

US006261667B1

(12) United States Patent Yang

US 6,261,667 B1 (10) Patent No.:

(45) Date of Patent: Jul. 17, 2001

(54) MAT USED IN CARS

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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.: 09/354,067

Jul. 15, 1999 (22)Filed:

(30)Foreign Application Priority Data

(CN) 87212432

(51) **Int. Cl.**⁷ **B32B 3/00**; B62D 25/20; A47K 7/02

U.S. Cl. **428/172**; 428/85; 428/95; 428/192; 296/97.23; 15/215

428/78, 167, 192, 318.4; 296/97.23; 5/417,

420; 15/215

(56)**References Cited**

U.S. PATENT DOCUMENTS

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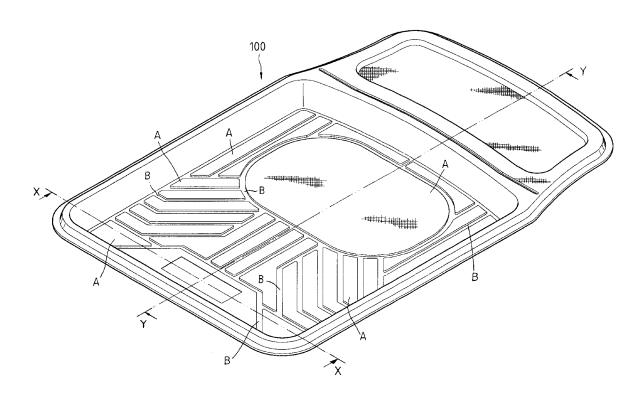
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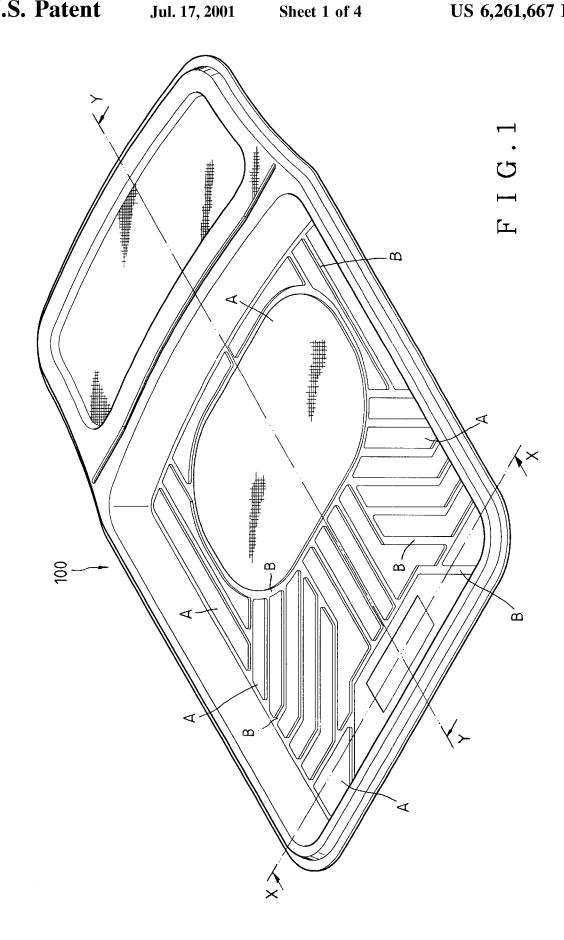
ABSTRACT (57)

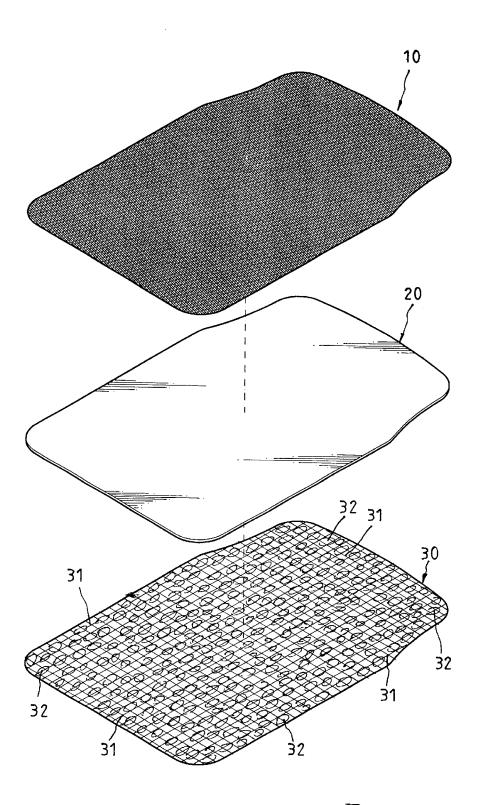
An improved mat used in cars includes an upper polyester fabric layer, a middle polyvinglehloride (PVC) layer, and a foam-coated under net layer. All three layers are placed together, and bound to form a laminated plate-shaped object. The plate-shaped mat is formed by multiple symmetrical umbos that define multiple symmetrical bevel grooves between these umbos. The sideways grooves can collect the muck from a person's shoes. When convenient, a person can take the mat out to wash without dirtying the carpet. Foam particles on the under net layer of the mat prevent the mat from moving on the carpeted floor of the vehicle.

2 Claims, 4 Drawing Sheets



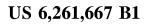


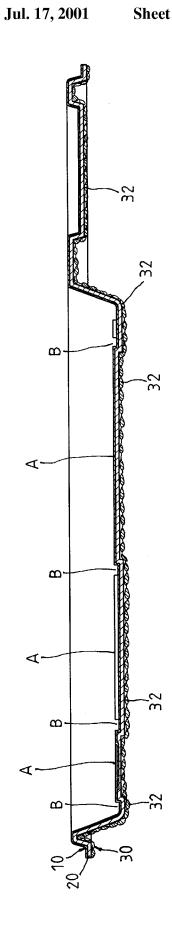




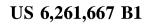
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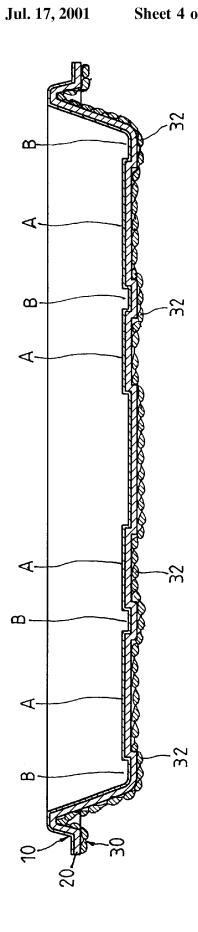














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