



US00D837111S

(12) **United States Design Patent** (10) **Patent No.:** **US D837,111 S**  
**Holton et al.** (45) **Date of Patent:** **\*\* Jan. 1, 2019**

(54) **HAND CONTROLLER OF A WORK VEHICLE**

(71) Applicant: **CNH Industrial America LLC**, New Holland, PA (US)

(72) Inventors: **Eric R. Holton**, Burr Ridge, IL (US); **Scott William TenBrink**, Waterford, WI (US); **Franz Josef Silber**, Wels (AT); **Markus Putz**, Sankt Peter in der Au (AT); **Dwayne St. George Jackson**, Plainfield, IL (US)

(73) Assignee: **CNH Industrial America LLC**, New Holland, PA (US)

(\*\*) Term: **15 Years**

(21) Appl. No.: **29/586,707**

(22) Filed: **Dec. 6, 2016**

(51) **LOC (11) Cl.** ..... **12-16**

(52) **U.S. Cl.**  
USPC ..... **D12/174**

(58) **Field of Classification Search**  
USPC ..... D12/7, 114, 126, 159, 174, 177, 179, D12/180, 192, 195, 215, 223, 345, 400, D12/415, 421, 568  
CPC .... A61M 21/00; B60L 15/20; B60R 11/0264; B64C 13/04; B64C 13/503; B64C 27/56; B64D 11/0689; B66C 13/56; G05G 1/06; G05G 1/105; G06F 3/0362; G06F 3/0482; G06F 3/04847; G09F 13/04; G09F 13/08; H03J 5/0272; H04B 1/405; H05K 11/02  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D474,137 S \* 5/2003 Wyszogrod ..... D12/192  
D526,757 S \* 8/2006 Bergman ..... B66C 13/56  
D14/415

D566,132 S \* 4/2008 Mack ..... D15/11  
D678,283 S \* 3/2013 Olson ..... D14/412  
D686,622 S \* 7/2013 Rey ..... D14/412  
D695,792 S \* 12/2013 Jensen ..... D15/28  
D698,358 S \* 1/2014 Beams ..... D14/412  
D704,189 S \* 5/2014 Rey ..... D14/412

(Continued)

**OTHER PUBLICATIONS**

Hand Controller of CX8.90 conventional combine harvester, image post date Nov. 10, 2015, site visited Aug. 1, 2018, (online), <<https://www.terre-net.fr/materiel-agricole/recolte-fenaison/article/avec-490-ch-la-cx8-90-devient-la-conventionnelle-la-plus-puissante-au-monde-208-114397.html>>.\*

(Continued)

*Primary Examiner* — Kevin K Rudzinski

*Assistant Examiner* — Sean D Lough

(74) *Attorney, Agent, or Firm* — Rickard K. DeMille; Rebecca L. Henkel

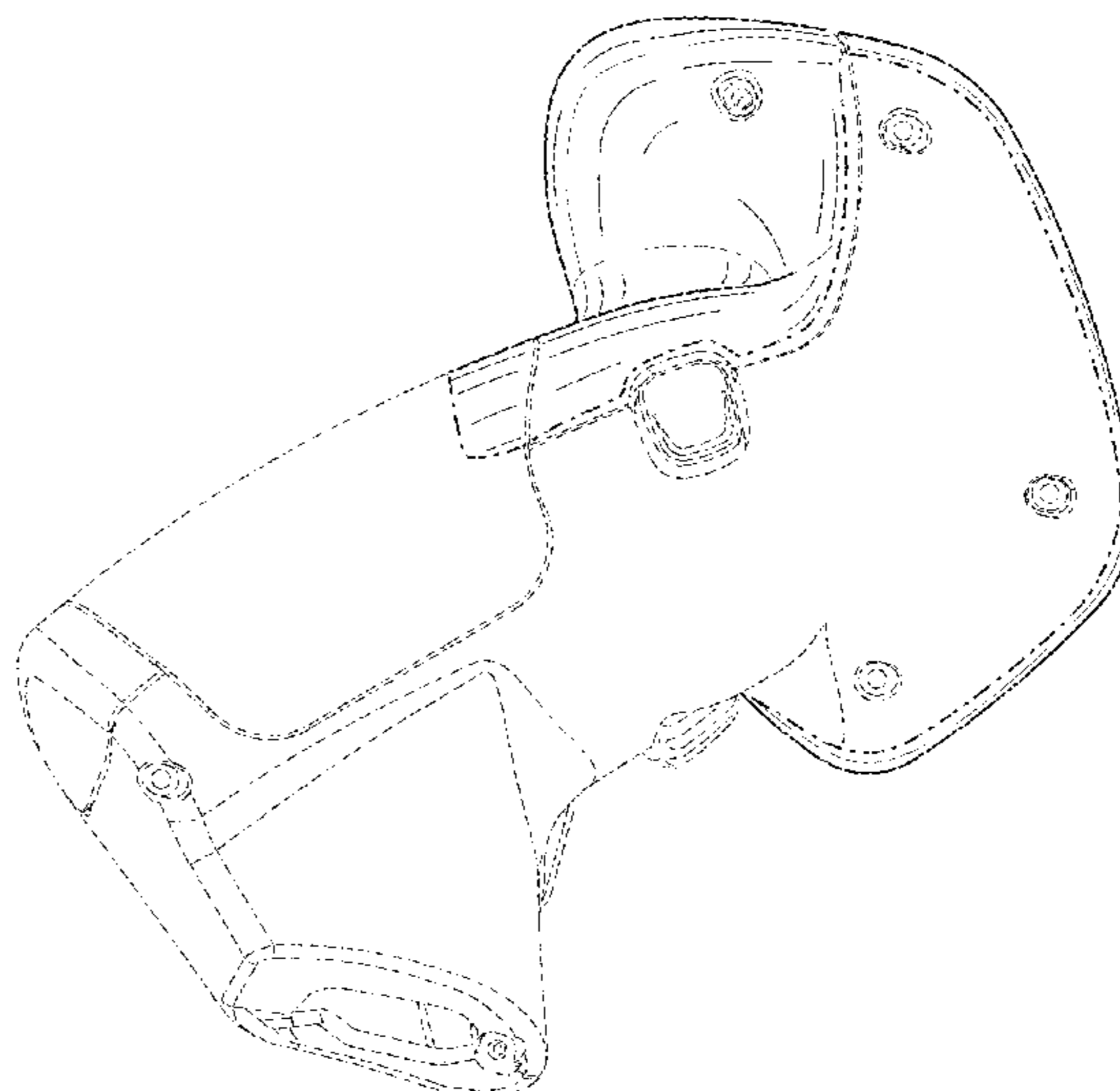
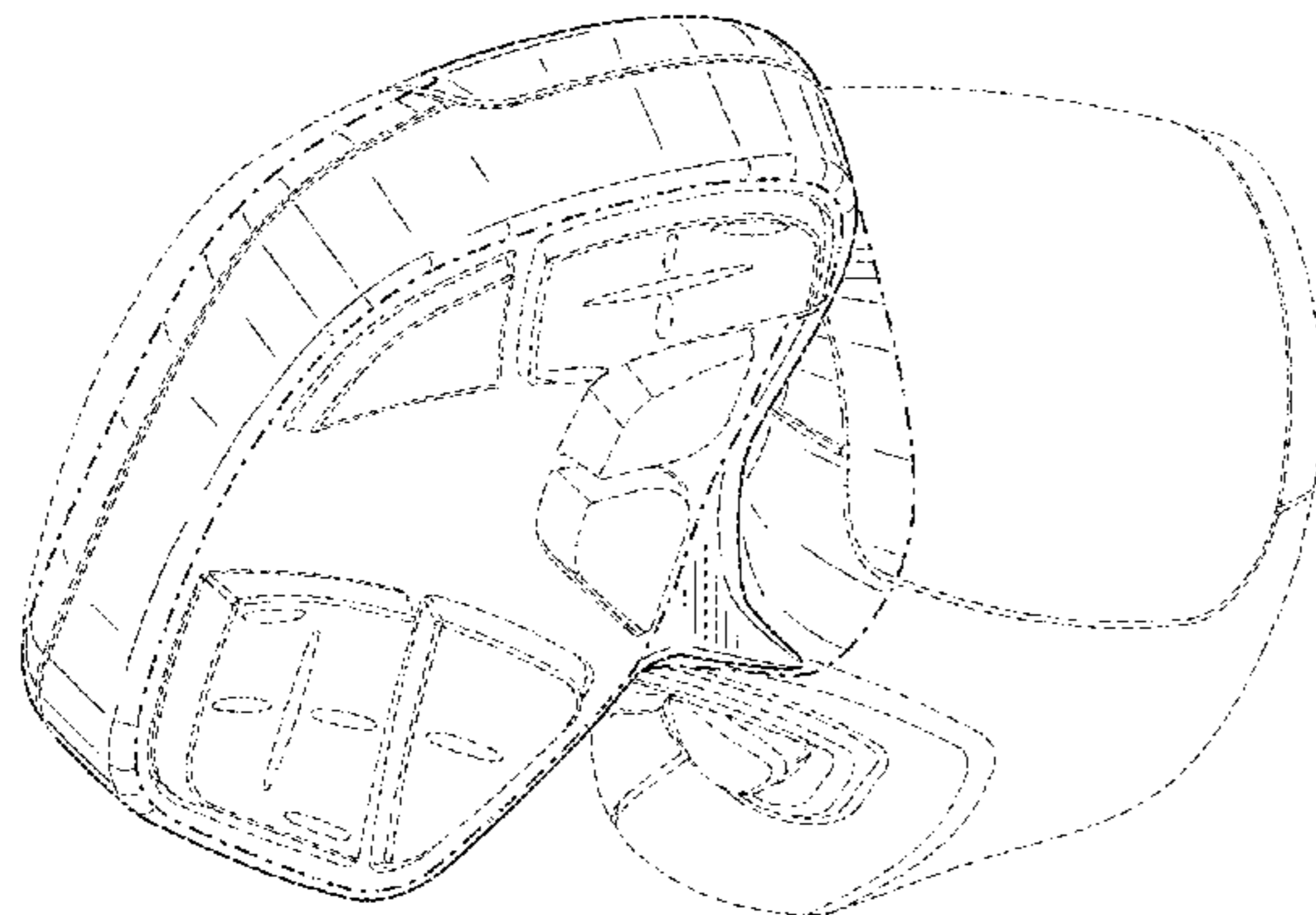
(57) **CLAIM**

The ornamental design for a hand controller of a work vehicle, substantially as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a hand controller of a work vehicle;  
FIG. 2 is a top plan view of the hand controller;  
FIG. 3 is a bottom plan view of the hand controller;  
FIG. 4 is a left side elevation view of the hand controller;  
FIG. 5 is a right side elevation view of the hand controller;  
FIG. 6 is a front elevation view of the hand controller; and,  
FIG. 7 is a back elevation view of the hand controller.  
The evenly spaced broken lines, where utilized illustrate portions of the hand controller of a work vehicle that form no part of the claimed design. The dash-dot-broken lines, where utilized, illustrate bounds of the claimed design and said broken lines form no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

8,714,049 B2 \* 5/2014 Ast ..... G05G 1/04  
296/1.09  
D707,592 S \* 6/2014 May ..... D12/114  
8,807,635 B2 \* 8/2014 Taylor ..... B60N 3/06  
296/190.08  
D720,350 S \* 12/2014 Haubrich ..... D14/415  
D723,033 S \* 2/2015 Hooock ..... D14/412  
D728,634 S \* 5/2015 Alpsten ..... D15/28  
9,058,051 B2 \* 6/2015 Miura ..... G05G 1/06  
D741,863 S \* 10/2015 Hooock ..... D14/413  
D745,008 S \* 12/2015 Jensen ..... D14/415  
D745,009 S \* 12/2015 Jensen ..... D14/415  
D749,930 S \* 2/2016 Sanchez ..... D8/310  
D751,027 S \* 3/2016 Kasparian ..... D12/345  
D753,118 S \* 4/2016 French ..... D12/179  
D759,731 S \* 6/2016 Roemer ..... D15/28  
D765,079 S \* 8/2016 Hooock ..... D14/412  
D769,178 S \* 10/2016 Kasparian ..... D12/345  
D777,803 S \* 1/2017 Wuisan ..... D15/28  
D778,219 S \* 2/2017 Choi ..... D12/174  
D784,785 S \* 4/2017 Sasaki ..... D12/179  
D786,944 S \* 5/2017 Okuyama ..... D15/28  
D797,584 S \* 9/2017 Venth ..... D10/65  
D797,743 S \* 9/2017 Awad ..... D14/412  
D800,784 S \* 10/2017 Collins ..... D15/5  
D801,907 S \* 11/2017 Gilman ..... D12/215  
D801,974 S \* 11/2017 Stadlbauer ..... D14/415  
D810,083 S \* 2/2018 Kirkland ..... D14/412

D811,296 S \* 2/2018 Cadalora ..... D12/177  
D811,297 S \* 2/2018 Miura ..... D12/179  
D811,298 S \* 2/2018 Miura ..... D12/179  
D814,370 S \* 4/2018 Kim ..... D12/174  
9,963,084 B2 \* 5/2018 Jacobsthal ..... A01D 41/12  
2006/0042857 A1 \* 3/2006 Catton ..... B60N 2/767  
180/334  
2007/0144133 A1 \* 6/2007 Drake ..... A01D 34/82  
56/323  
2011/0072934 A1 \* 3/2011 Ulbrich ..... G05G 1/06  
74/558.5  
2015/0190826 A1 \* 7/2015 Gang ..... B05B 7/2464  
239/304  
2017/0355402 A1 \* 12/2017 Huenemann ..... B60N 2/04

OTHER PUBLICATIONS

Controllers of New holland t4.65 powerstar, image post date 2012, site visited Aug. 1, 2018, (online), <<http://www.affaretrattore.it/annunci/new-holland-t4-65-powerstar-364557.html>>.\*  
Gar selector in the 2015 Jeep Grand Cherokee, image post date Jun. 22, 2016, site visited Aug. 1, 2018, (online), <<https://money.cnn.com/2016/06/22/autos/jeep-chrysler-shifter-recall-fix/index.html>>.\*  
Gear shifters from the New York Auto Show, image post date Apr. 20, 2017, site visited Jul. 30, 2018, (online), <<https://www.theverge.com/2017/4/20/15346160/gear-shifters-bmw-volvo-honda-ford-lexus-cadillac-new-york-international-auto-show>>.\*

\* cited by examiner

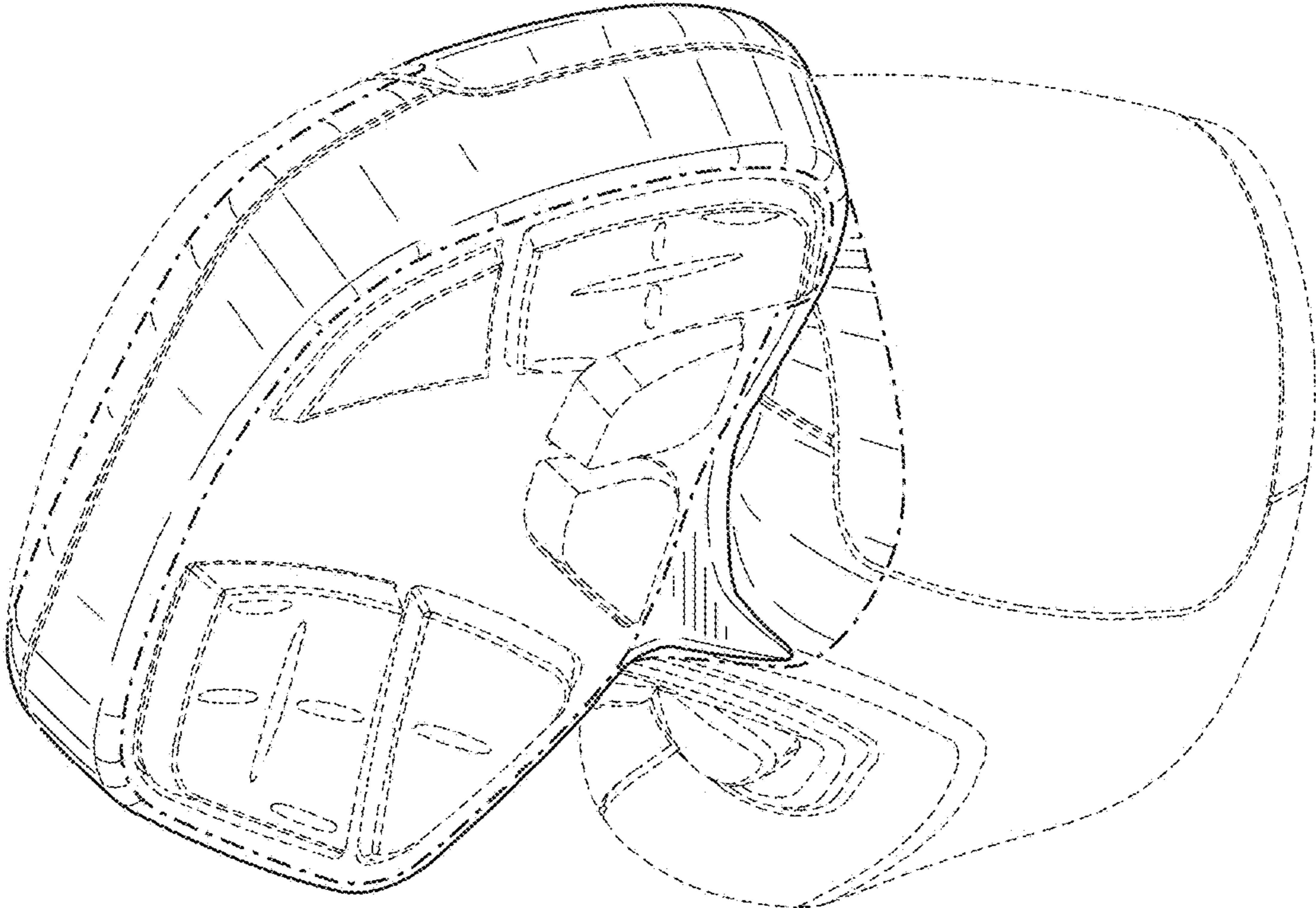


FIG. 1

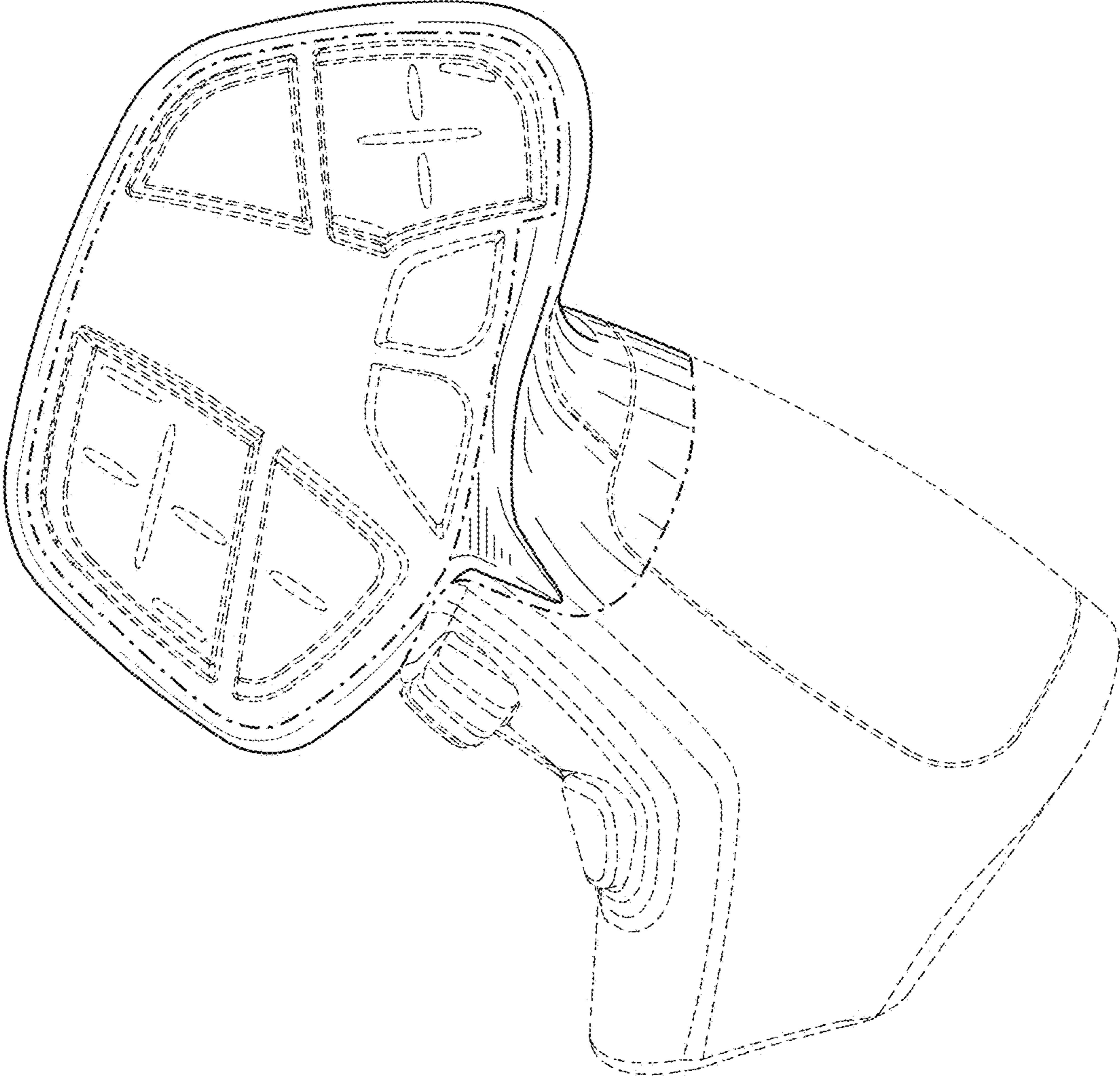


FIG. 2

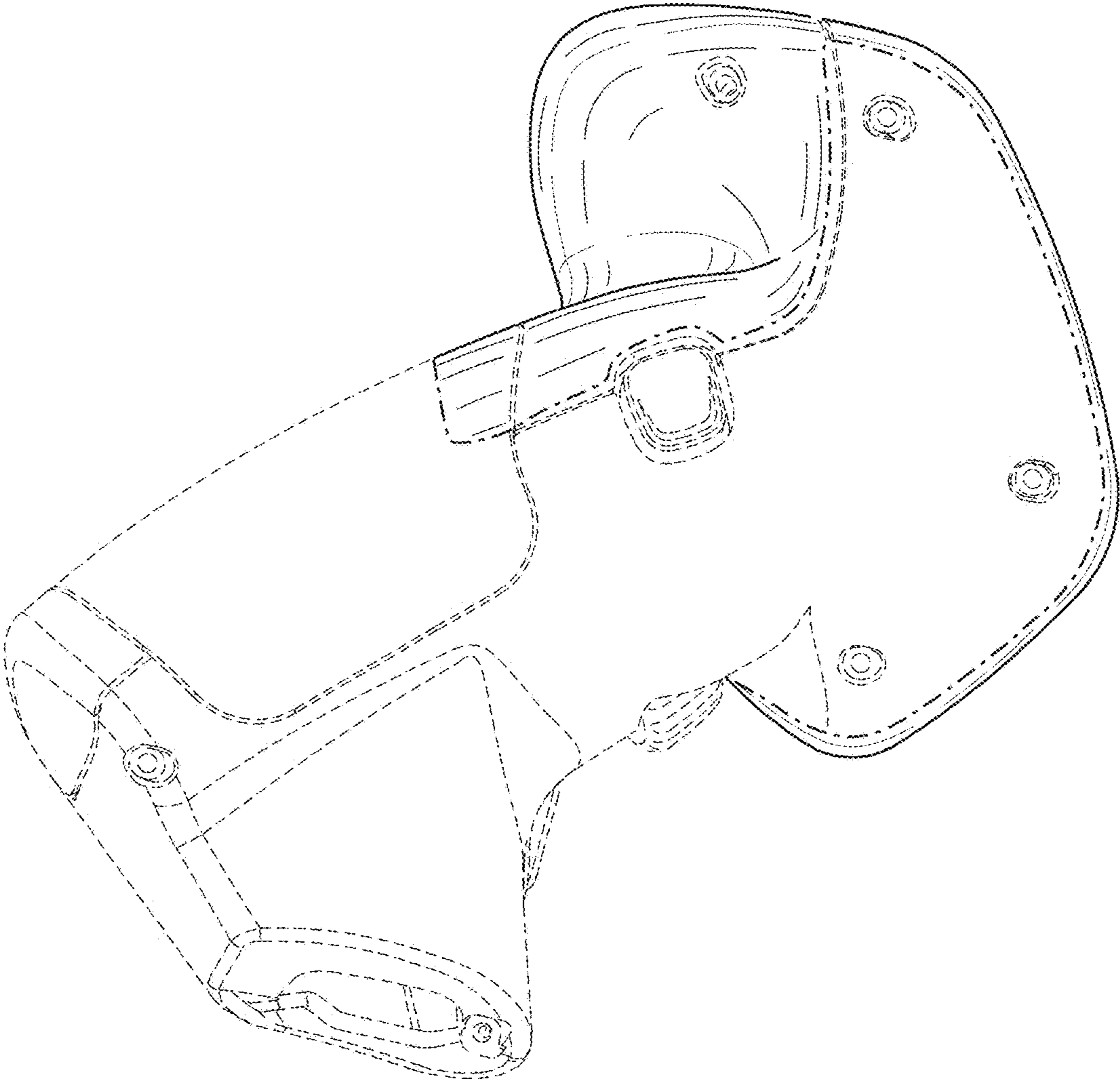


FIG. 3

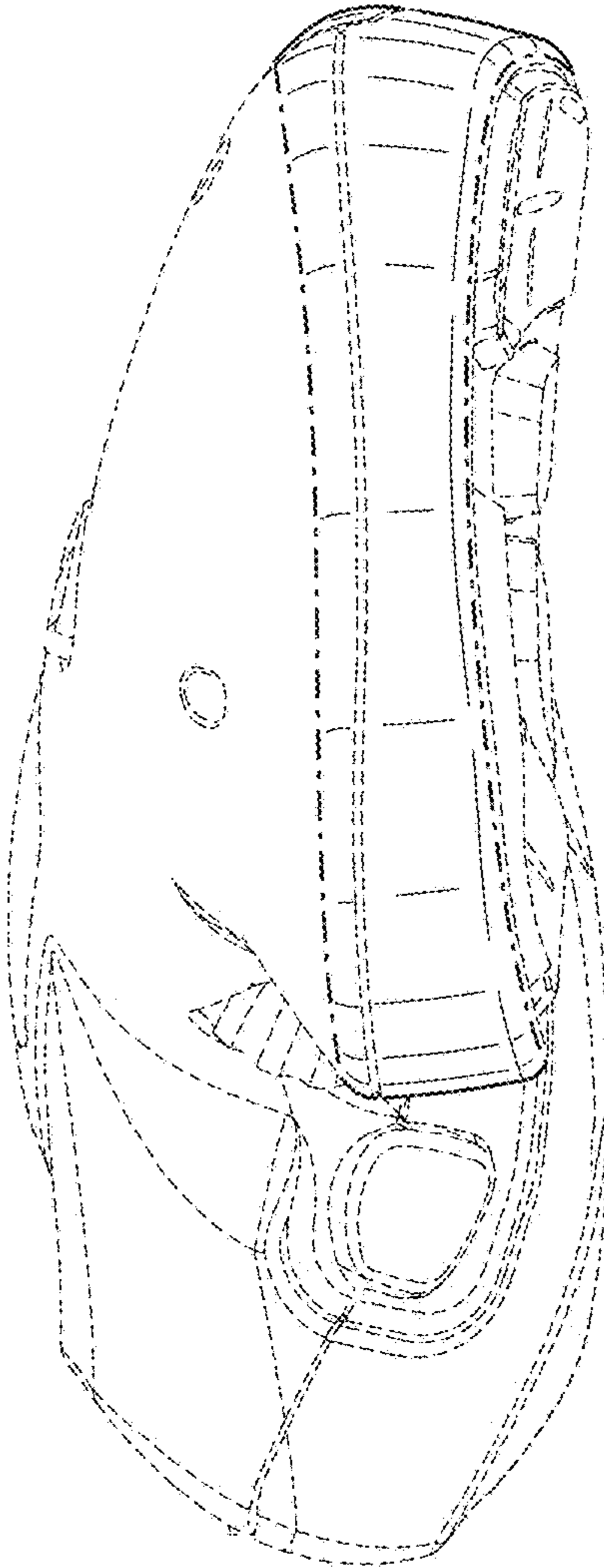


FIG. 4

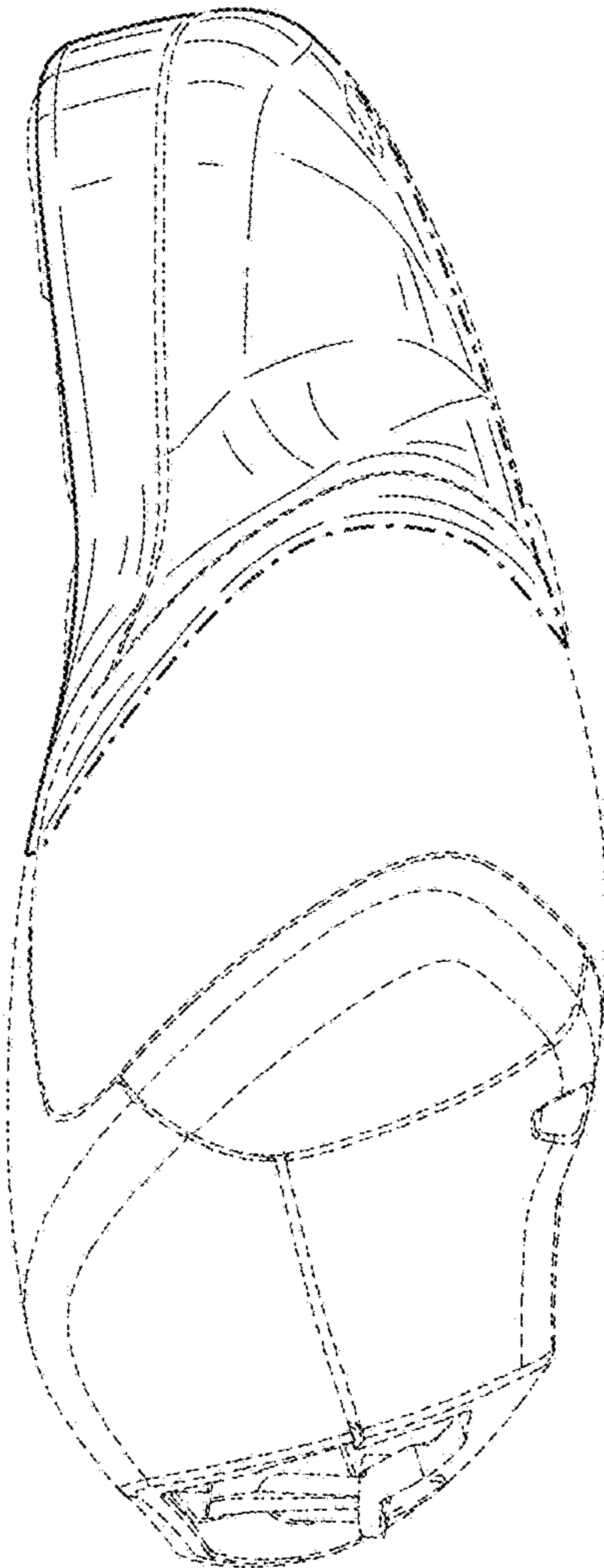


FIG. 5

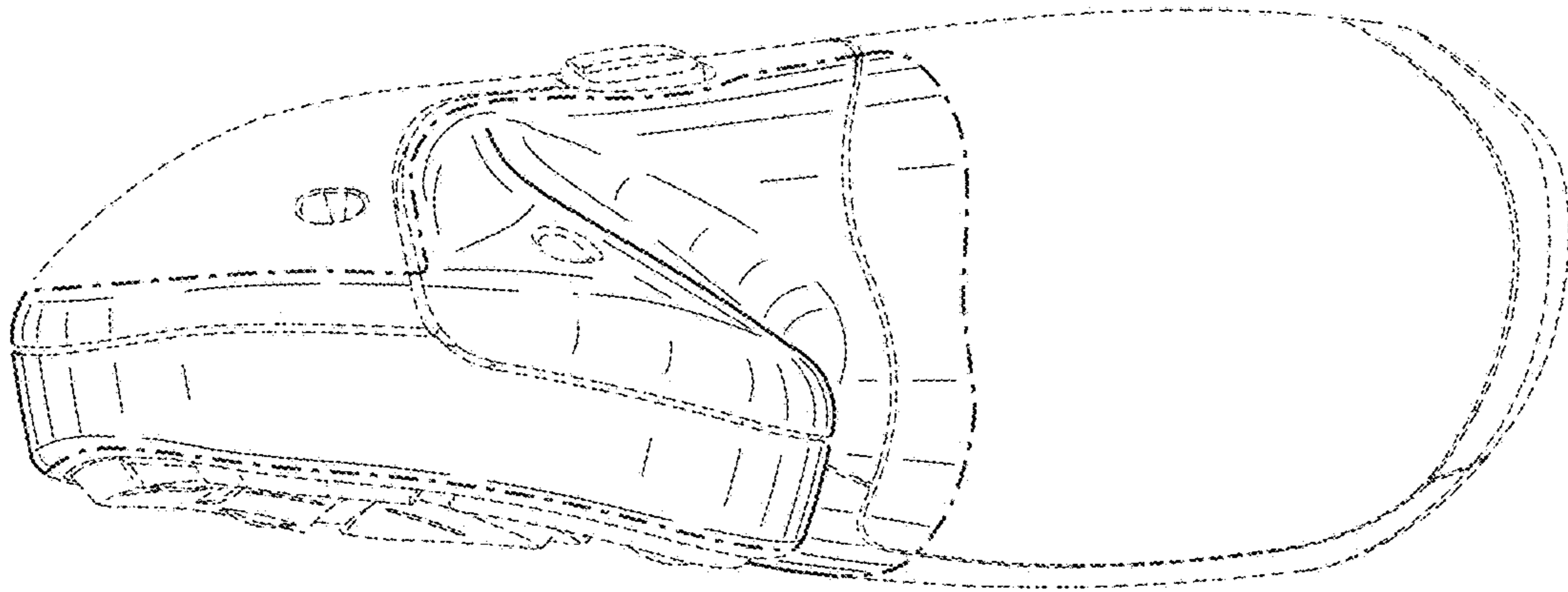


FIG. 6

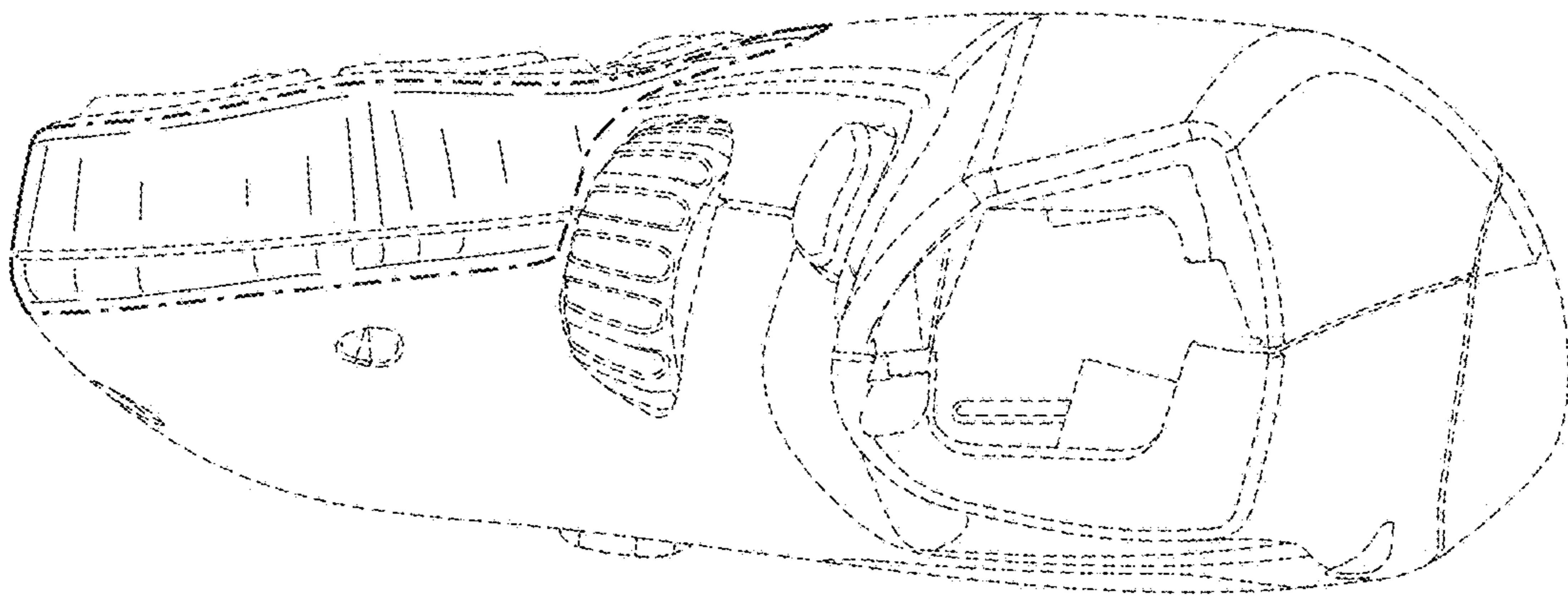


FIG. 7