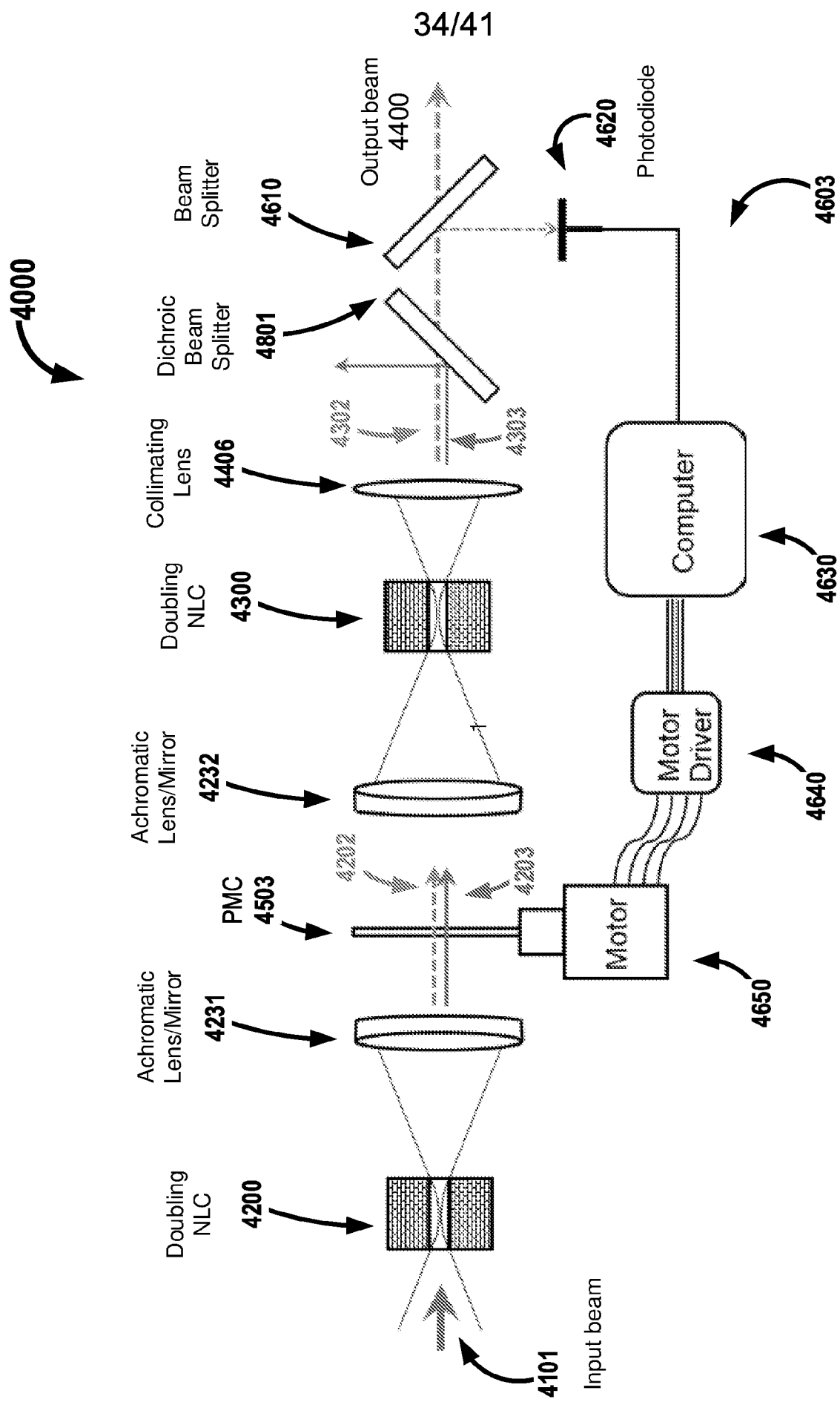


Fig. 25B

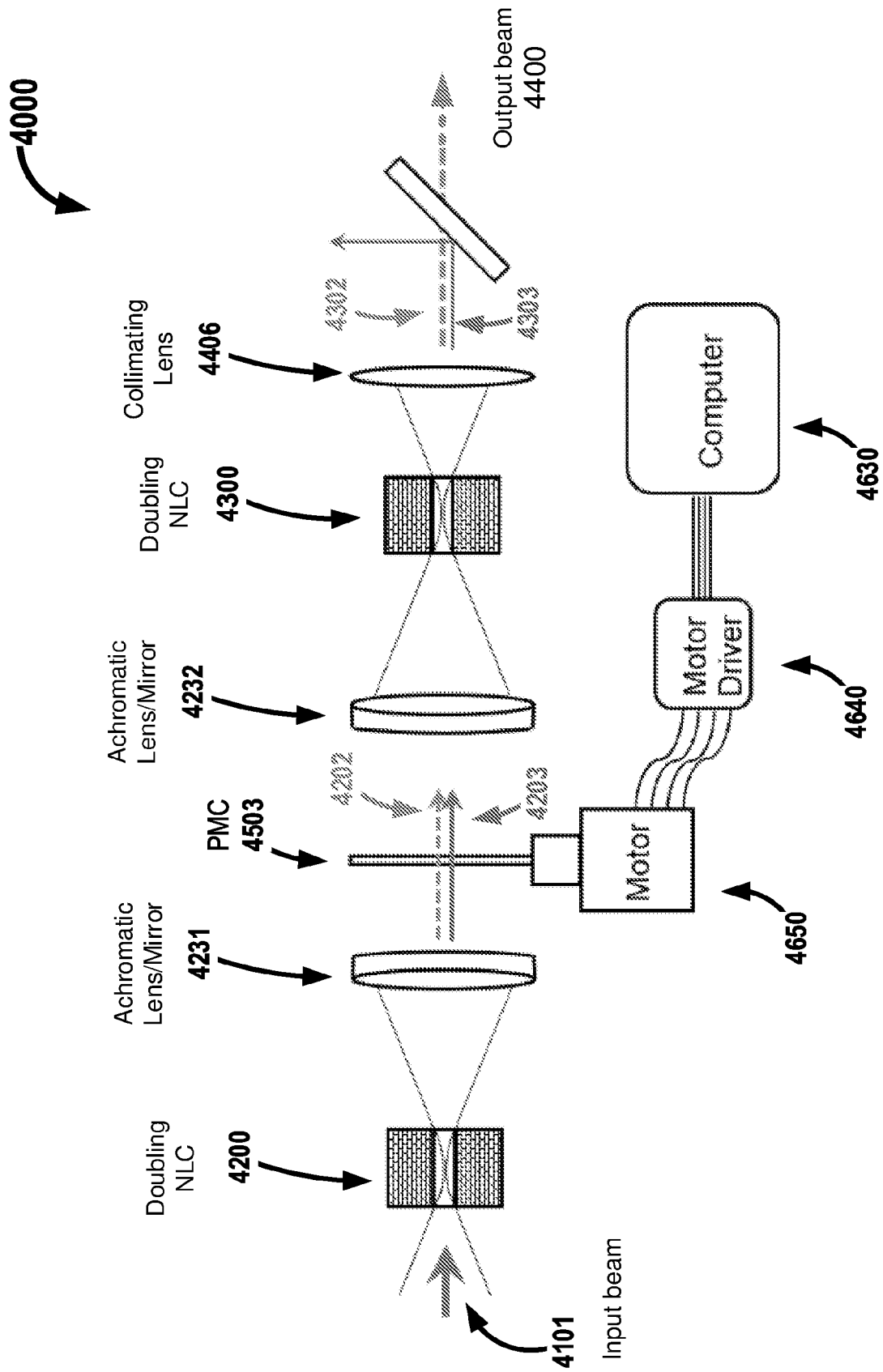


Fig. 25C

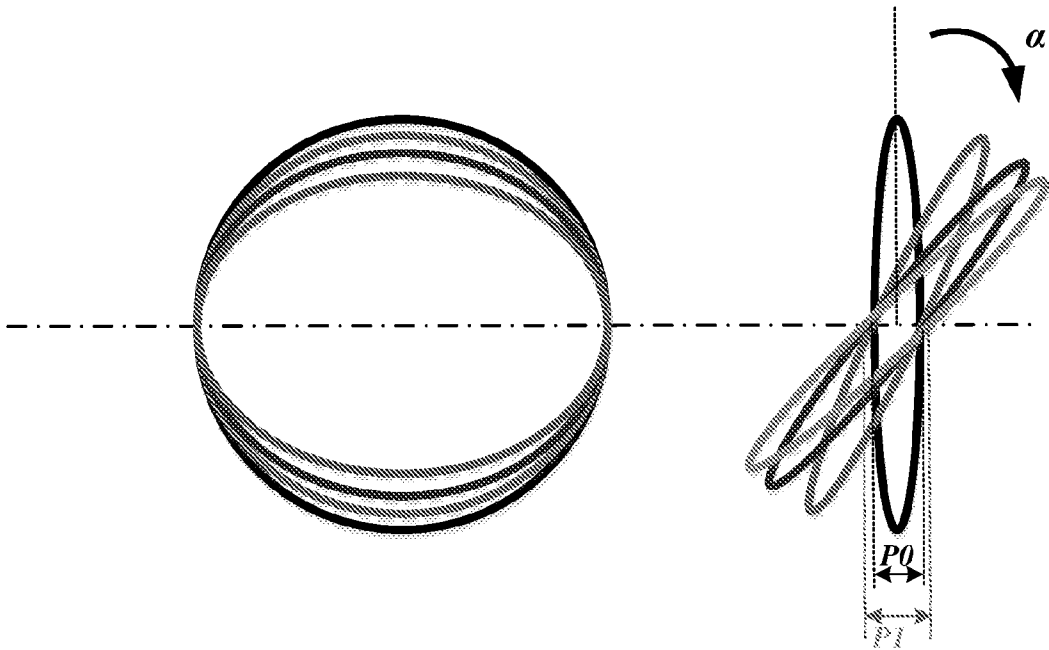


Fig. 26A

Fig. 26B

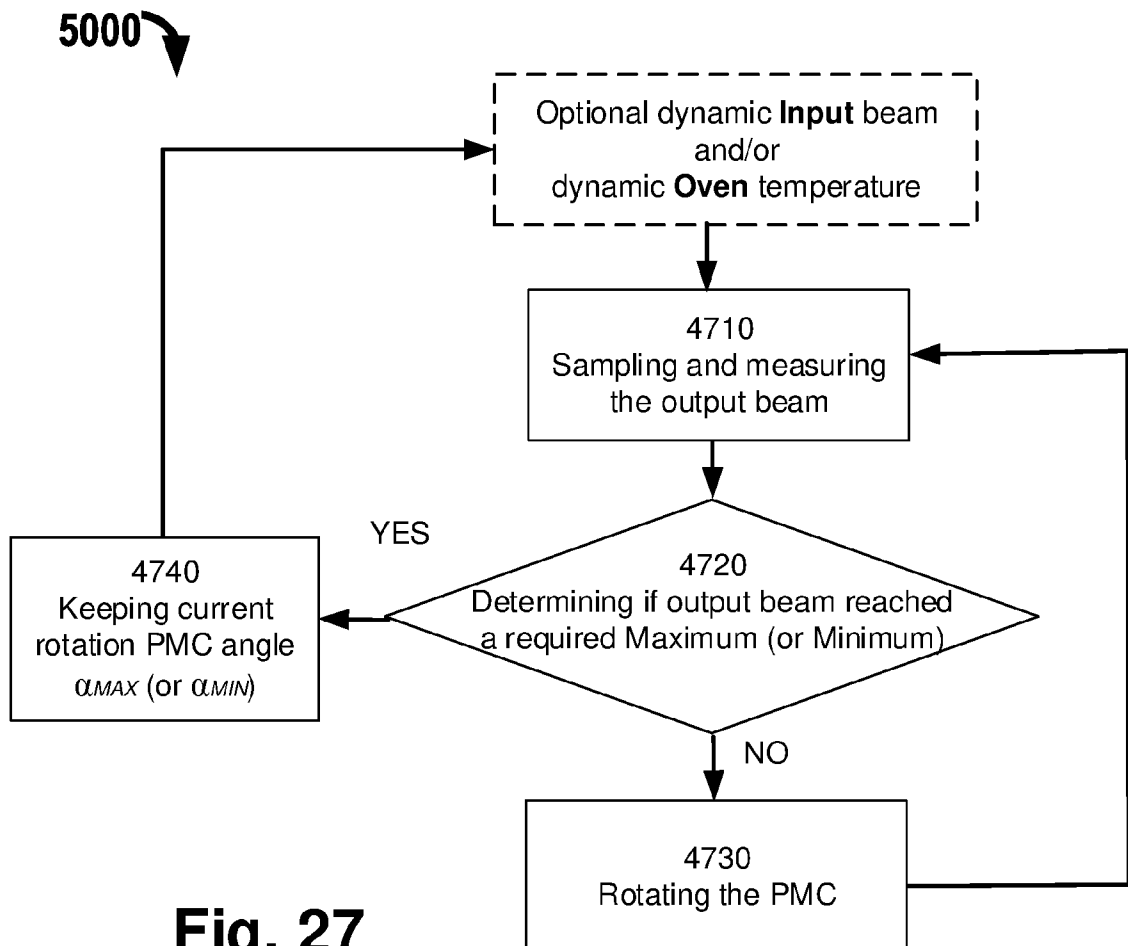


Fig. 27

Doubler power variations due to oven controller undershoot / overshoot - temp *not* straddling T_{optimum}

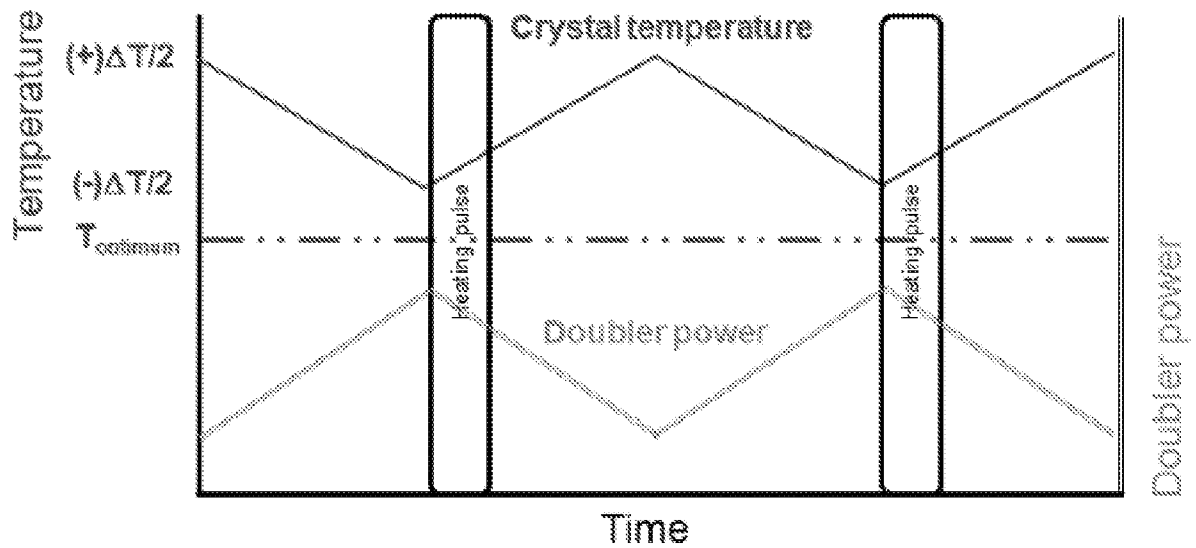


Fig. 28A

Doubler power variations due to oven controller undershoot / overshoot - temp straddling T_{optimum}

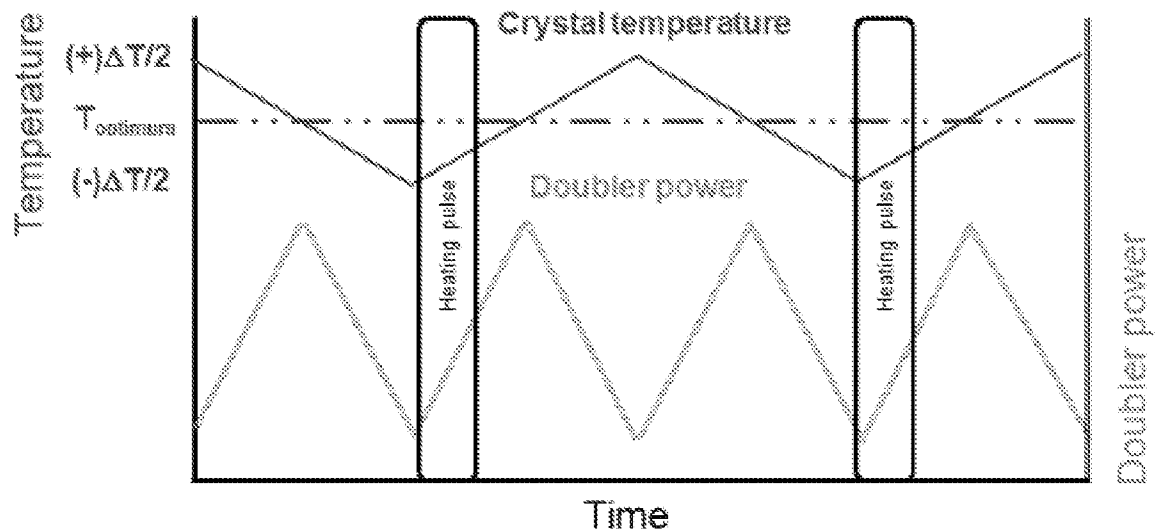


Fig. 28B

Active PMC with dither to control oven undershoot / overshoot

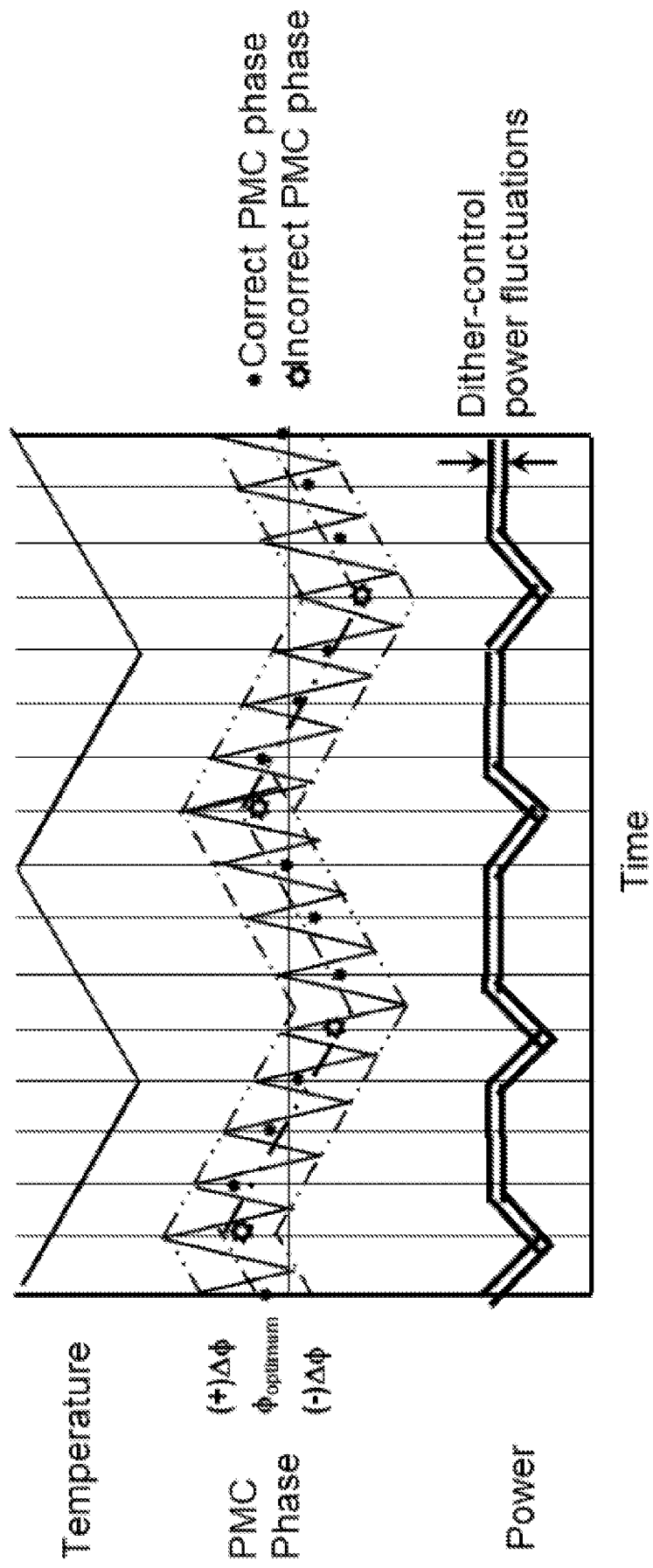
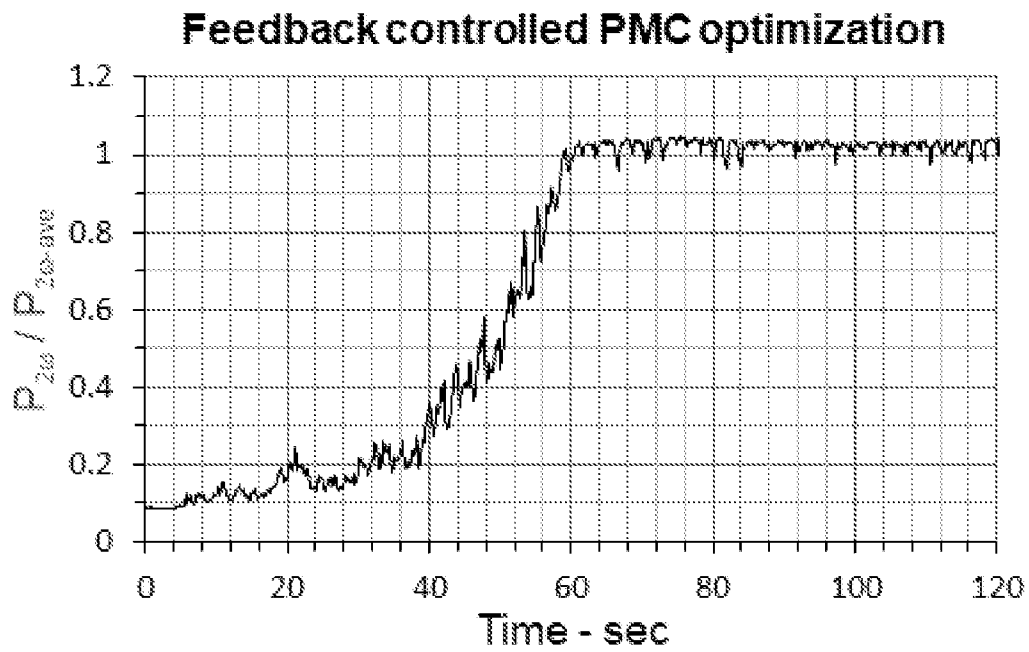
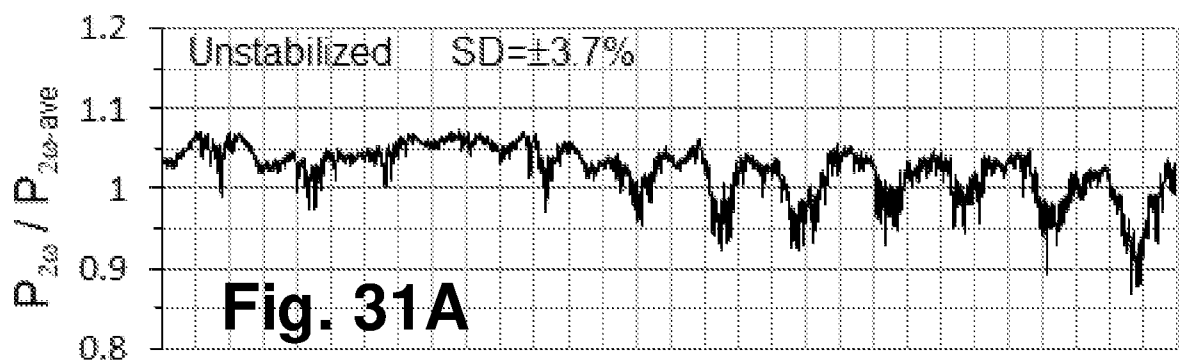
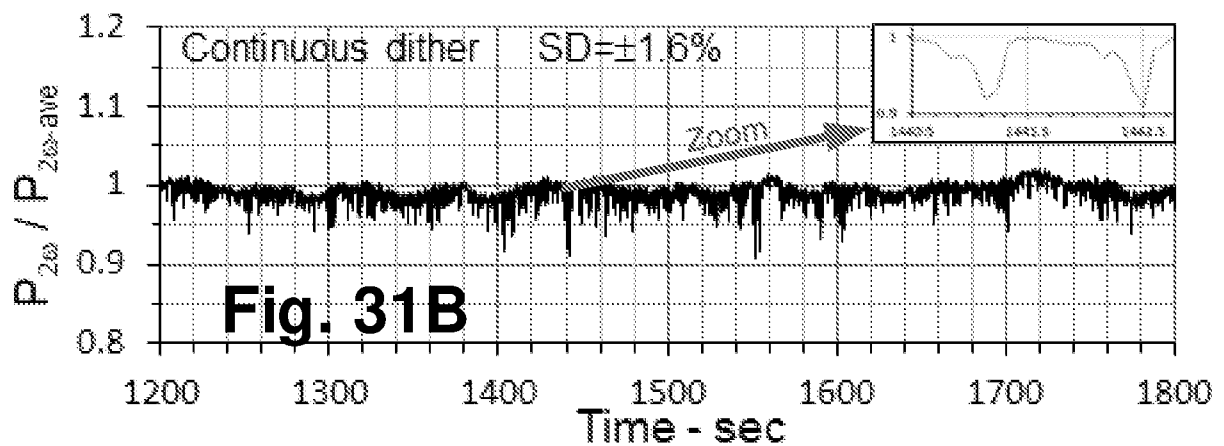
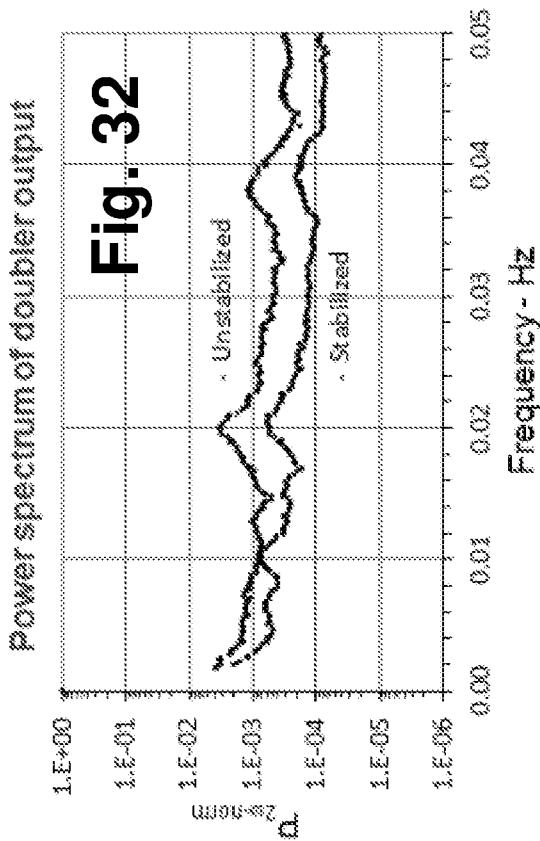
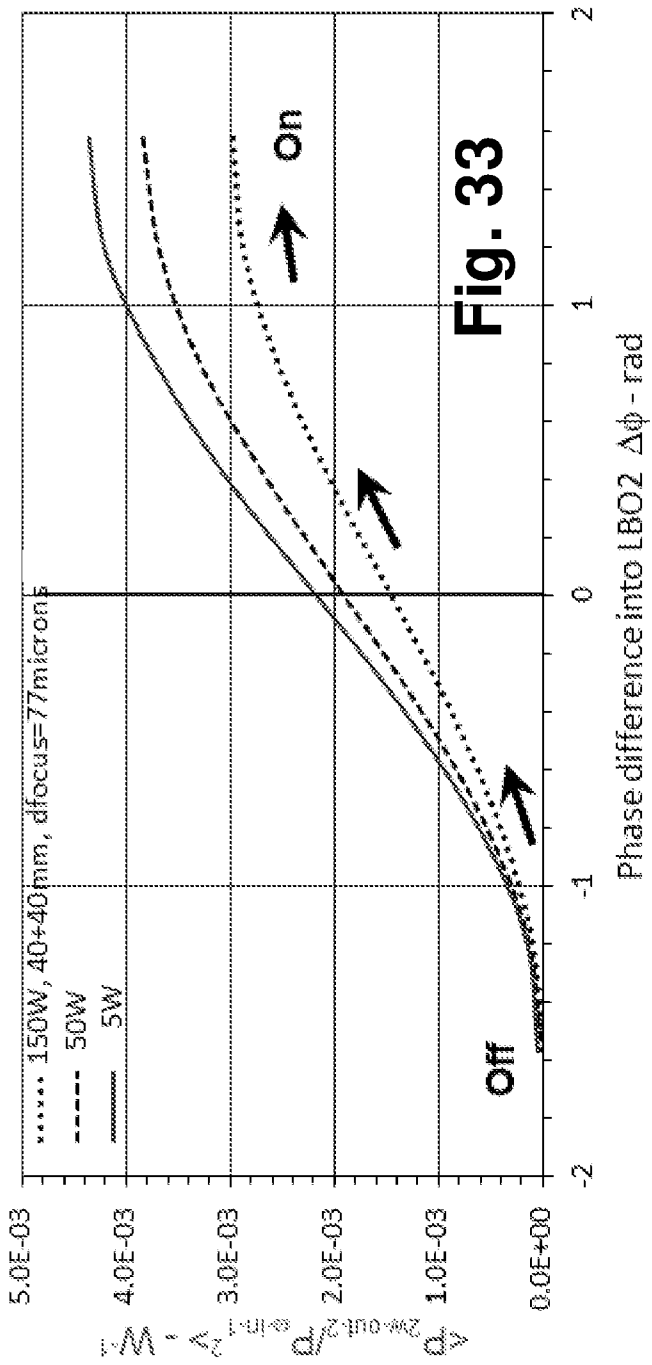


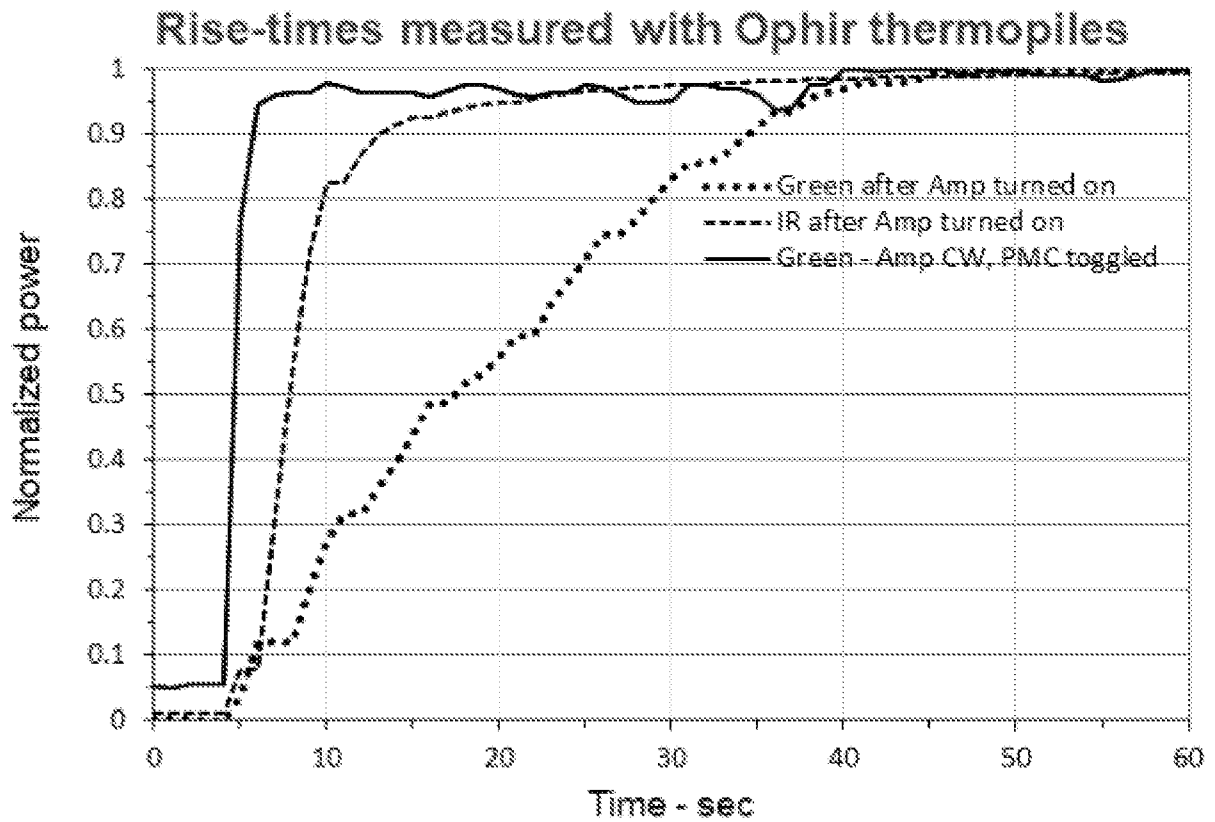
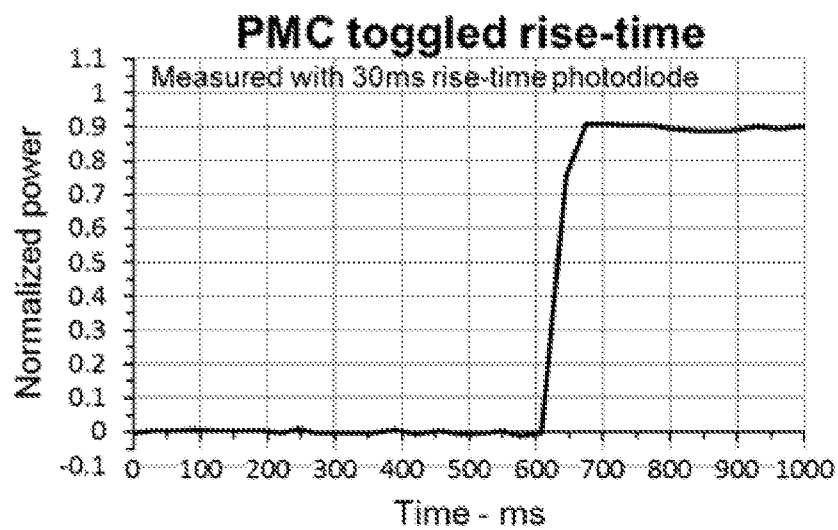
Fig. 29

**Fig. 30****Fig. 31A****Fig. 31B**



Nonlinear coefficient for varying phase difference into LBO2



**Fig. 34A****Fig. 34B**