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Gregory, J. [US/US]; 1154 E. 1000 Road, Lawrence, KS 66047 (US).

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(74) Agent: MARTIN, Michael, E.; Gardere Wynne Sewell LLP, 1601 Elm Street, Suite 3000, Dallas, TX 75201 (US).

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(71) Applicant (for all designated States except US):
KALMAR INDUSTRIES USA LLC [US/US]; 415 E. Dundee Street, Ottawa, KS 66067 (US).

(72) Inventors; and

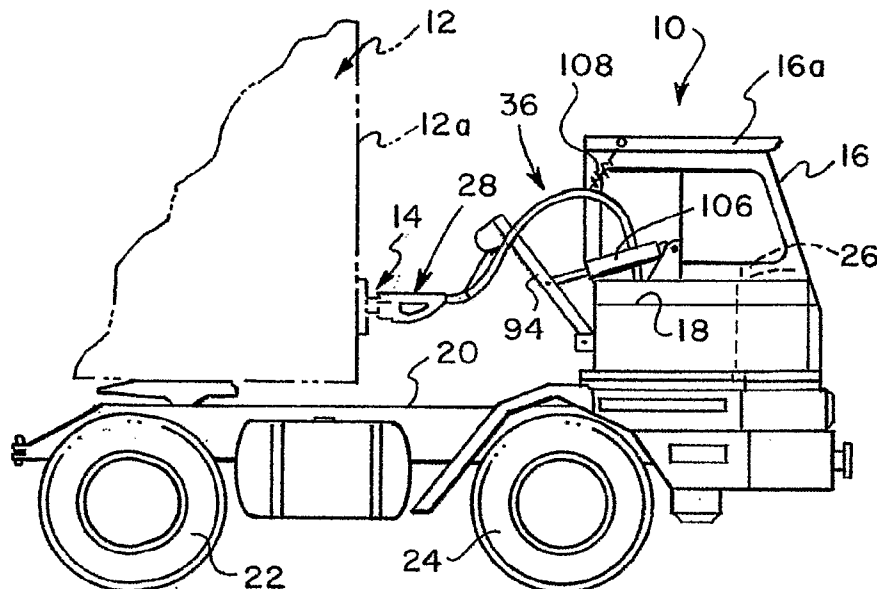
(75) Inventors/Applicants (for US only): HALVERSON, Merlin, B. [US/US]; 1052 E. 1200 Road, Lawrence, KS 66047 (US). KING, Harold, E. [US/US]; 3720 S.W. Kimstin Circle, Blue Springs, MO 64015 (US). LEHMAN,

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(54) Title: REMOTELY RELEASABLE COUPLER AND HOSE RETRIEVAL MECHANISM FOR AIRBRAKE SYSTEM



(57) Abstract: A remotely releasable brake hose coupler for pressure fluid operated brake systems, such as on a motor truck and semi-trailer unit, and a retrieval mechanism for retrieving flexible hoses connected to the coupler. Pressure air from the truck tractor brake system is conducted through a valve to an actuator for effecting movement of a coupler member to release engagement with a corresponding coupler fitting mounted on a trailer. One or more air brake hoses connected to respective remotely releasable couplers are connected to tensioning mechanisms and to a movable boom mounted on the truck tractor for extending the hoses during a remote release operation and then retracting the hoses and couplers to a stored position when the remotely releasable couplers are disconnected from the trailer fittings.

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