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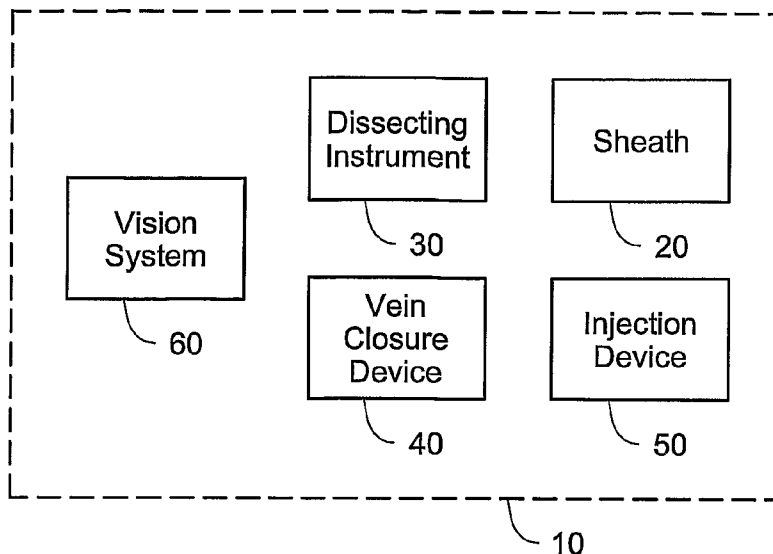
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(54) Title: VEIN CLOSURE AND INJECTION KITS AND METHODS

Fig. 1



(57) Abstract: Kits, apparatus, devices and methods for treating varicose veins caused by an incompetent venous junction (e.g., the saphenofemoral and/or saphenopopliteal junctions) are disclosed. The kits may include a sheath, a vein closure device, and an injection device. Alternatively, a vein closure device may include an integral injection channel and injection device. Methods may include injecting a vein with a sclerosing agent through a needle that extends in a direction that is not aligned with a longitudinal axis of a sheath or shaft.

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,602,251 B1 (Burbank et al), 05 August 2003; Fig. 1-39.	1-25

Further documents are listed in the continuation of Box C. See patent family annex.

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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201	Authorized officer Vy Q. Bui <i>[Signature]</i> Telephone No. 703-308-0858 <i>[Signature]</i>