

US006824121B2

(12) United States Patent Boice

(10) Patent No.: US 6,824,121 B2

(45) **Date of Patent:** Nov. 30, 2004

(54) WHEEL SECURING DEVICE

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(*) Notice: Subject to any disclaimer, the term of this

patent is extended or adjusted under 35

U.S.C. 154(b) by 0 days.

(21) Appl. No.: 10/351,015

(22) Filed: Jan. 25, 2003

(65) Prior Publication Data

US 2004/0144964 A1 Jul. 29, 2004

(51)	Int. Cl.	 	B66F 3	/OC
(52)	U.S. Cl.	254/223	. 24/69	ST

254/213; 24/69 ST, 68 CD

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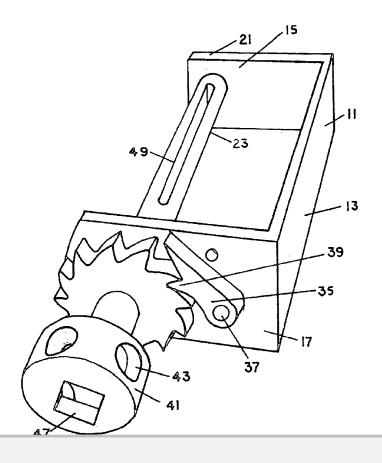
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Primary Examiner—Emmanuel Marcelo

(57) ABSTRACT

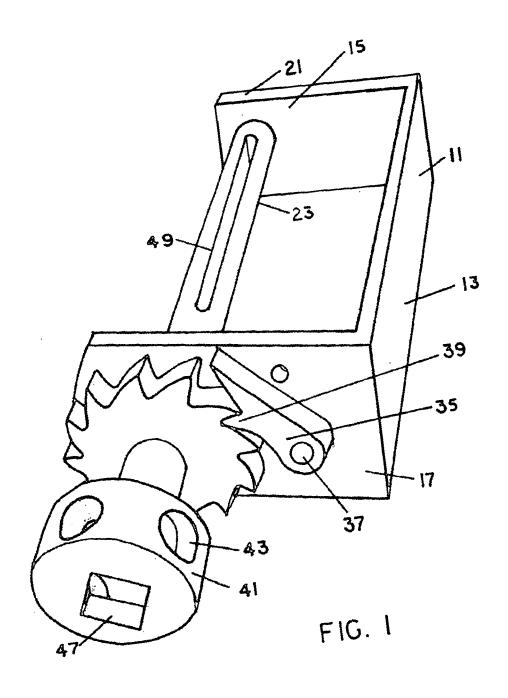
A wheel securing device is utilized with a wheel cradle of a automobile dolly for securing an automobile wheel towing an automobile. The wheel securing device includes a frame, a shaft mounted to rotate in the frame. The shaft extends beyond the frame and the shaft has a slot through it within the frame. A ratchet gear is mounted on the shaft outside and adjacent to the frame. A latch is mounted to rotate on the frame to engage the ratchet gear to permit rotation of the ratchet gear and the shaft in only one direction. A web assembly is utilized for mounting on the automobile wheel. The web assembly is connected to the shaft at the slot. A drive pulley is mounted on the shaft and the drive pulley has a nut extending from it on the side of the drive pulley opposite from the side facing the ratchet gear for tightening the web assembly on the automobile wheel. By placing the ratchet gear and latch on the outside of the frame and extending the shaft, the drive wheel can be placed outside the cradle for easy operation.

3 Claims, 4 Drawing Sheets





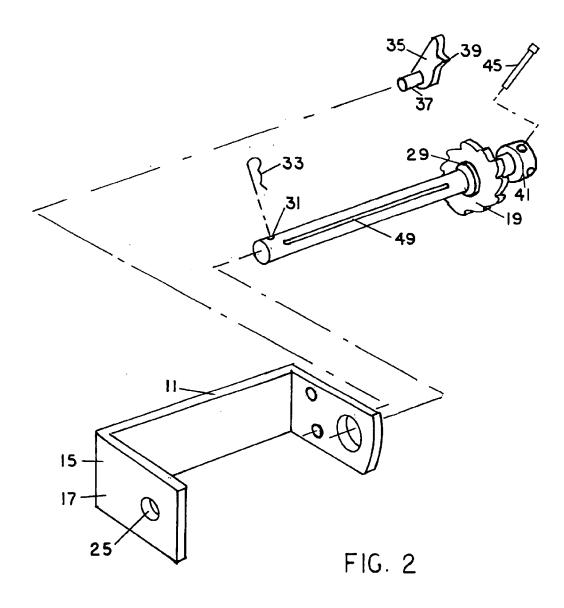
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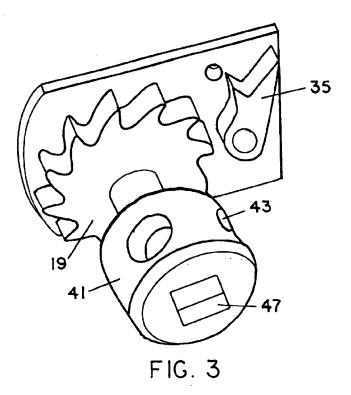


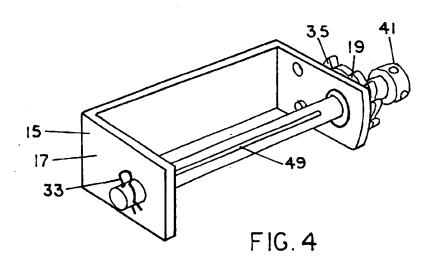
Page 2 of 8

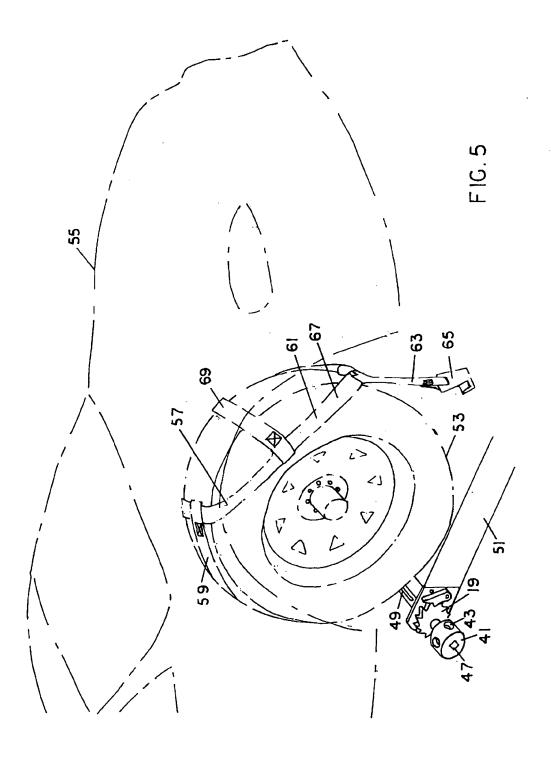














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