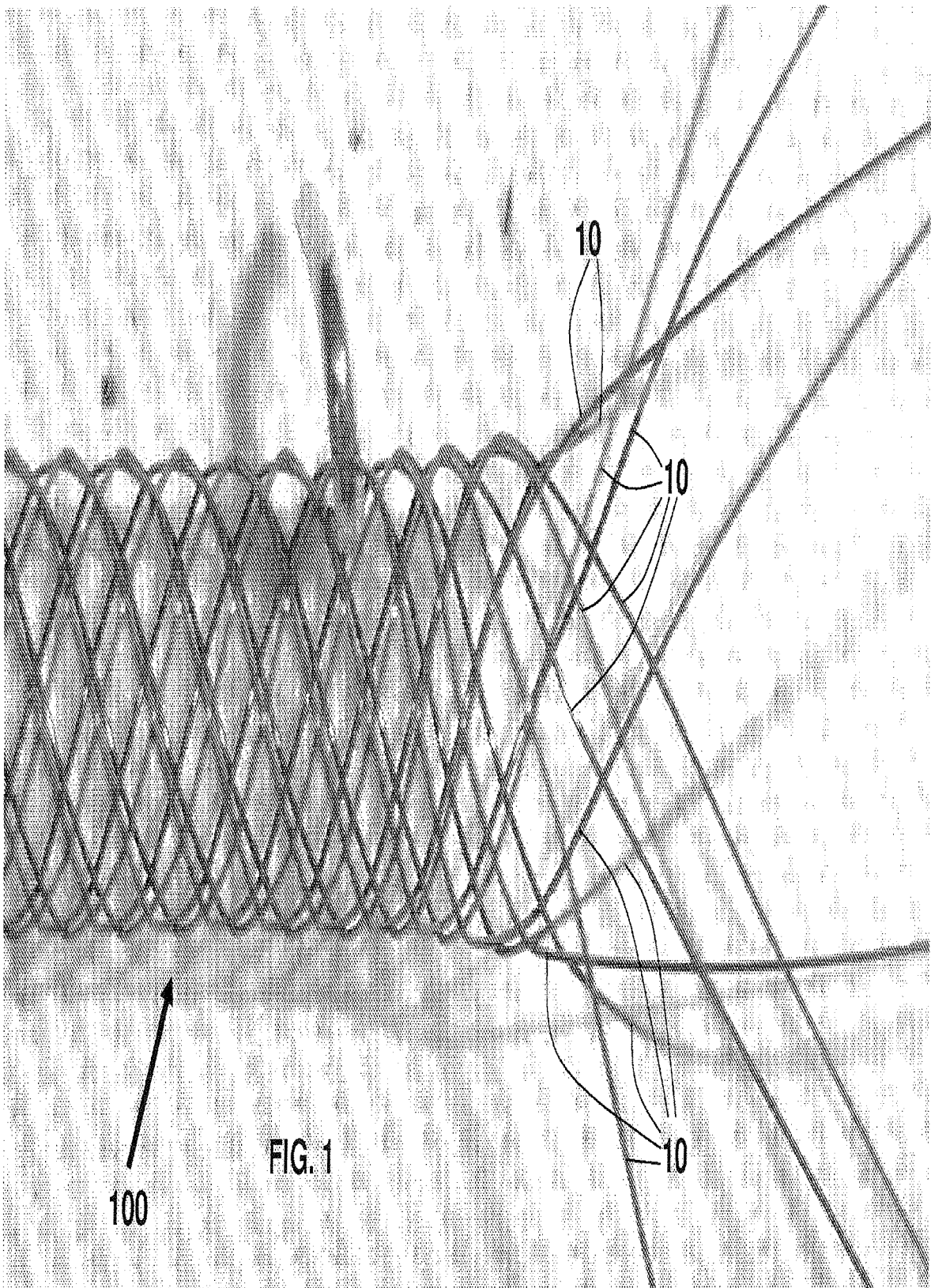
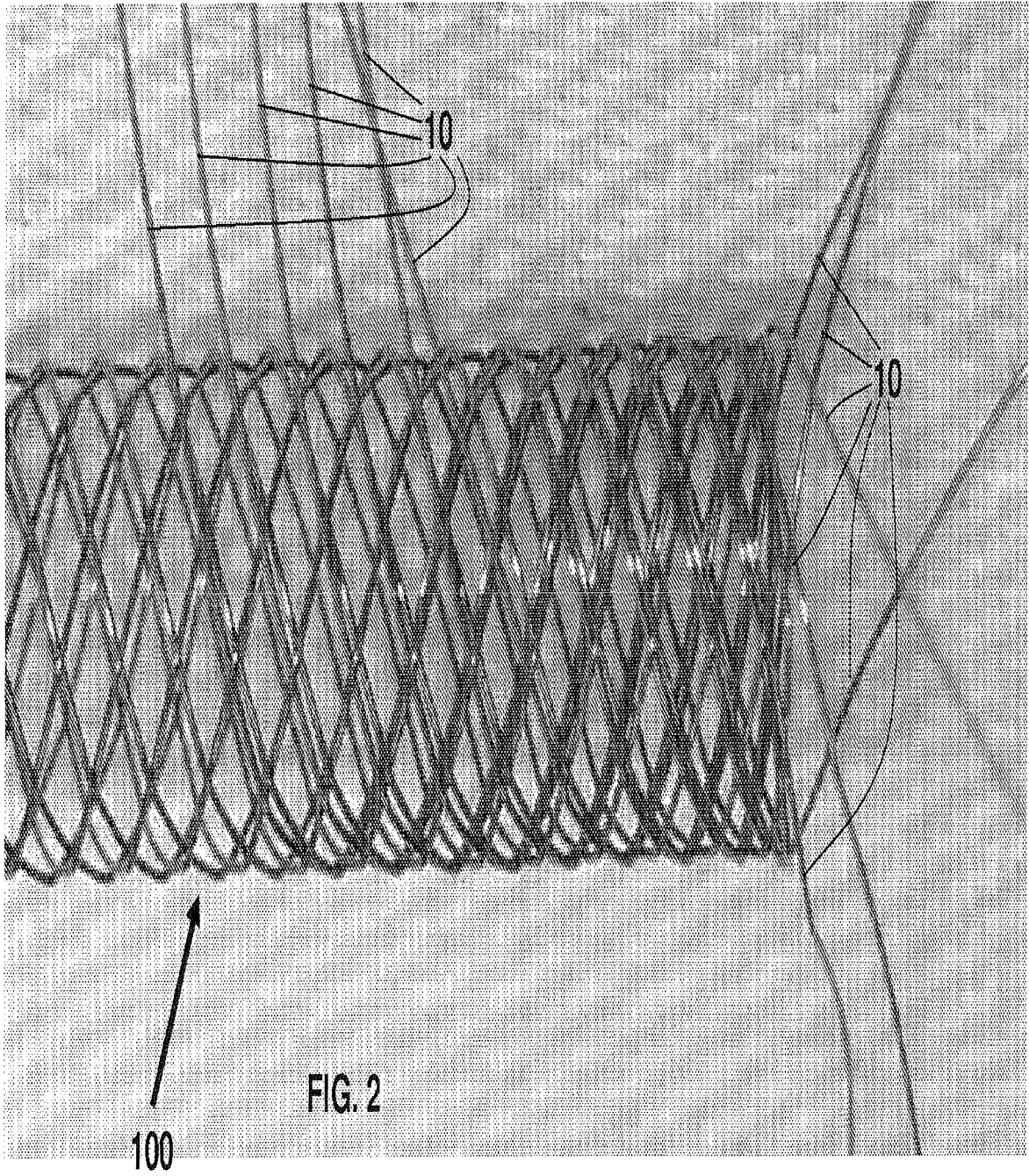
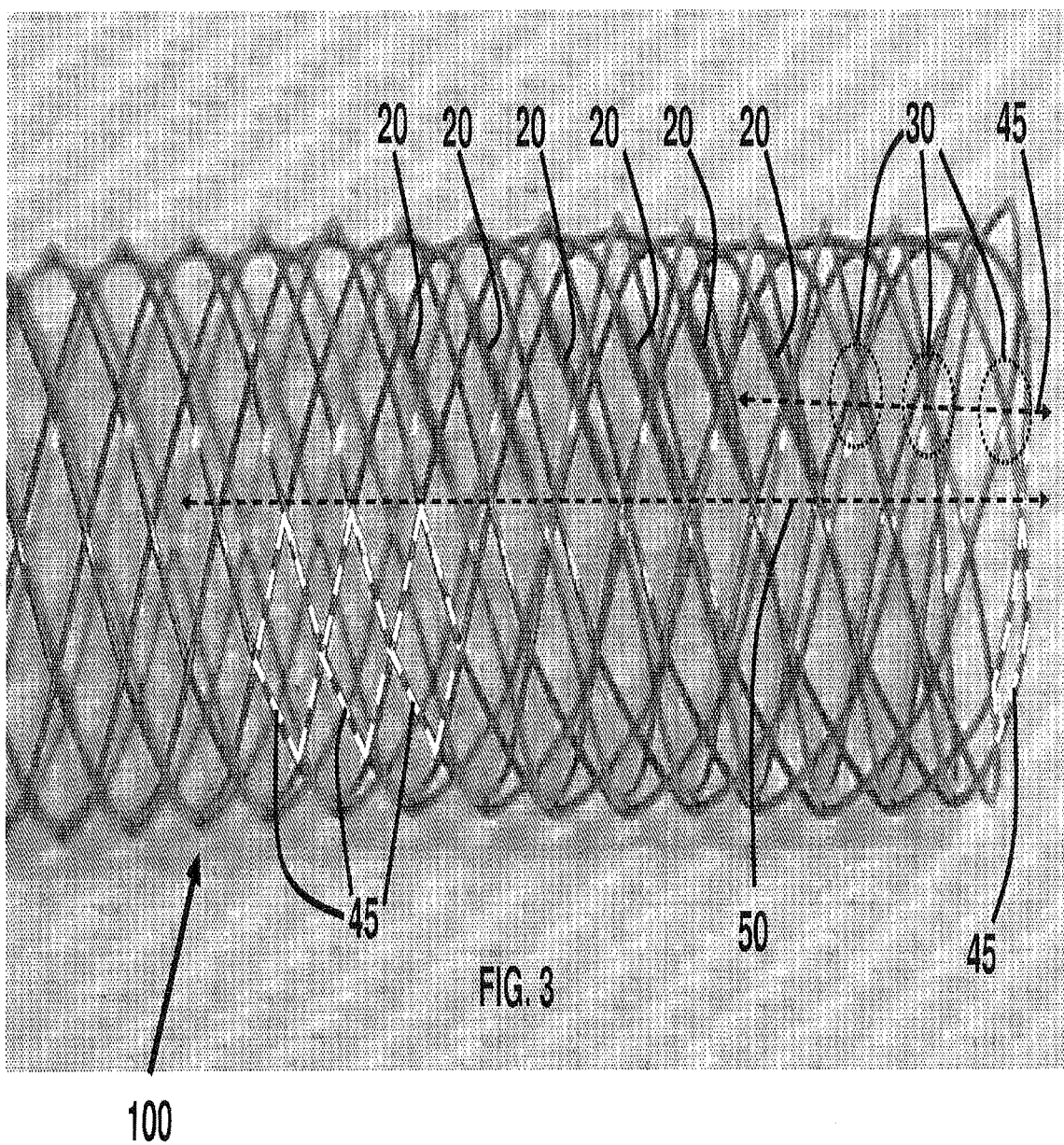
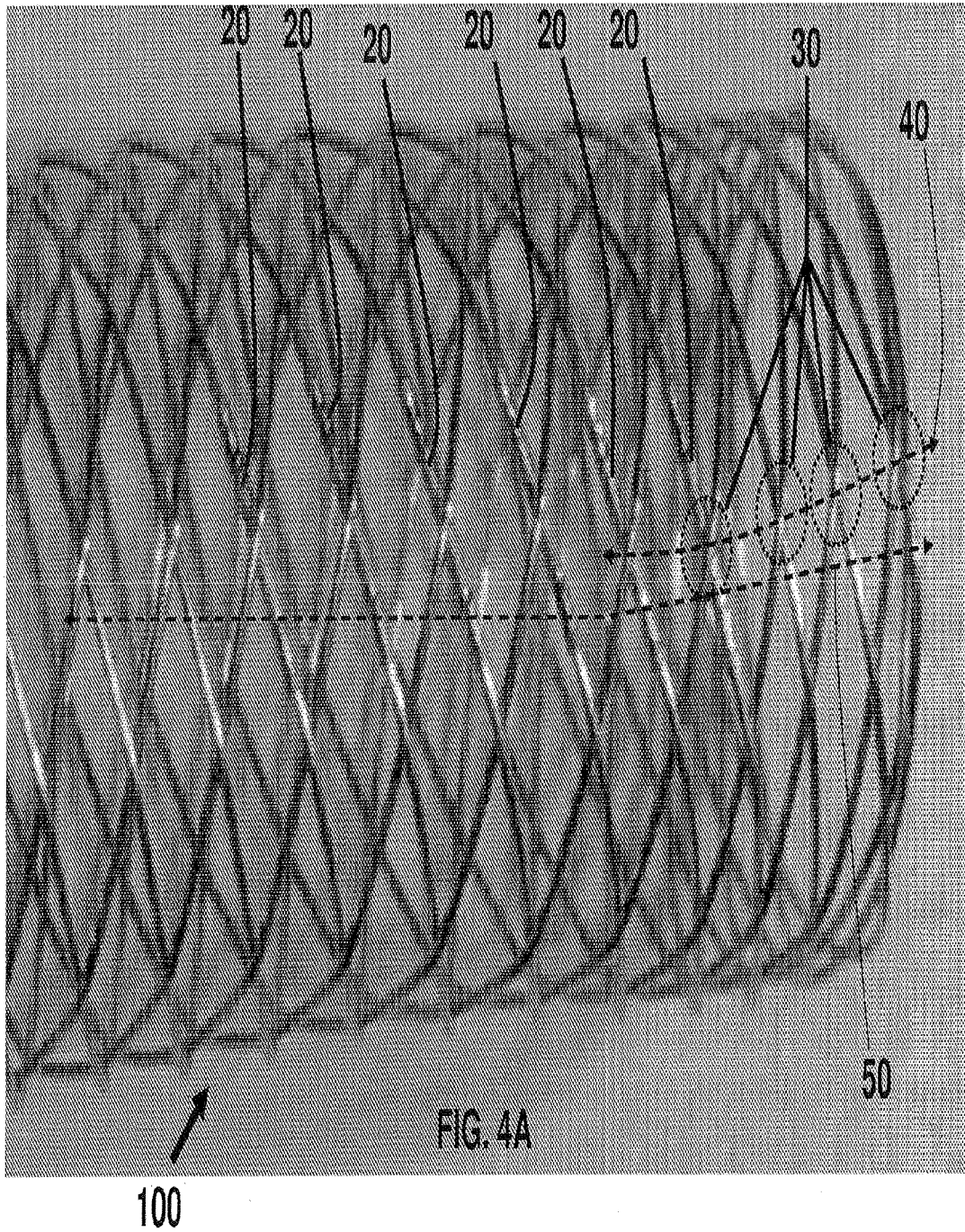










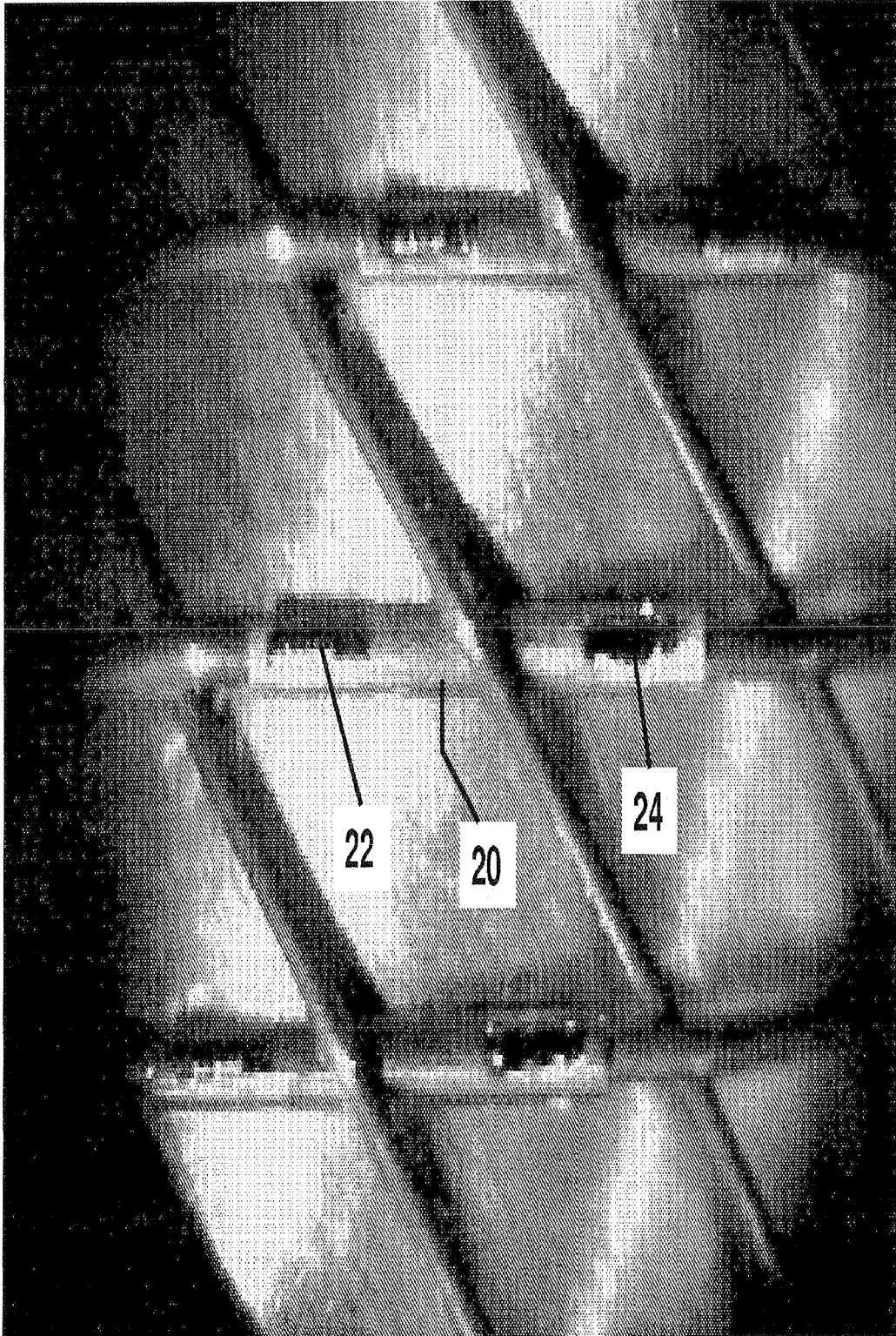


FIG. 4B

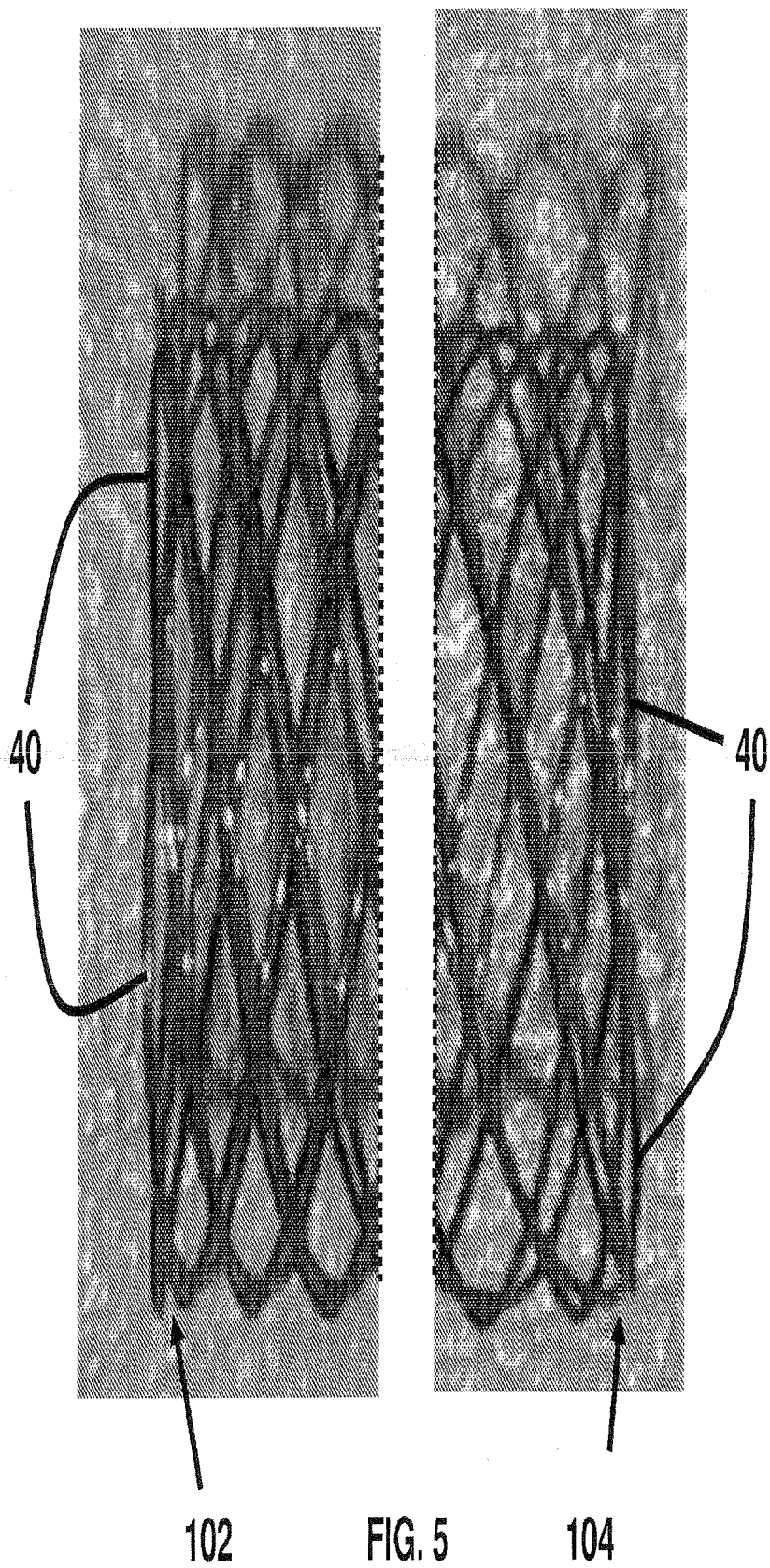
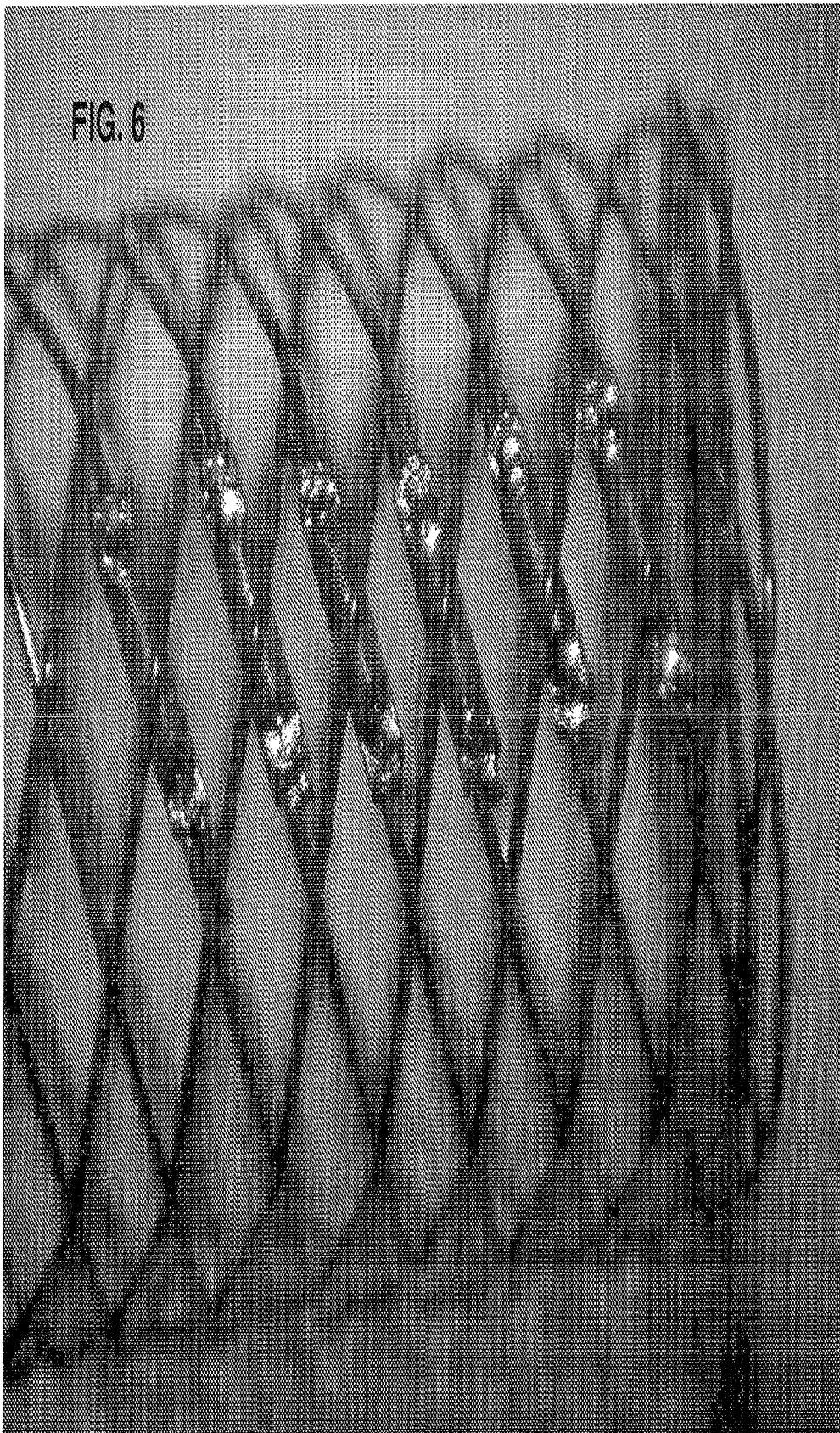


FIG. 6



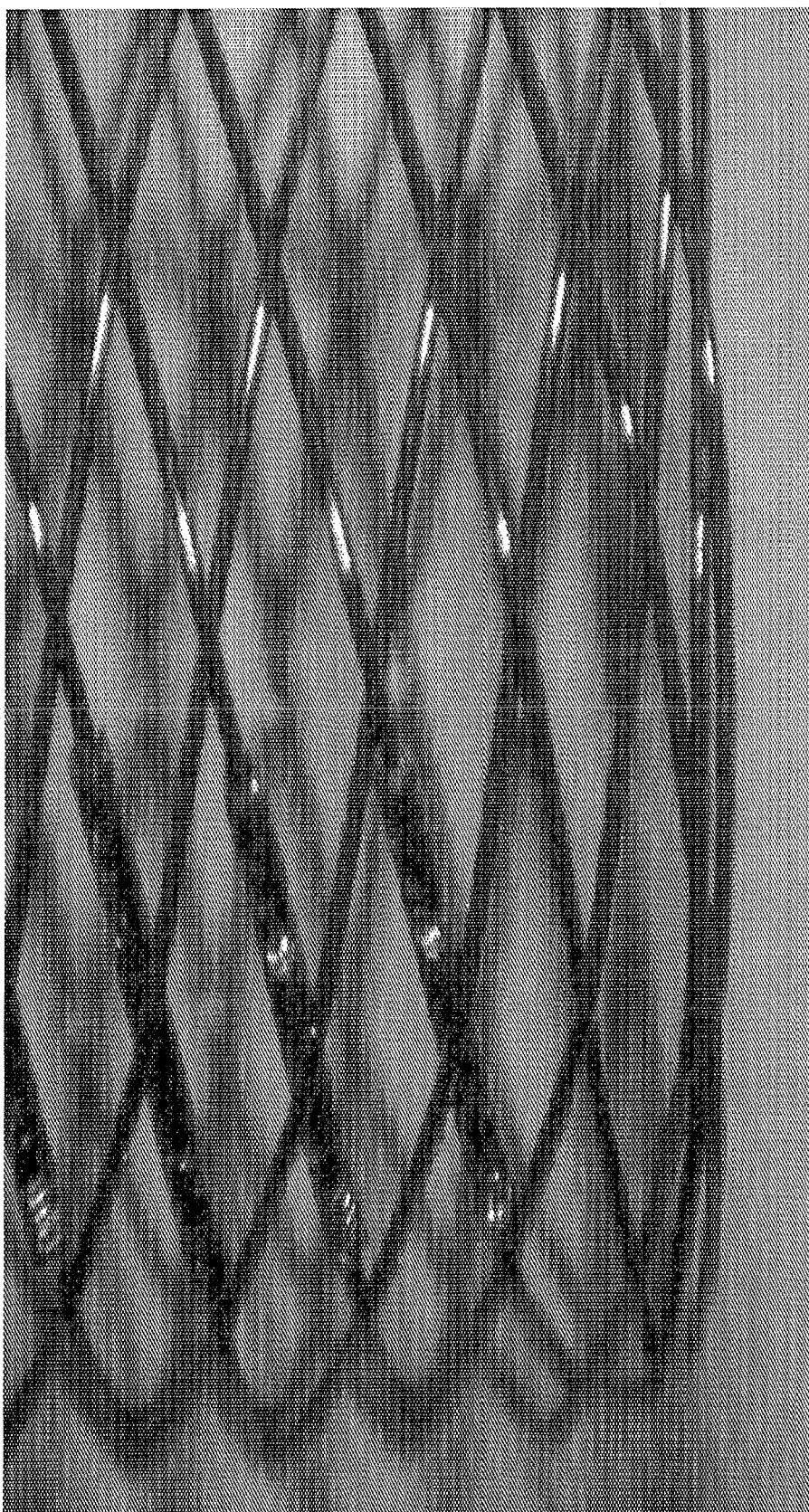
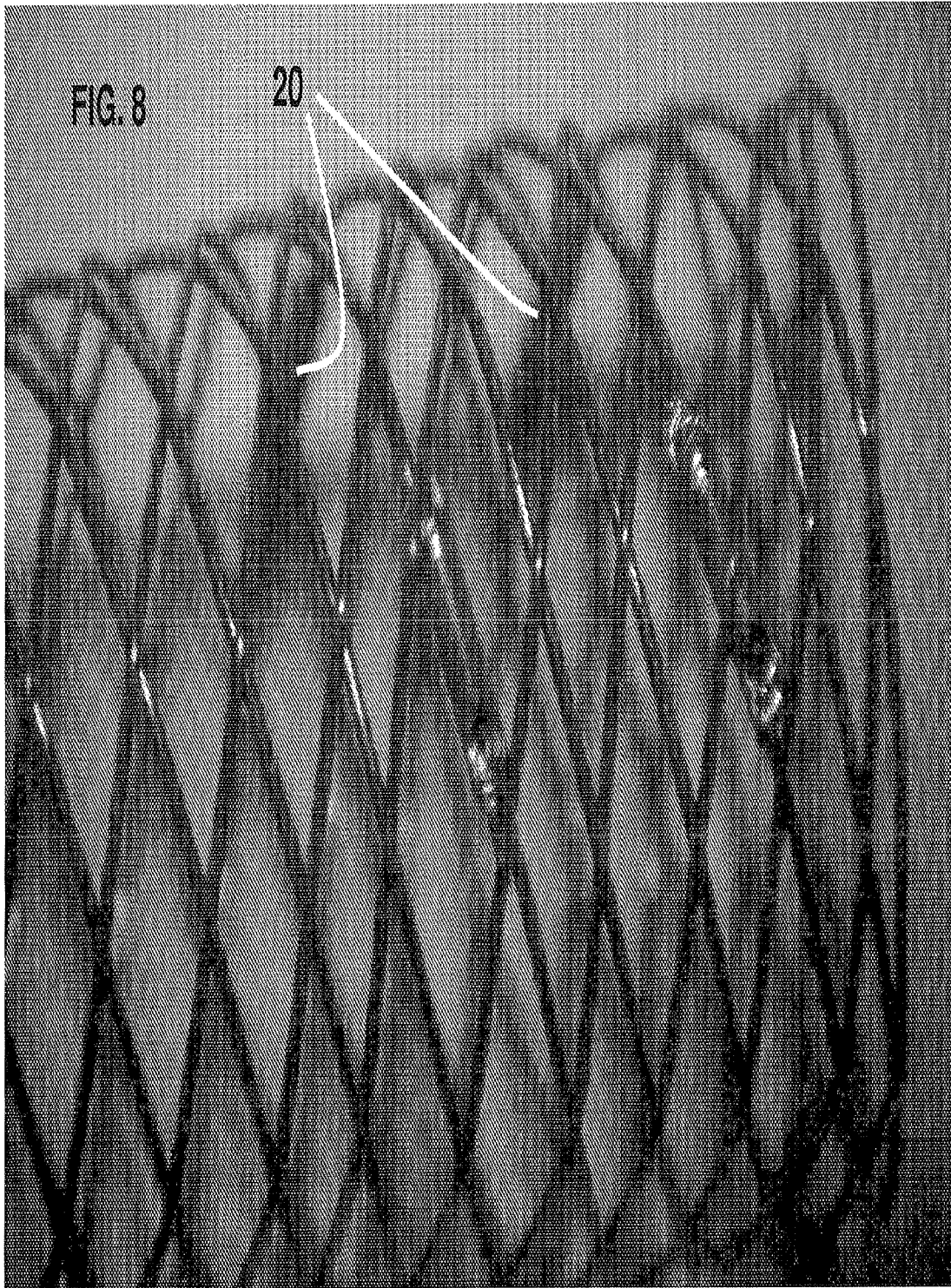


FIG. 7



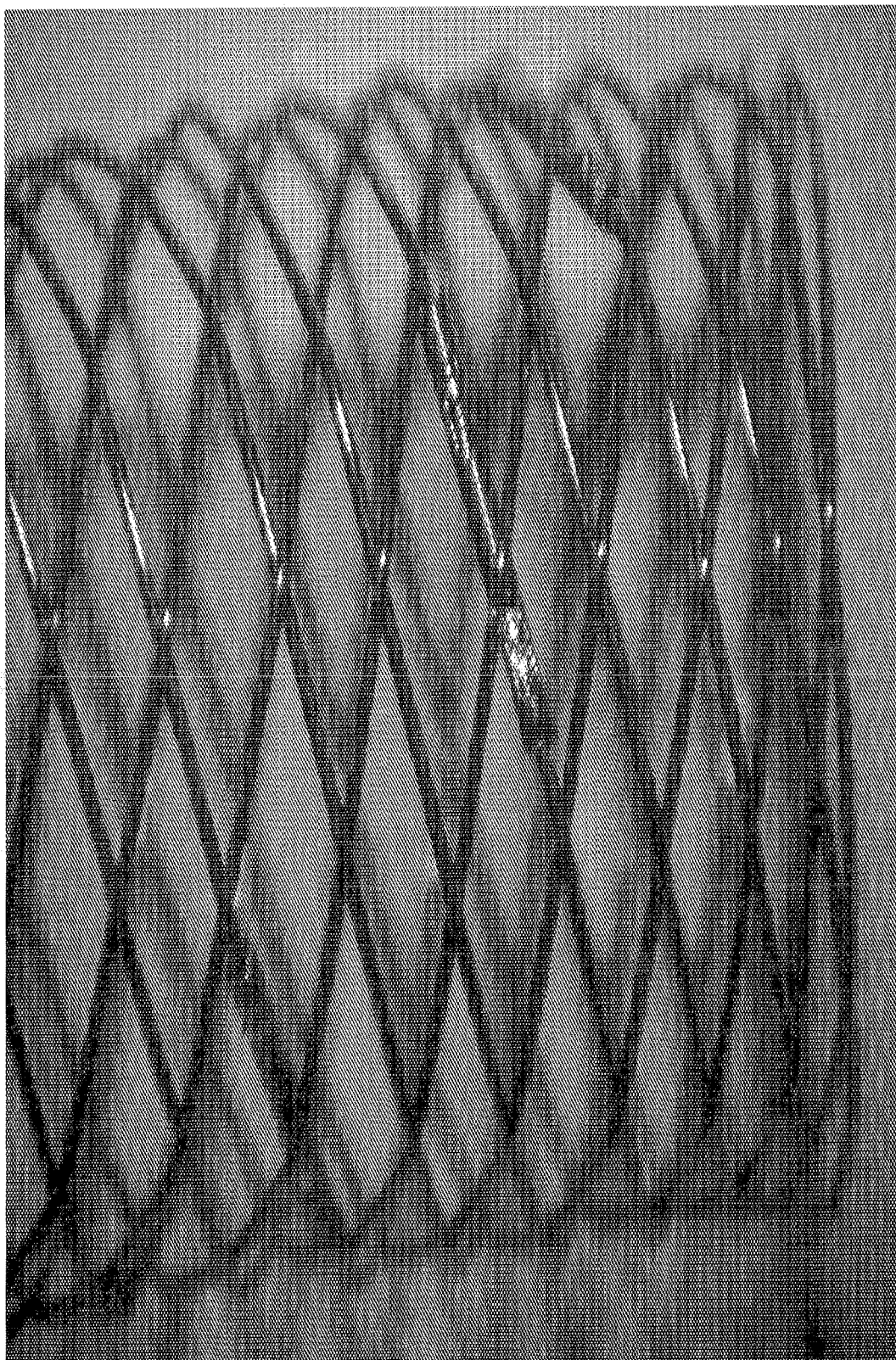


FIG. 9

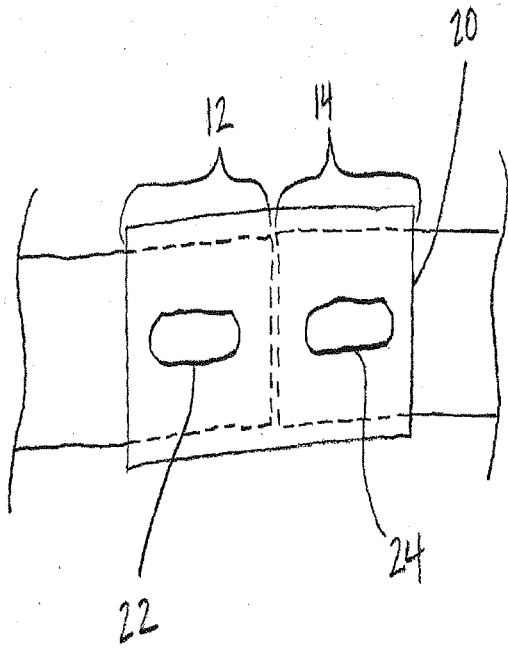


FIG. 10A

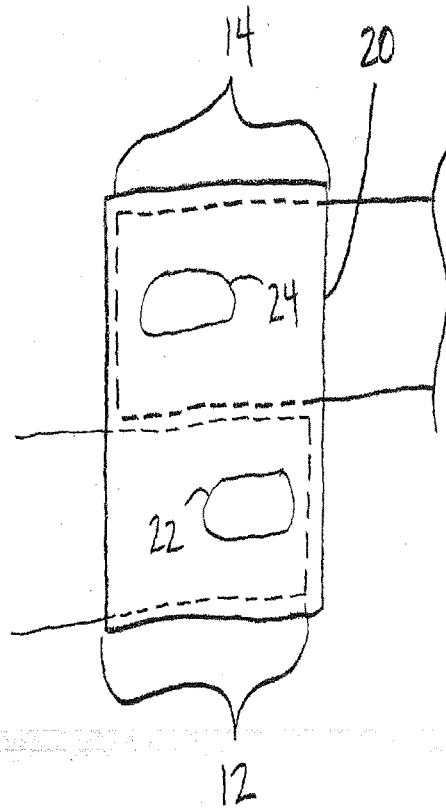


FIG. 10B

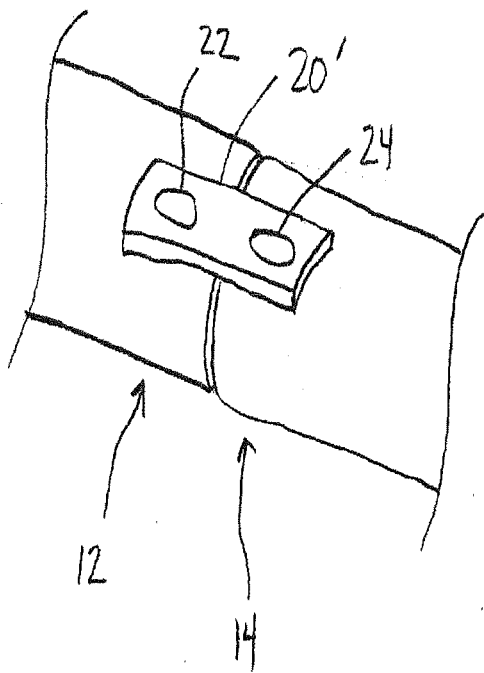


FIG. 10C



FIG. 11A

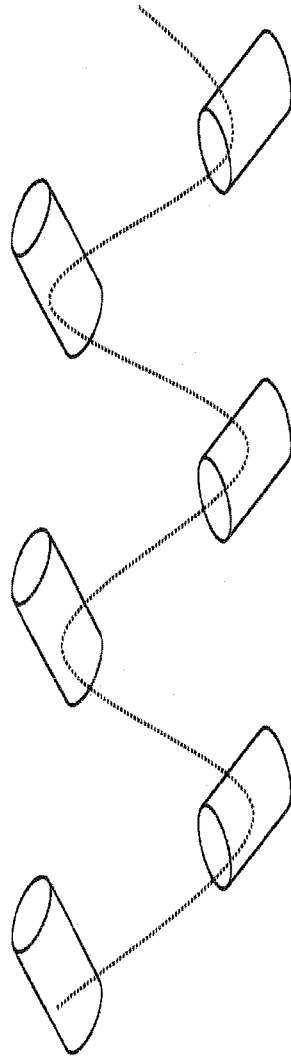
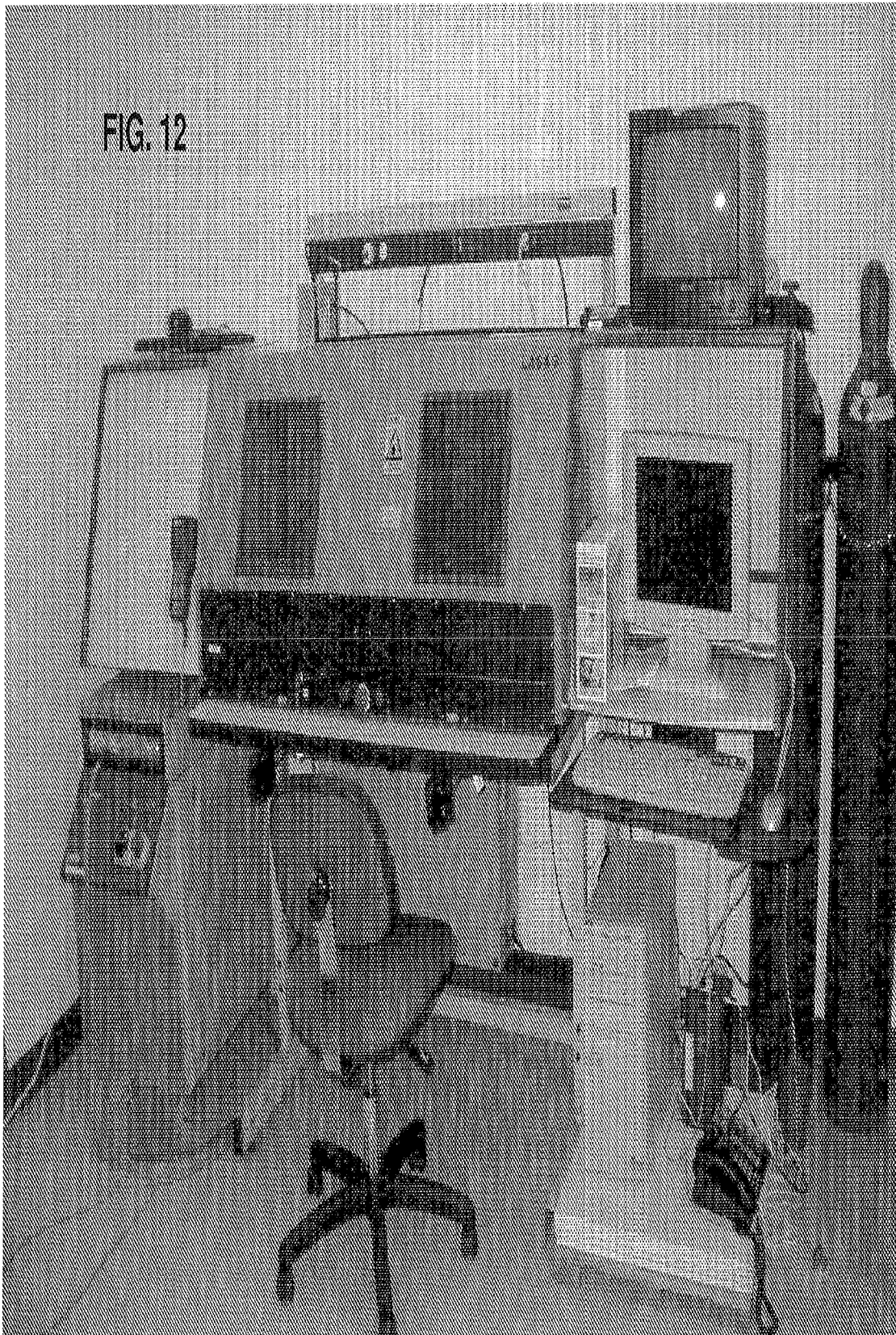


FIG. 11B

FIG. 12



Stent Internal Dia. (mm)	Wire Dia. (in.)	Coupling Structure Length (in.)	Coupling Structure Internal Dia. (in.)	Coupling Structure External Dia. (in.)	Frequency (Hertz)	Peak Power (Watts)	Pulse Duration (milli- seconds)	A-scale (Lasag pulse compensatio n Factor)	Argon Flow Rate (scfh)
4.0000	0.0060	0.0700	0.0070	0.0090	10	200	0.25	120	5
5.0000	0.0060	0.0800	0.0070	0.0090	10	200	0.25	120	5
6.0000	0.0070	0.1000	0.0075	0.0105	10	200	0.30	100	5
7.0000	0.0070	0.1000	0.0075	0.0105	10	200	0.30	100	5
8.0000	0.0080	0.1200	0.0085	0.0120	10	200	0.30	100	5
9.0000	0.0080	0.1500	0.0085	0.0120	10	200	0.30	100	5
10.0000	0.0080	0.1500	0.0085	0.0120	10	200	0.30	100	5

FIG. 13

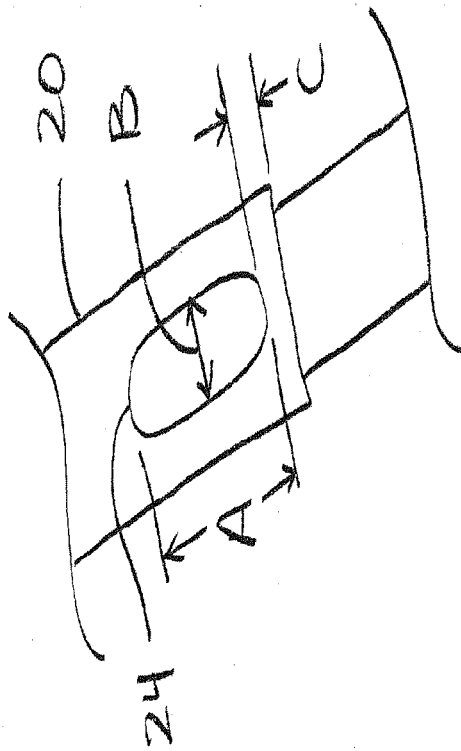


FIG. 14A

FIG. 14B

Internal Stent Dia. ± 0.5 (mm)	Stent Length (mm)	Nitinol Wire Dia. (in.)	Coupling Structure Code	A (in.)	B (in.)	C (in.)
4.0	40	0.006	-01	0.010	0.005	0.010
4.0	60	0.006	-01	0.010	0.005	0.010
4.0	80	0.006	-01	0.010	0.005	0.010
5.0	40	0.006	-02	0.010	0.005	0.010
5.0	60	0.006	-02	0.010	0.005	0.010
5.0	80	0.006	-02	0.010	0.005	0.010
5.0	100	0.006	-02	0.010	0.005	0.010
5.0	120	0.006	-02	0.010	0.005	0.010

FIG. 14B (continued)

6.0	40	0.007	-03	0.015	0.008	0.010
6.0	60	0.007	-03	0.015	0.008	0.010
6.0	80	0.007	-03	0.015	0.008	0.010
6.0	100	0.007	-03	0.015	0.008	0.010
6.0	120	0.007	-03	0.015	0.008	0.010
7.0	40	0.007	-03	0.015	0.008	0.010
7.0	60	0.007	-03	0.015	0.008	0.010
7.0	80	0.007	-03	0.015	0.008	0.010
7.0	100	0.007	-03	0.015	0.008	0.010
7.0	120	0.007	-03	0.015	0.008	0.010
8.0	40	0.008	-04	0.015	0.008	0.010
8.0	60	0.008	-04	0.015	0.008	0.010

FIG. 14B (continued)

8.0	80	0.008	-04	0.015	0.008	0.010
8.0	100	0.008	-04	0.015	0.008	0.010
8.0	120	0.008	-04	0.015	0.008	0.010
9.0	40	0.008	-05	0.020	0.008	0.010
9.0	60	0.008	-05	0.020	0.008	0.010
10.0	40	0.008	-05	0.020	0.008	0.010
10.0	60	0.008	-05	0.020	0.008	0.010
5.0	150	0.006	-02	0.010	0.005	0.010
6.0	150	0.007	-03	0.015	0.008	0.010
7.0	150	0.007	-03	0.015	0.008	0.010