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(71) Applicant (for all designated States except US): **XTENT, INC.** [US/US]; 125 Constitution Drive, Menlo Park, California 94025 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ANDREAS, Bernard** [US/US]; 633 California Way, Redwood City, California 94062 (US). **GRAINGER, Jeffry, J.** [US/US]; 95 Palmer Lane, Portola Valley, California 94028 (US).

(74) Agents: **SMITH, Scott, M.** et al.; **TOWNSEND AND TOWNSEND AND CREW LLP**, Two Embarcadero Center, 8th Floor, San Francisco, California 94111-3834 (US).

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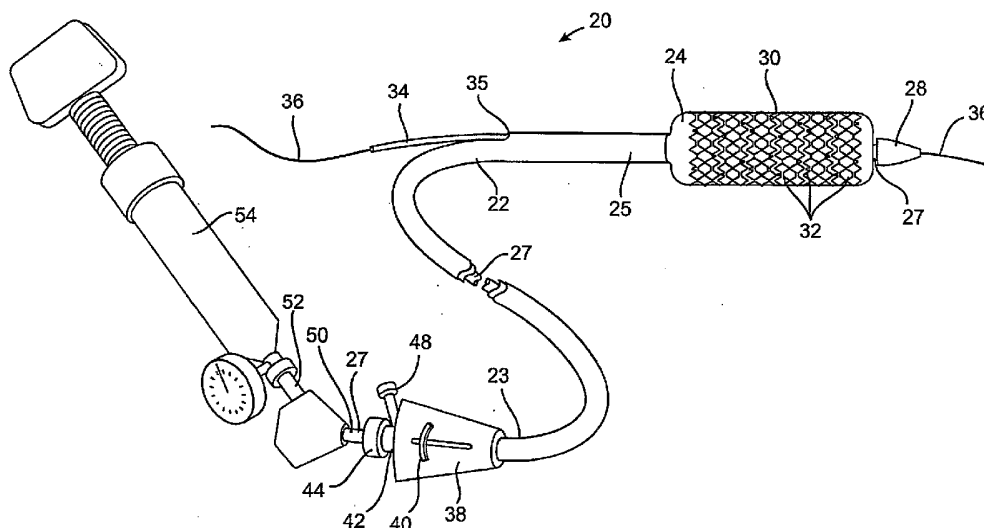
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(54) Title: FIXED STENT DELIVERY DEVICES AND METHODS



(57) Abstract: Stent delivery devices and methods include multiple stents or stent segments mounted at fixed positions on an expandable member of the stent delivery catheter. One or more of the fixed-position stents may be selectively deployed in a body lumen such as a blood vessel by positioning one or more sheaths to constrain some stents while exposing others for deployment. Some embodiments include two axially movable sheaths for serially deploying stents while containing a portion of the expandable balloon from which stents have been deployed. Other embodiments include inner and outer balloon shafts to allow the balloon to be retracted into the delivery catheter as stents are deployed. Devices and methods of the invention provide enhanced serial deployment of multiple stents or stent segments while reducing the risk of damage to an expandable deployment member.

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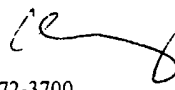
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X, E	US 6,849,084 A (RABKIN et al) 01 February 2005, figures 1-4.	1-28
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