

[54] **METHOD AND APPARATUS FOR CATHETER INJECTION**  
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[57] **ABSTRACT**

A device for injecting an elongated member, like a catheter, into a passageway like a blood vessel, including a body from which a feeding means like a needle extends and which contains the elongated member extending into the feeding means. The space in the body including the elongated member is sealed except for its communication to the outside of the device through the feeding means. There is provided a source of fluid for said space and a means for applying pressure to the space. The elongated member is of a smaller size than the needle passageway so the fluid placed under pressure forms a cushion around the member which is impelled by the pressure from the outer end of the feeding means.

**35 Claims, 35 Drawing Figures**

