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- (74) Agents: **LEEMING, John, Gerard** et al.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).
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- (71) Applicant (for all designated States except US): **INTELLIGENT ENGINEERING (BAHAMAS) LIMITED** [BS/BS]; Bahamas International Trust Building, Bank Lane, P.O. Box N8188, Nassau (BS).
- (71) Applicant (for MW only): **LEEMING, John, Gerard** [GB/GB]; 14 South Square, Gray's Inn, London WC1R 5JJ (GB).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **KENNEDY, Stephen, J.** [CA/CA]; 42 Hampton Avenue, Ottawa, Ontario K1Y 0N2 (CA).
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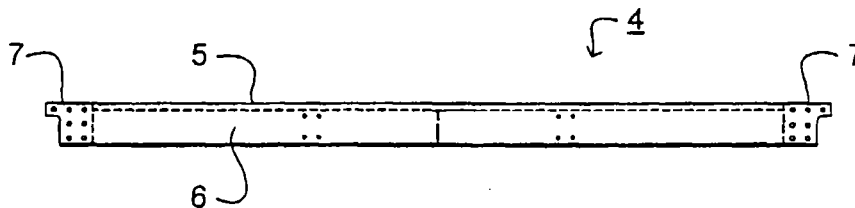


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ACTION

(54) Title: BRIDGE DECK PANELS, FABRICATION METHODS AND USE



(57) Abstract: Bridges decks or panels for bridge decks made of a metal-plastic-metal sandwich with the plastic bonded to the metal plates so as to transfer shear forces therebetween. The sandwich plates may be constructed with either a solid plastic core or a composite core consisting of plastic, metal plates or structural shapes and forms, within or without a frame of girders. Sandwich plate bridge panels without peripheral metal frames are held together only by the adhesion of the plastic to the metal plates.

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