



(12) **United States Design Patent**  
**Shabi et al.**

(10) **Patent No.:** **US D990,100 S**  
(45) **Date of Patent:** **\*\* Jun. 27, 2023**

(54) **HAT**  
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(73) Assignee: **Tomgal, LLC**, Fort Lauderdale, FL (US)  
(\*\*) Term: **15 Years**

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(21) Appl. No.: **29/706,860**  
(22) Filed: **Sep. 24, 2019**  
(51) **LOC (14) Cl.** ..... **02-03**  
(52) **U.S. Cl.**  
USPC ..... **D2/889**  
(58) **Field of Classification Search**  
USPC ..... D2/865, 866, 867, 869, 870, 873, 878,  
D2/879, 882, 883, 888, 889, 891, 895  
CPC .. A42B 1/00; A42B 1/004; A42B 1/04; A42B  
1/041; A42B 1/12; A42B 1/225; A42B  
1/248  
See application file for complete search history.

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DFKD JKFD Unisex 3D Knitted Hat Skull Hat Beanie Cap-Math Only Subject, [online]; [date first listed to the internet on Nov. 27, 2018]; [retrieved from the internet on Aug. 5, 2021]; URL: <https://www.phimjavn.com/dfkd-jkfd-unisex-3d-knitted-hat-skull-hat-beanie-cap-math-only-subject-p-273758.htm>. (3 pgs). (Year: 2018).\*

*Primary Examiner* — Jasmine Mlinarcik  
(74) *Attorney, Agent, or Firm* — Fleit Intellectual Property Law; Jon Gibbons

(57) **CLAIM**

The ornamental design for a hat, as shown and described.

(56) **References Cited**

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**DESCRIPTION**

FIG. 1 is a perspective view of a first embodiment of a hat with the text of ARIZONA and the letters AZ, showing our new design;  
FIG. 2 is a front elevational view corresponding to FIG. 1;  
FIG. 3 is a rear elevational view corresponding to FIG. 1;  
FIG. 4 is a right side elevational view corresponding to FIG. 1;  
FIG. 5 is a left side elevational view corresponding to FIG. 1;  
FIG. 6 is a top elevational view corresponding to FIG. 1;  
FIG. 7 is a perspective view of a second embodiment of a hat with the text of ATLANTA and the letter A, showing our new design;  
FIG. 8 is a front elevational view corresponding to FIG. 7;  
FIG. 9 is a rear elevational view corresponding to FIG. 7;  
FIG. 10 is a right side elevational view corresponding to FIG. 7;

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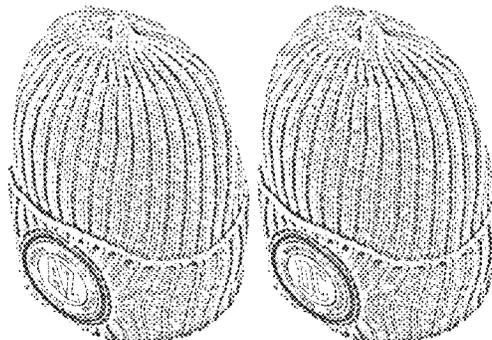


FIG. 11 is a left side elevational view corresponding to FIG. 7;

FIG. 12 is a top elevational view corresponding to FIG. 7; FIG. 13 is a perspective view of a third embodiment of a hat with the text of BOSTON and the letter B, showing our new design;

FIG. 14 is a front elevational view corresponding to FIG. 13; FIG. 15 is a rear elevational view corresponding to FIG. 13; FIG. 16 is a right side elevational view corresponding to FIG. 13;

FIG. 17 is a left side elevational view corresponding to FIG. 13;

FIG. 18 is a top elevational view corresponding to FIG. 13; FIG. 19 is a perspective view of a fourth embodiment of a hat with the text of CALIFORNIA and the letters CA, showing our new design;

FIG. 20 is a front elevational view corresponding to FIG. 19; FIG. 21 is a rear elevational view corresponding to FIG. 19; FIG. 22 is a right side elevational view corresponding to FIG. 19;

FIG. 23 is a left side elevational view corresponding to FIG. 19;

FIG. 24 is a top elevational view corresponding to FIG. 19; FIG. 25 is a perspective view of a fifth embodiment of a hat with the text of CHARLESTON and the letter C, showing our new design

FIG. 26 is a front elevational view corresponding to FIG. 25; FIG. 27 is a rear elevational view corresponding to FIG. 25; FIG. 28 is a right side elevational view corresponding to FIG. 25;

FIG. 29 is a left side elevational view corresponding to FIG. 25;

FIG. 30 is a top elevational view corresponding to FIG. 25; FIG. 31 is a perspective view of a sixth embodiment of a hat with the text of CHARLOTTE and the letter C, showing our new design;

FIG. 32 is a front elevational view corresponding to FIG. 31; FIG. 33 is a rear elevational view corresponding to FIG. 31; FIG. 34 is a right side elevational view corresponding to FIG. 31;

FIG. 35 is a left side elevational view corresponding to FIG. 31;

FIG. 36 is a top elevational view corresponding to FIG. 31; FIG. 37 is a perspective view of a seventh embodiment of a hat with the text of CHICAGO and the letter C, showing our new design

FIG. 38 is a front elevational view corresponding to FIG. 37; FIG. 39 is a rear elevational view corresponding to FIG. 37; FIG. 40 is a right side elevational view corresponding to FIG. 37;

FIG. 41 is a left side elevational view corresponding to FIG. 37;

FIG. 42 is a top elevational view corresponding to FIG. 37; FIG. 43 is a perspective view of an eighth embodiment of a hat with the text of COLORADO and the letters CO, showing our new design;

FIG. 44 is a front elevational view corresponding to FIG. 43; FIG. 45 is a rear elevational view corresponding to FIG. 43; FIG. 46 is a right side elevational view corresponding to FIG. 43;

FIG. 47 is a left side elevational view corresponding to FIG. 43;

FIG. 48 is a top elevational view corresponding to FIG. 43;

FIG. 49 is a perspective view of a ninth embodiment of a hat with the text of DALLAS and the letter D, showing our new design;

FIG. 50 is a front elevational view corresponding to FIG. 49; FIG. 51 is a rear elevational view corresponding to FIG. 49; FIG. 52 is a right side elevational view corresponding to FIG. 49;

FIG. 53 is a left side elevational view corresponding to FIG. 49;

FIG. 54 is a top elevational view corresponding to FIG. 49; FIG. 55 is a perspective view of a tenth embodiment of a hat with the text of DENVER and the letter D, showing our new design;

FIG. 56 is a front elevational view corresponding to FIG. 55; FIG. 57 is a rear elevational view corresponding to FIG. 55; FIG. 58 is a right side elevational view corresponding to FIG. 55;

FIG. 59 is a left side elevational view corresponding to FIG. 55;

FIG. 60 is a top elevational view corresponding to FIG. 55; FIG. 61 is a perspective view of an eleventh embodiment of a hat with the text of DESTIN and the letter D, showing our new design;

FIG. 62 is a front elevational view corresponding to FIG. 61; FIG. 63 is a rear elevational view corresponding to FIG. 61; FIG. 64 is a right side elevational view corresponding to FIG. 61;

FIG. 65 is a left side elevational view corresponding to FIG. 61;

FIG. 66 is a top elevational view corresponding to FIG. 61; FIG. 67 is a perspective view of a twelfth embodiment of a hat with the text of DETROIT and the letter D, showing our new design;

FIG. 68 is a front elevational view corresponding to FIG. 67; FIG. 69 is a rear elevational view corresponding to FIG. 67; FIG. 70 is a right side elevational view corresponding to FIG. 67;

FIG. 71 is a left side elevational view corresponding to FIG. 67;

FIG. 72 is a top elevational view corresponding to FIG. 67; FIG. 73 is a perspective view of a thirteenth embodiment of a hat with the text of FLORIDA and the letters FL, showing our new design;

FIG. 74 is a front elevational view corresponding to FIG. 73; FIG. 75 is a rear elevational view corresponding to FIG. 73; FIG. 76 is a right side elevational view corresponding to FIG. 73;

FIG. 77 is a left side elevational view corresponding to FIG. 73;

FIG. 78 is a top elevational view corresponding to FIG. 73; FIG. 79 is a perspective view of a fourteenth embodiment of a hat with the text of GUAM and the letter G, showing our new design;

FIG. 80 is a front elevational view corresponding to FIG. 79; FIG. 81 is a rear elevational view corresponding to FIG. 79; FIG. 82 is a right side elevational view corresponding to FIG. 79;

FIG. 83 is a left side elevational view corresponding to FIG. 79;

FIG. 84 is a top elevational view corresponding to FIG. 79; FIG. 85 is a perspective view of a fifteenth embodiment of a hat with the text of Hawaii and the letters HI, showing our new design;

FIG. 86 is a front elevational view corresponding to FIG. 85; FIG. 87 is a rear elevational view corresponding to FIG. 85;

FIG. 88 is a right side elevational view corresponding to FIG. 85;

FIG. 89 is a left side elevational view corresponding to FIG. 85;

FIG. 90 is a top elevational view corresponding to FIG. 85; FIG. 91 is a perspective view of a sixteenth embodiment with the text of HONOLULU and the letter H, showing our new design;

FIG. 92 is a front elevational view corresponding to FIG. 91;

FIG. 93 is a rear elevational view corresponding to FIG. 91;

FIG. 94 is a right side elevational view corresponding to FIG. 91;

FIG. 95 is a left side elevational view corresponding to FIG. 91;

FIG. 96 is a top elevational view corresponding to FIG. 91;

FIG. 97 is a perspective view of a seventeenth embodiment of a hat with the text of HOUSTON and the letter H, showing our new design;

FIG. 98 is a front elevational view corresponding to FIG. 97;

FIG. 99 is a rear elevational view corresponding to FIG. 97;

FIG. 100 is a right side elevational view corresponding to FIG. 97;

FIG. 101 is a left side elevational view corresponding to FIG. 97;

FIG. 102 is a top elevational view corresponding to FIG. 97;

FIG. 103 is a perspective view of an eighteenth embodiment of a hat with the text of LAS VEGAS and the letters LV, showing our new design;

FIG. 104 is a front elevational view corresponding to FIG. 103;

FIG. 105 is a rear elevational view corresponding to FIG. 103;

FIG. 106 is a right side elevational view corresponding to FIG. 103;

FIG. 107 is a left side elevational view corresponding to FIG. 103;

FIG. 108 is a top elevational view corresponding to FIG. 103;

FIG. 109 is a perspective view of a nineteenth embodiment of a hat with the text of LOS ANGELES and the letters LA, showing our new design;

FIG. 110 is a front elevational view corresponding to FIG. 109;

FIG. 111 is a rear elevational view corresponding to FIG. 109;

FIG. 112 is a right side elevational view corresponding to FIG. 109;

FIG. 113 is a left side elevational view corresponding to FIG. 109;

FIG. 114 is a top elevational view corresponding to FIG. 109;

FIG. 115 is a perspective view of a twentieth embodiment of a hat with the text of MAINE and the letter M, showing our new design;

FIG. 116 is a front elevational view corresponding to FIG. 115;

FIG. 117 is a rear elevational view corresponding to FIG. 115;

FIG. 118 is a right side elevational view corresponding to FIG. 115;

FIG. 119 is a left side elevational view corresponding to FIG. 115;

FIG. 120 is a top elevational view corresponding to FIG. 115;

FIG. 121 is a perspective view of a twenty-first embodiment of a hat with the text of MAUI and the letter M, showing our new design;

FIG. 122 is a front elevational view corresponding to FIG. 121;

FIG. 123 is a rear elevational view corresponding to FIG. 121;

FIG. 124 is a right side elevational view corresponding to FIG. 121;

FIG. 125 is a left side elevational view corresponding to FIG. 121;

FIG. 126 is a top elevational view corresponding to FIG. 121;

FIG. 127 is a perspective view of a twenty-second embodiment of a hat with the text of MIAMI and the letter M, showing our new design;

FIG. 128 is a front elevational view corresponding to FIG. 127;

FIG. 129 is a rear elevational view corresponding to FIG. 127;

FIG. 130 is a right side elevational view corresponding to FIG. 127;

FIG. 131 is a left side elevational view corresponding to FIG. 127;

FIG. 132 is a top elevational view corresponding to FIG. 127;

FIG. 133 is a perspective view of a twenty-third embodiment of a hat with the text of MICHIGAN and the letters MI, showing our new design;

FIG. 134 is a front elevational view corresponding to FIG. 133;

FIG. 135 is a rear elevational view corresponding to FIG. 133;

FIG. 136 is a right side elevational view corresponding to FIG. 133;

FIG. 137 is a left side elevational view corresponding to FIG. 133;

FIG. 138 is a top elevational view corresponding to FIG. 133;

FIG. 139 is a perspective view of a twenty-fourth embodiment of a hat with the text of NEW ORLEANS and the letters NO, showing our new design;

FIG. 140 is a front elevational view corresponding to FIG. 139;

FIG. 141 is a rear elevational view corresponding to FIG. 139;

FIG. 142 is a right side elevational view corresponding to FIG. 139;

FIG. 143 is a left side elevational view corresponding to FIG. 139;

FIG. 144 is a top elevational view corresponding to FIG. 139;

FIG. 145 is a perspective view of a twenty-fifth embodiment of a hat with the text of NEW YORK CITY and the letters NYC, showing our new design;

FIG. 146 is a front elevational view corresponding to FIG. 145;

FIG. 147 is a rear elevational view corresponding to FIG. 145;

FIG. 148 is a right side elevational view corresponding to FIG. 145;

FIG. 149 is a left side elevational view corresponding to FIG. 145;

FIG. 150 is a top elevational view corresponding to FIG. 145;

FIG. 151 is a perspective view of a twenty-sixth embodiment of a hat with the text of NORTH CAROLINA and the letters NC, showing our new design;

FIG. 152 is a front elevational view corresponding to FIG. 151;

FIG. 153 is a rear elevational view corresponding to FIG. 151;

FIG. 154 is a right side elevational view corresponding to FIG. 151;

FIG. 155 is a left side elevational view corresponding to FIG. 151;

FIG. 156 is a top elevational view corresponding to FIG. 151;

FIG. 157 is a perspective view of a twenty-seventh embodiment of a hat with the text of ORLANDO and the letter O, showing our new design;

FIG. 158 is a front elevational view corresponding to FIG. 157;

FIG. 159 is a rear elevational view corresponding to FIG. 157;

FIG. 160 is a right side elevational view corresponding to FIG. 157;

FIG. 161 is a left side elevational view corresponding to FIG. 157;

FIG. 162 is a top elevational view corresponding to FIG. 157;

FIG. 163 is a perspective view of a twenty-eighth embodiment of a hat with the text of PANAMA CITY BEACH and the letters PCB, showing our new design;

FIG. 164 is a front elevational view corresponding to FIG. 163;

FIG. 165 is a rear elevational view corresponding to FIG. 163;

FIG. 166 is a right side elevational view corresponding to FIG. 163;

FIG. 167 is a left side elevational view corresponding to FIG. 163;

FIG. 168 is a top elevational view corresponding to FIG. 163;

FIG. 169 is a perspective view of a twenty-ninth embodiment of a hat with the text of PHILADELPHIA and the numbers 76, showing our new design;

FIG. 170 is a front elevational view corresponding to FIG. 169;

FIG. 171 is a rear elevational view corresponding to FIG. 169;

FIG. 172 is a right side elevational view corresponding to FIG. 169;

FIG. 173 is a left side elevational view corresponding to FIG. 169;

FIG. 174 is a top elevational view corresponding to FIG. 169;

FIG. 175 is a perspective view of a thirtieth embodiment of a hat with the text of PUERTO RICO and the letters PR, showing our new design;

FIG. 176 is a front elevational view corresponding to FIG. 175;

FIG. 177 is a rear elevational view corresponding to FIG. 175;

FIG. 178 is a right side elevational view corresponding to FIG. 175;

FIG. 179 is a left side elevational view corresponding to FIG. 175;

FIG. 180 is a top elevational view corresponding to FIG. 175;

FIG. 181 is a perspective view of a thirty-first embodiment of a hat with the text of SAIPAN and the letter S, showing our new design;

FIG. 182 is a front elevational view corresponding to FIG. 181;

FIG. 183 is a rear elevational view corresponding to FIG. 181;

FIG. 184 is a right side elevational view corresponding to FIG. 181;

FIG. 185 is a left side elevational view corresponding to FIG. 181;

FIG. 186 is a top elevational view corresponding to FIG. 181;

FIG. 187 is a perspective view of a thirty-second embodiment of a hat with the text of SALT LAKE CITY and the letters SLC, showing our new design;

FIG. 188 is a front elevational view corresponding to FIG. 187;

FIG. 189 is a rear elevational view corresponding to FIG. 187;

FIG. 190 is a right side elevational view corresponding to FIG. 187;

FIG. 191 is a left side elevational view corresponding to FIG. 187;

FIG. 192 is a top elevational view corresponding to FIG. 187;

FIG. 193 is a perspective view of a thirty-third embodiment of a hat with the text of SAN ANTONIO and the letters SA, showing our new design;

FIG. 194 is a front elevational view corresponding to FIG. 193;

FIG. 195 is a rear elevational view corresponding to FIG. 193;

FIG. 196 is a right side elevational view corresponding to FIG. 193;

FIG. 197 is a left side elevational view corresponding to FIG. 193;

FIG. 198 is a top elevational view corresponding to FIG. 193;

FIG. 199 is a perspective view of a thirty-fourth embodiment of a hat with the text of SAN DIEGO and the letters SD, showing our new design;

FIG. 200 is a front elevational view corresponding to FIG. 199;

FIG. 201 is a rear elevational view corresponding to FIG. 199;

FIG. 202 is a right side elevational view corresponding to FIG. 199;

FIG. 203 is a left side elevational view corresponding to FIG. 199;

FIG. 204 is a top elevational view corresponding to FIG. 199;

FIG. 205 is a perspective view of a thirty-fifth embodiment of a hat with the text of SAN FRANCISCO and the letters SF, showing our new design;

FIG. 206 is a front elevational view corresponding to FIG. 205;

FIG. 207 is a rear elevational view corresponding to FIG. 205;

FIG. 208 is a right side elevational view corresponding to FIG. 205;

FIG. 209 is a left side elevational view corresponding to FIG. 205;

FIG. 210 is a top elevational view corresponding to FIG. 205;

FIG. 211 is a perspective view of a thirty-sixth embodiment of a hat with the text of SEATTLE and the letter S, showing our new design;

FIG. 212 is a front elevational view corresponding to FIG. 211;

FIG. 213 is a rear elevational view corresponding to FIG. 211;

FIG. 214 is a right side elevational view corresponding to FIG. 211;

FIG. 215 is a left side elevational view corresponding to FIG. 211;

FIG. 216 is a top elevational view corresponding to FIG. 211;

FIG. 217 is a perspective view of a thirty-seventh embodiment of a hat with the text of TEXAS and the letters TX, showing our new design;

FIG. 218 is a front elevational view corresponding to FIG. 217;

FIG. 219 is a rear elevational view corresponding to FIG. 217;

FIG. 220 is a right side elevational view corresponding to FIG. 217;

FIG. 221 is a left side elevational view corresponding to FIG. 217;

FIG. 222 is a top elevational view corresponding to FIG. 217;

FIG. 223 is a perspective view of a thirty-eighth embodiment of a hat with the text of WASHINGTON DC and the letters DC, showing our new design;

FIG. 224 is a front elevational view corresponding to FIG. 233;

FIG. 225 is a rear elevational view corresponding to FIG. 233;

FIG. 226 is a right side elevational view corresponding to FIG. 233;

FIG. 227 is a left side elevational view corresponding to FIG. 233; and,

FIG. 228 is a top elevational view corresponding to FIG. 233.

**1 Claim, 228 Drawing Sheets**

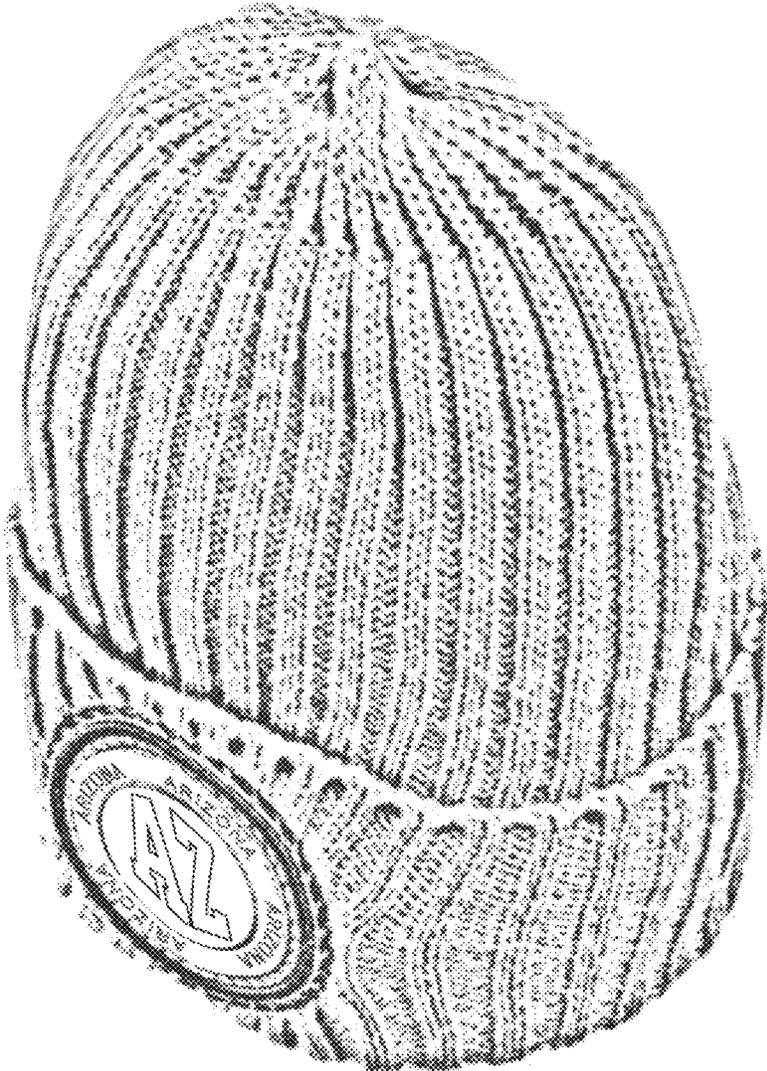


FIG. 1

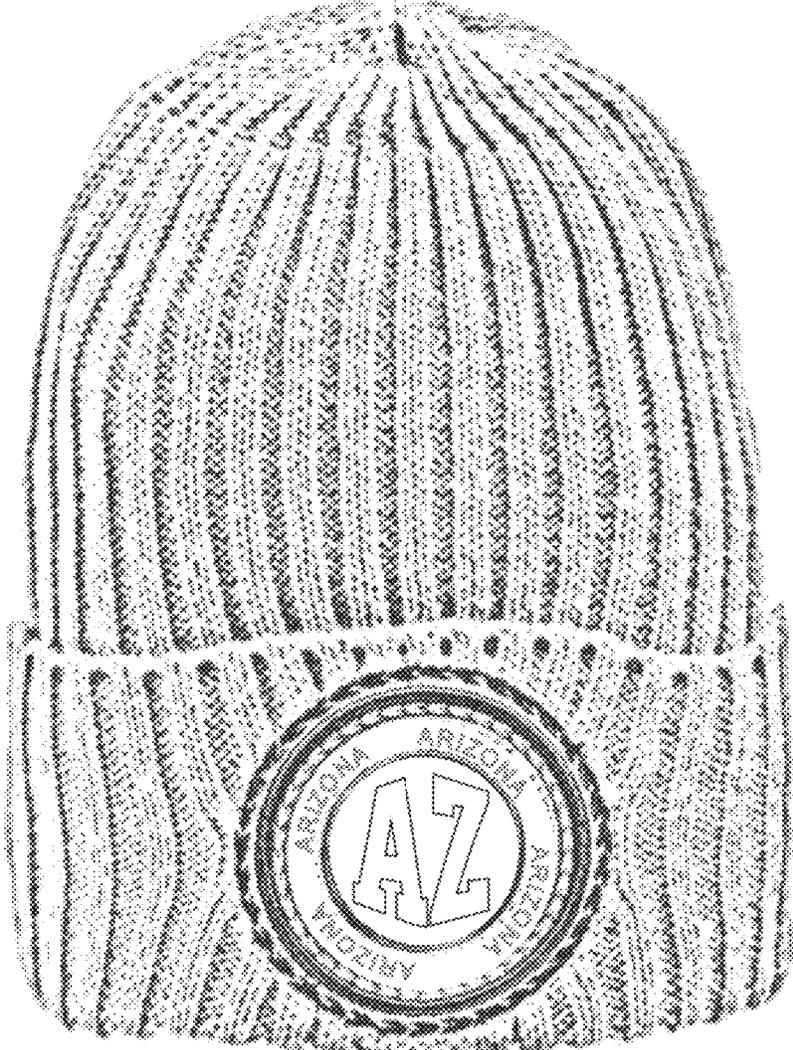


FIG. 2

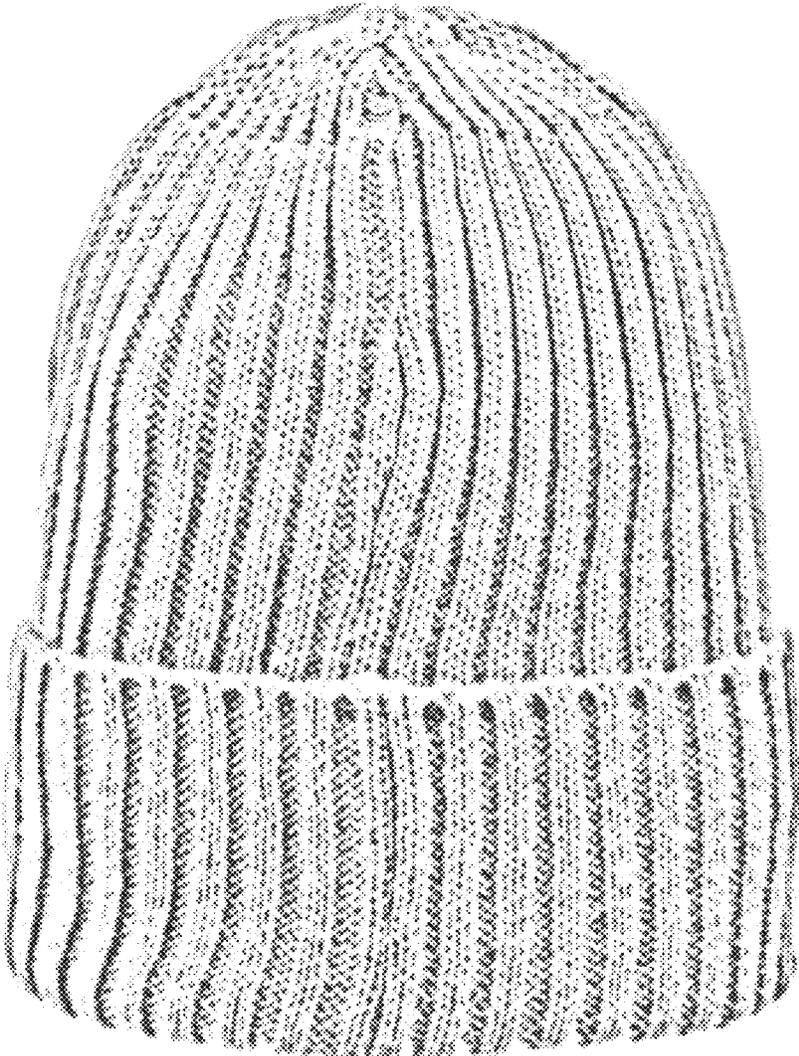


FIG. 3

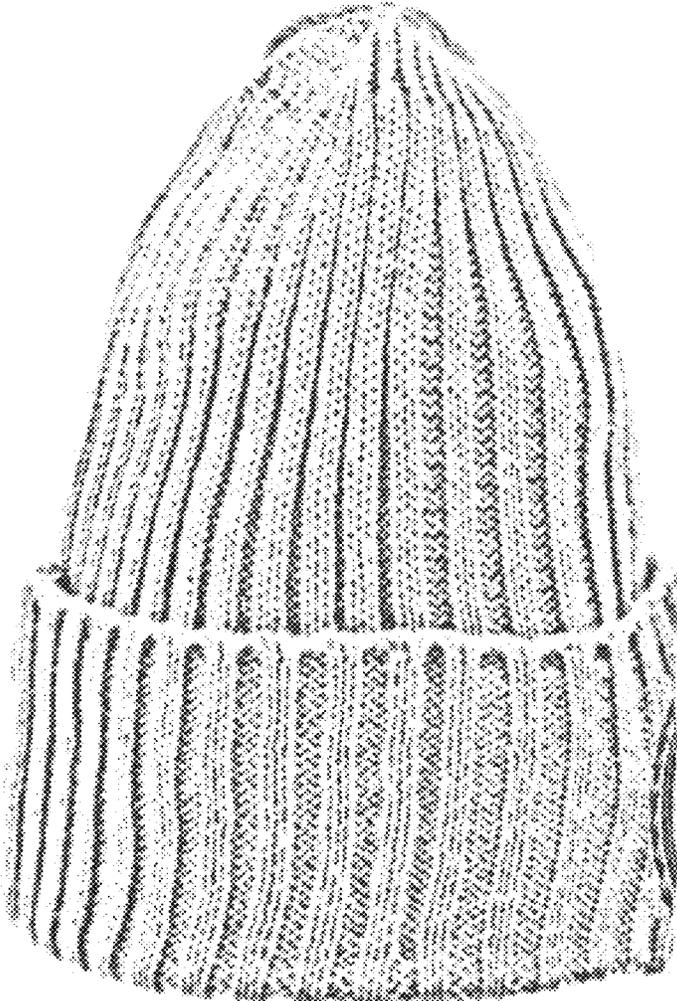


FIG. 4

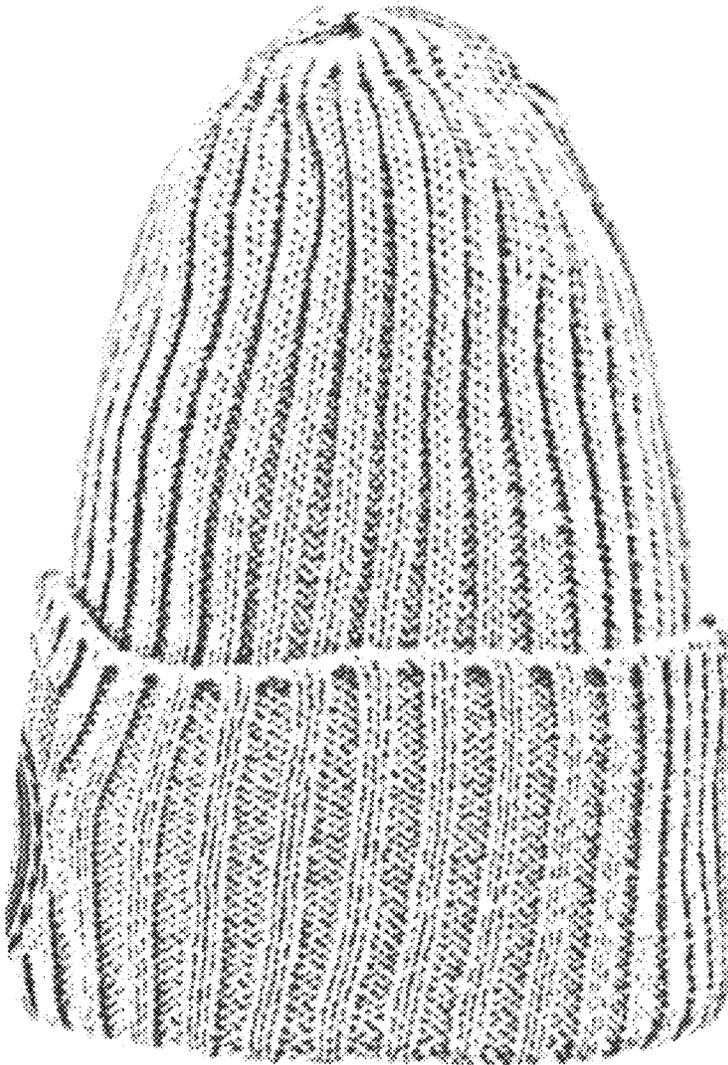


FIG. 5

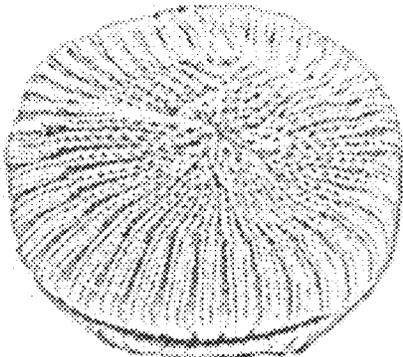


FIG. 6

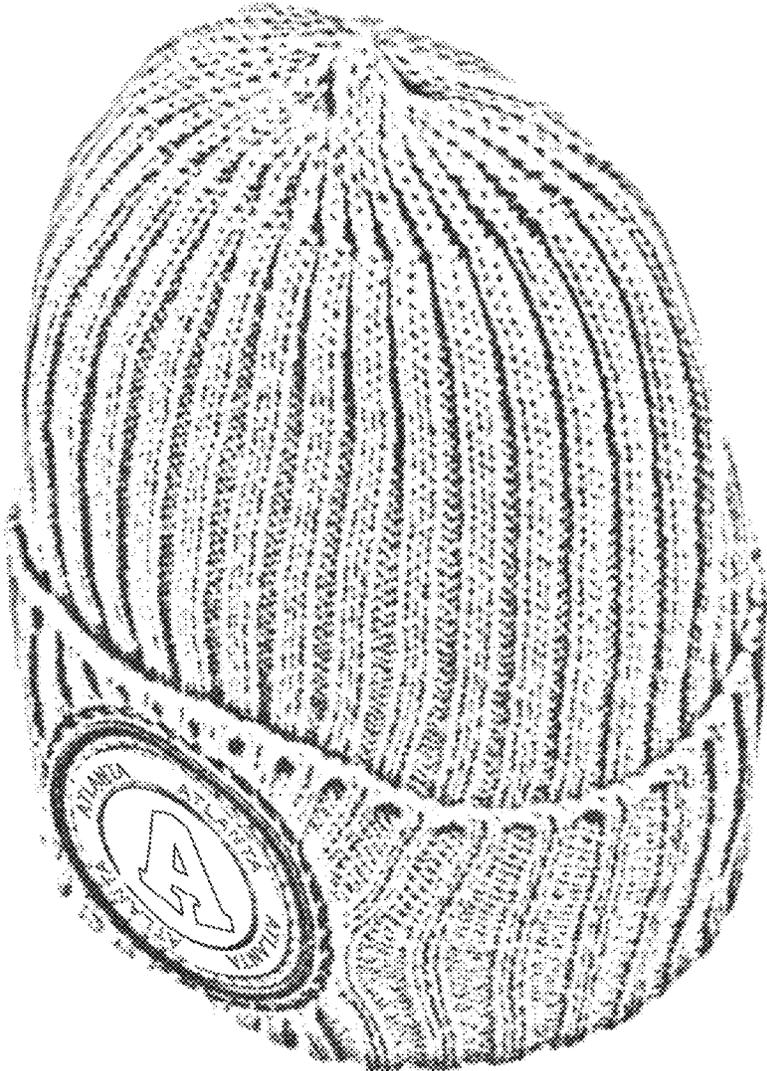


FIG. 7

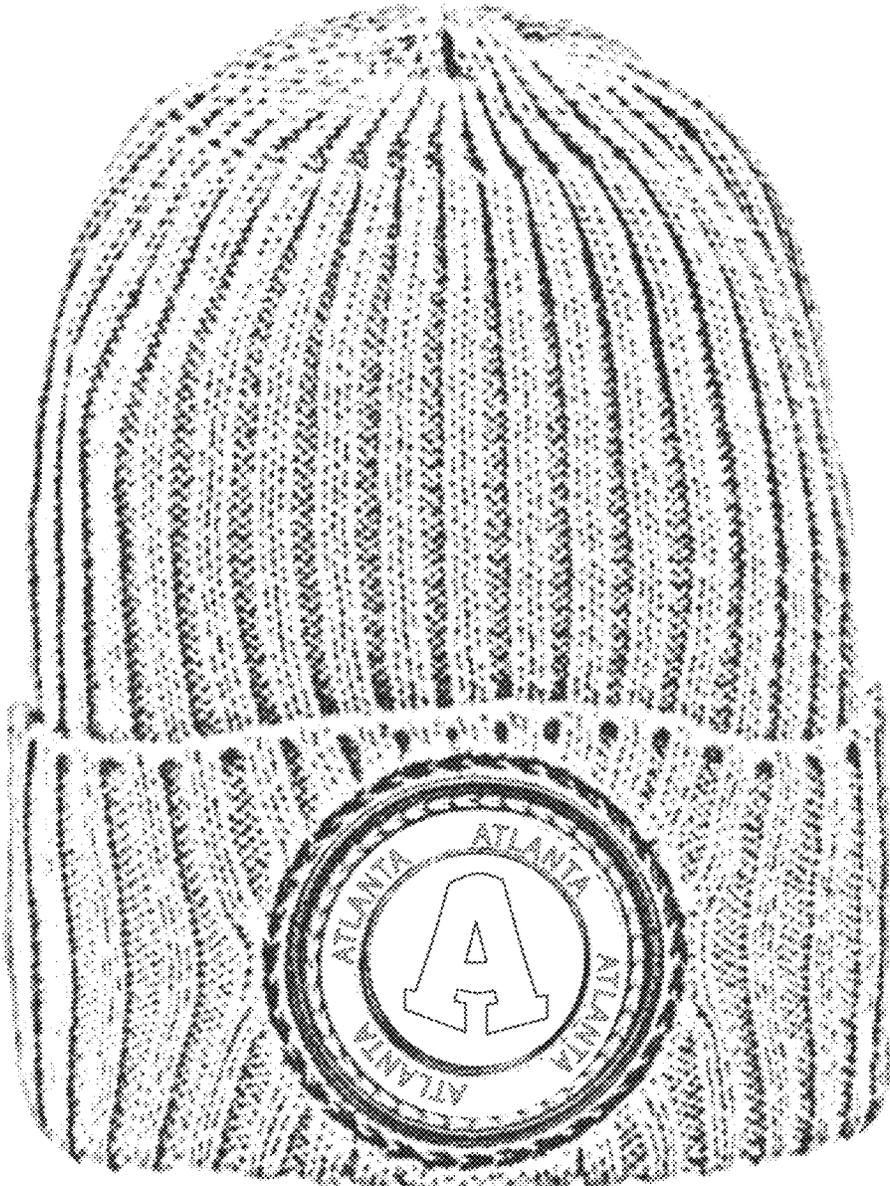


FIG. 8

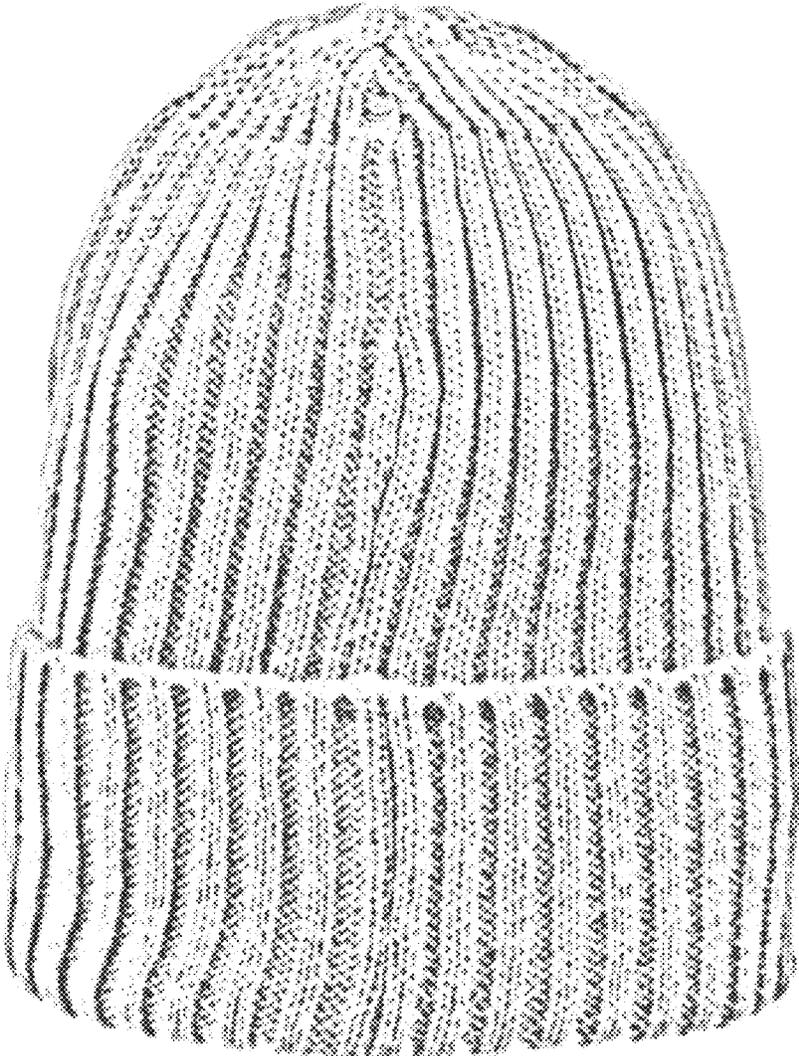


FIG. 9

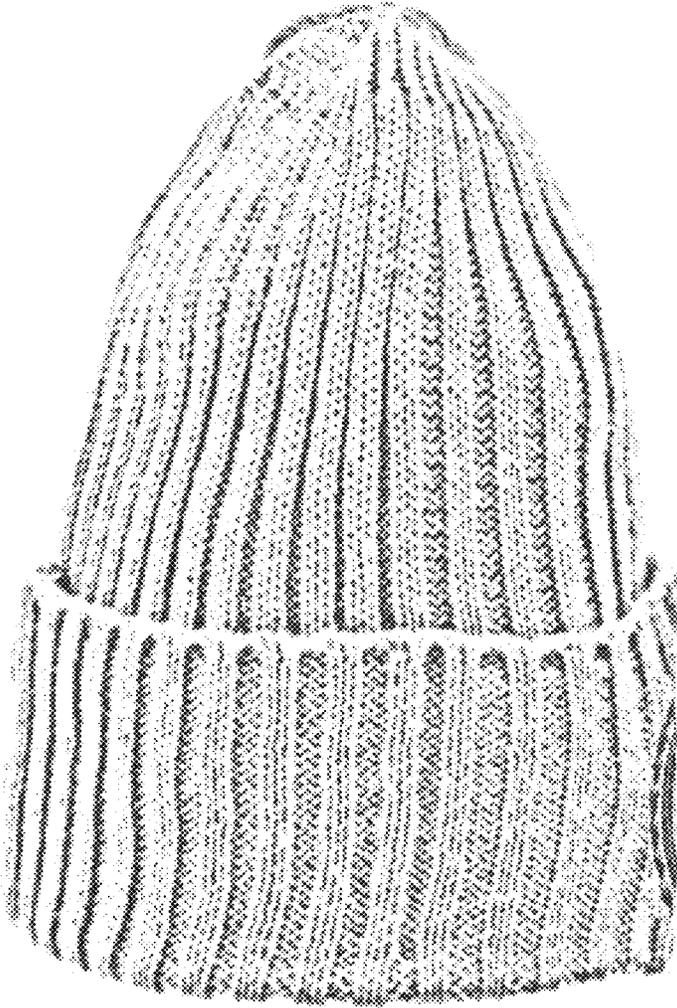


FIG. 10

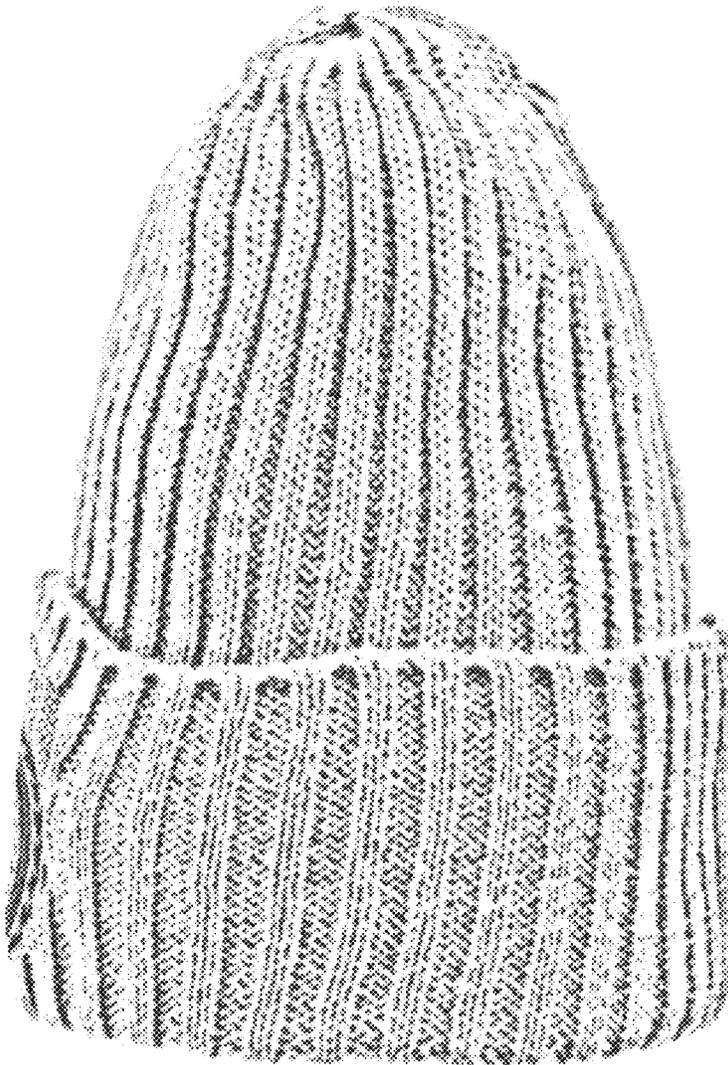


FIG. 11

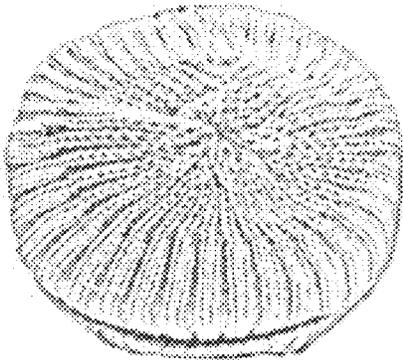


FIG. 12

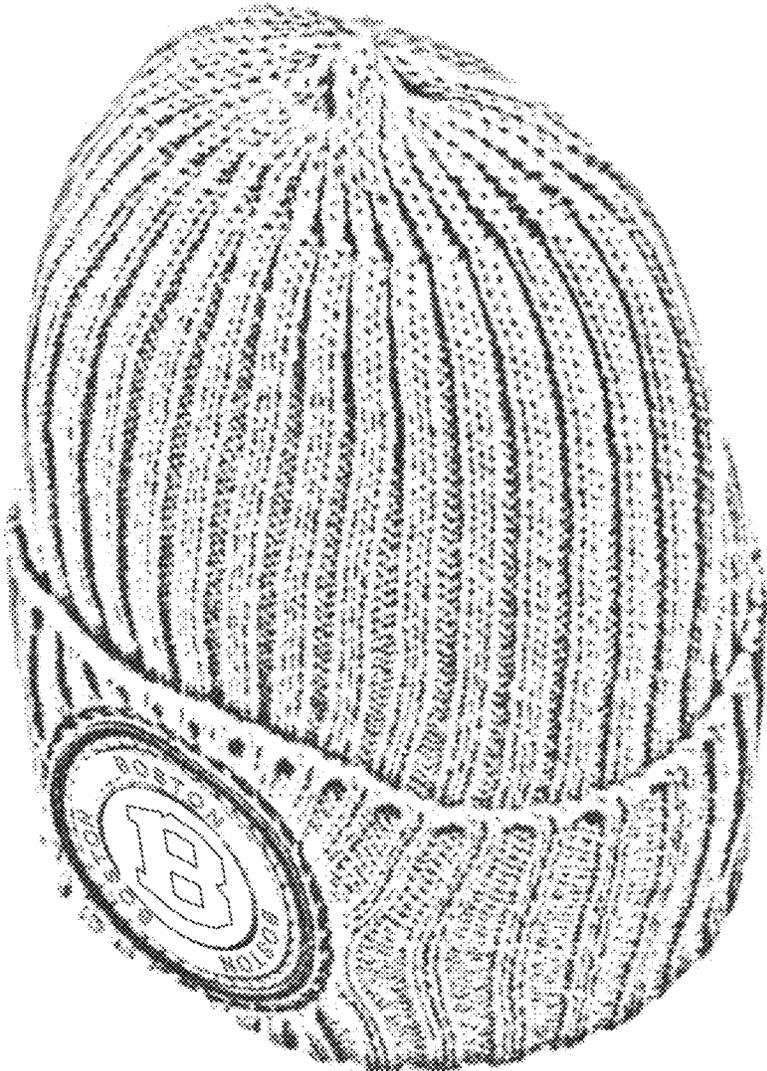


FIG. 13

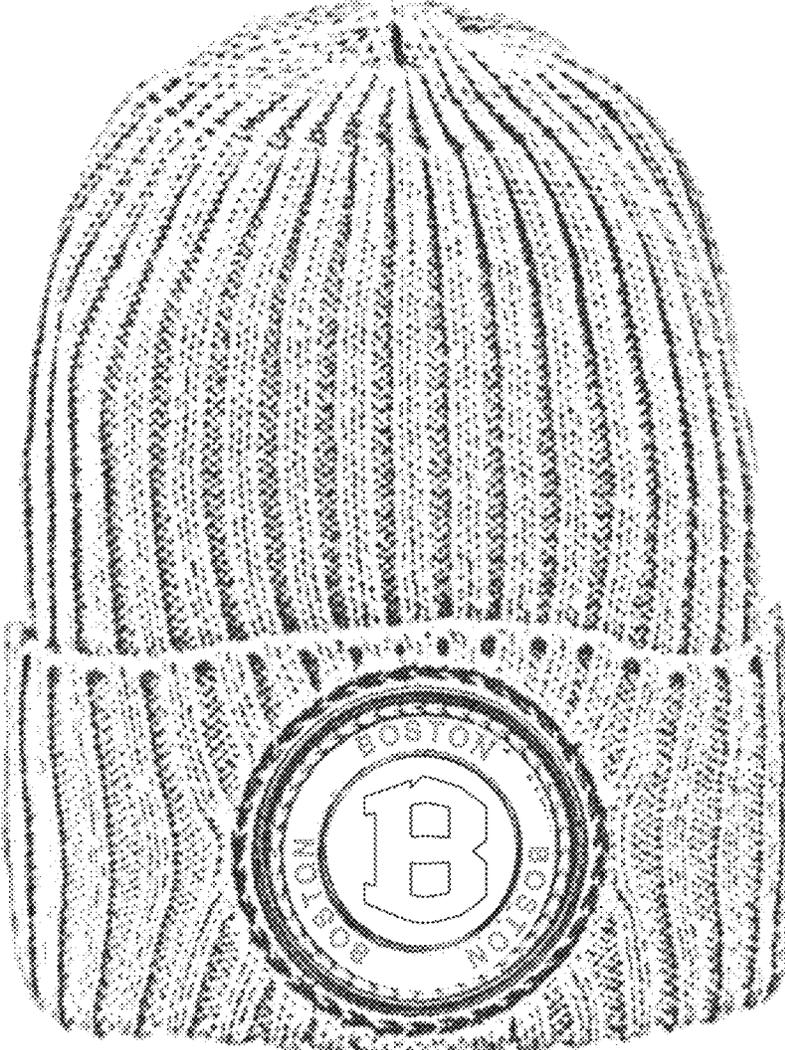


FIG. 14



FIG. 15

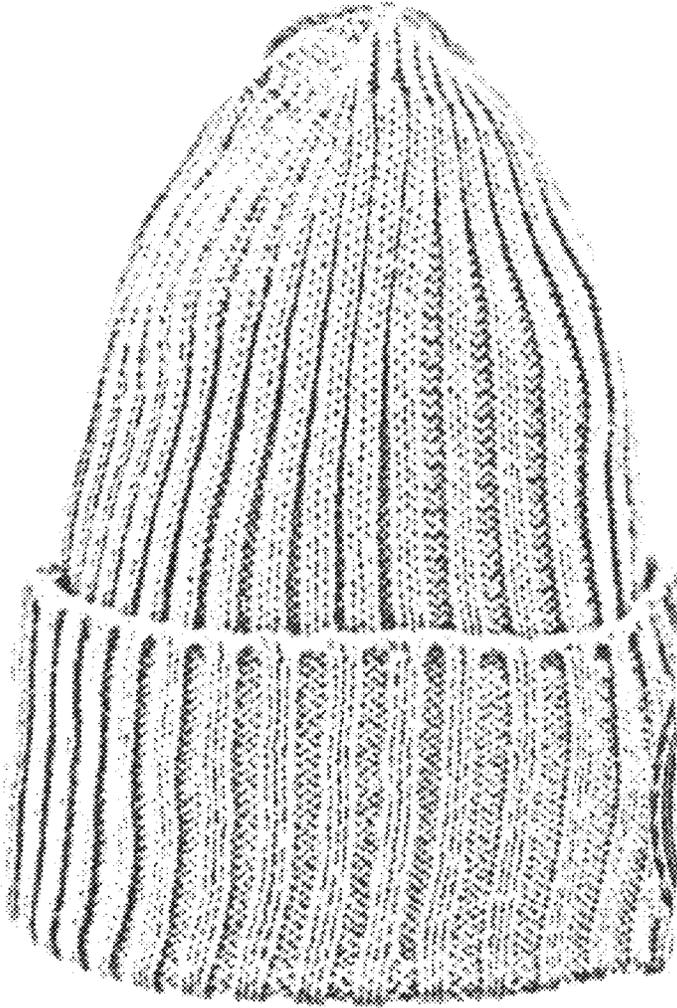


FIG. 16

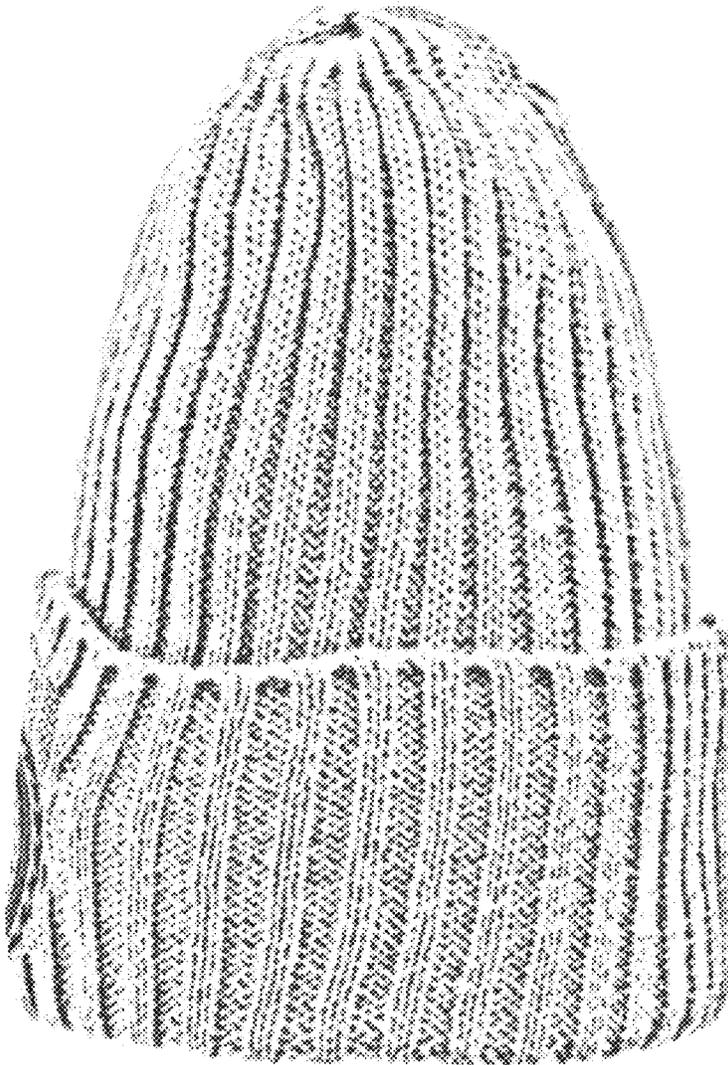


FIG. 17

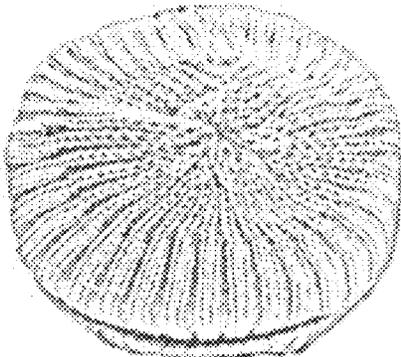


FIG. 18

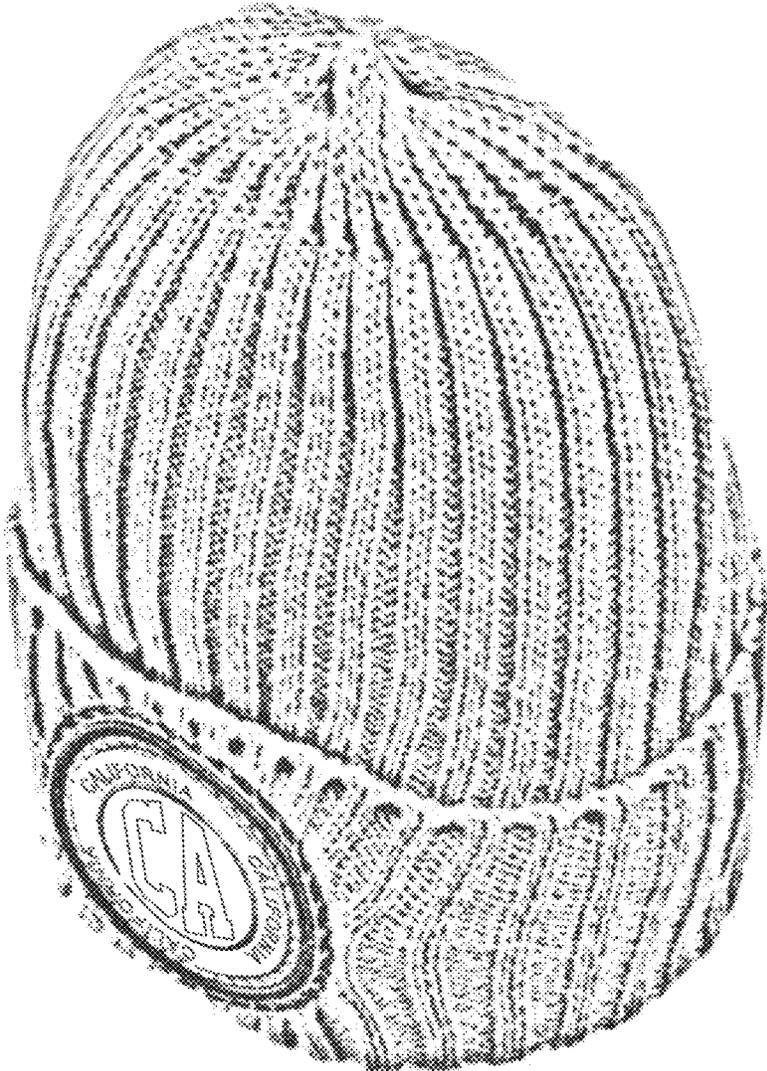


FIG. 19

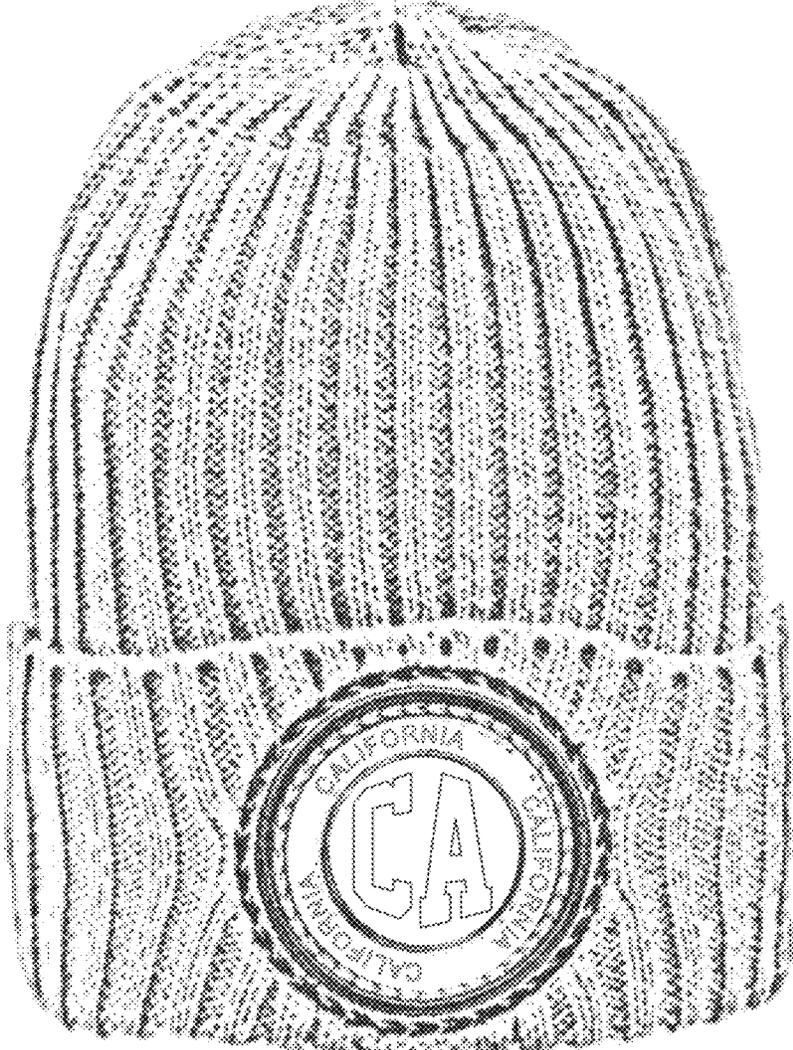


FIG. 20



FIG. 21

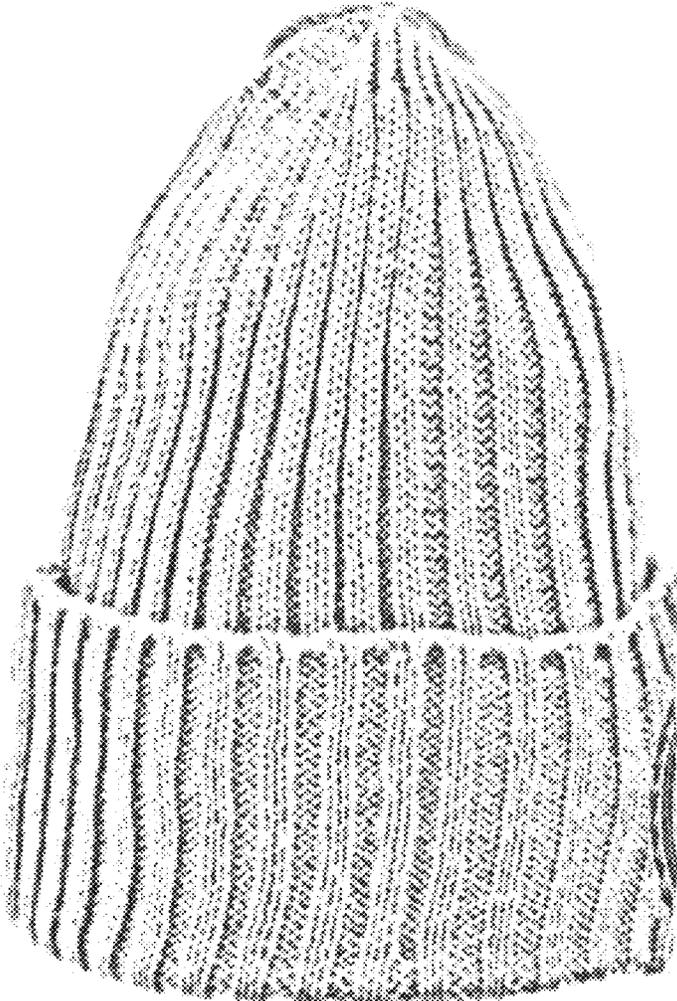


FIG. 22

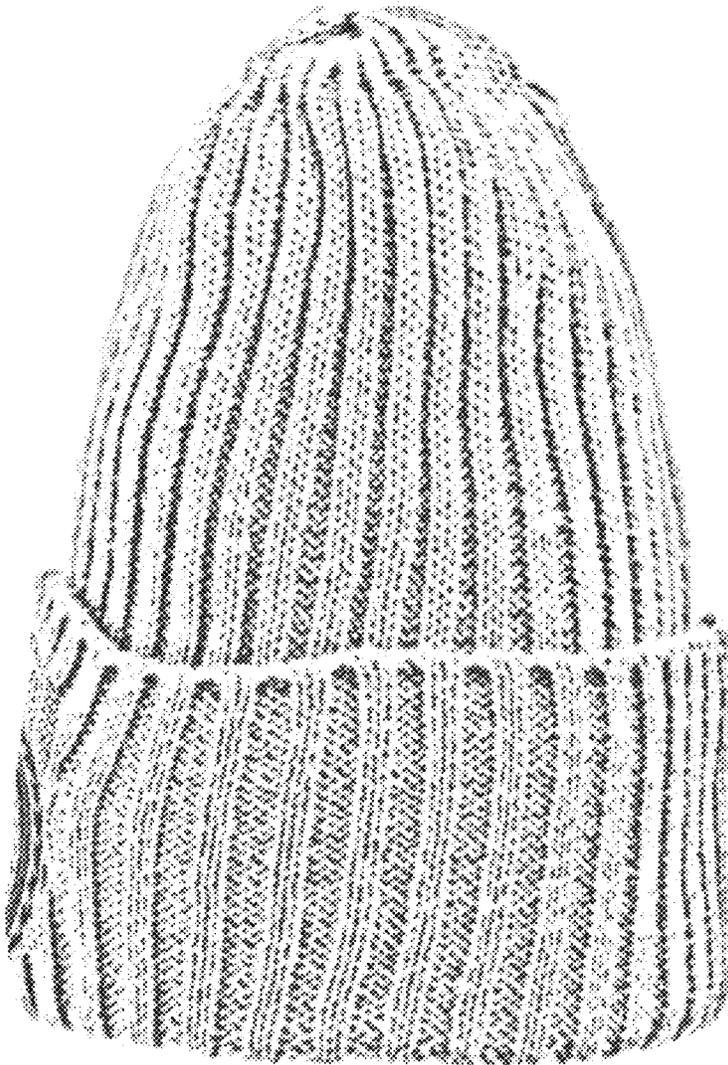


FIG. 23

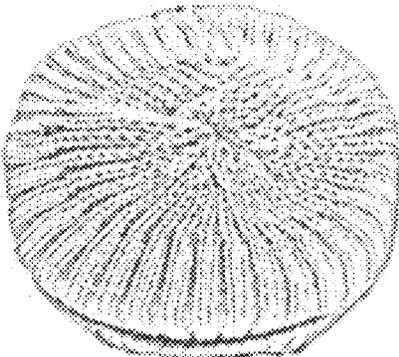


FIG. 24

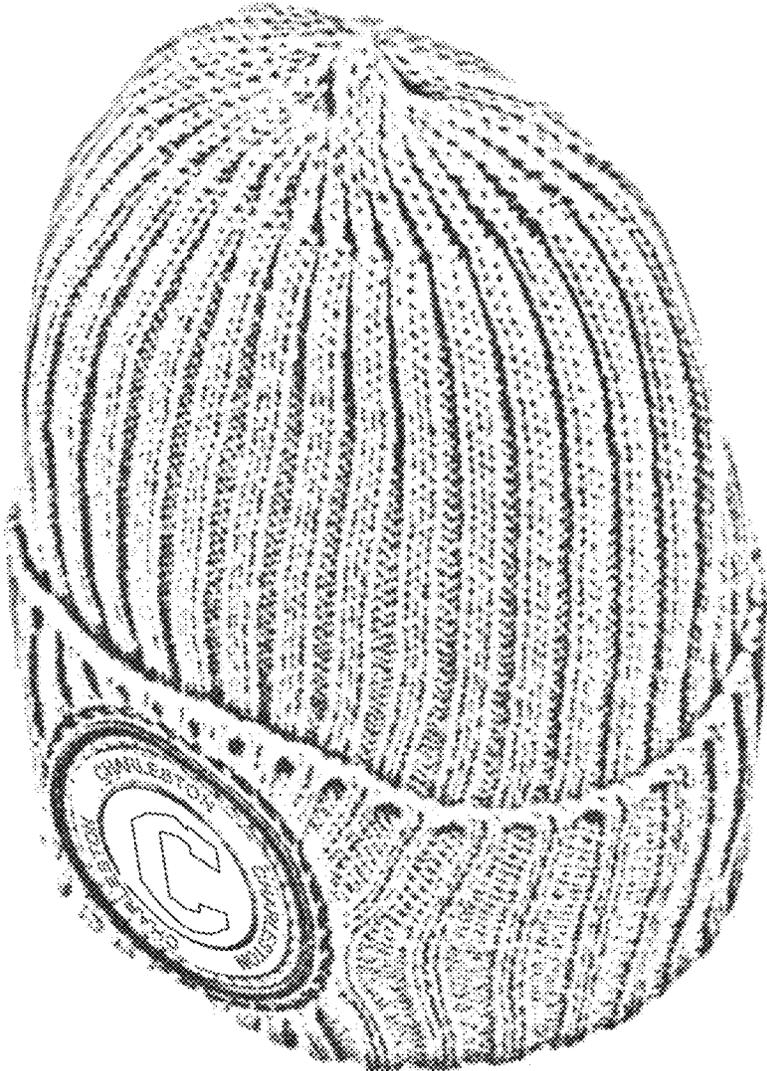


FIG. 25

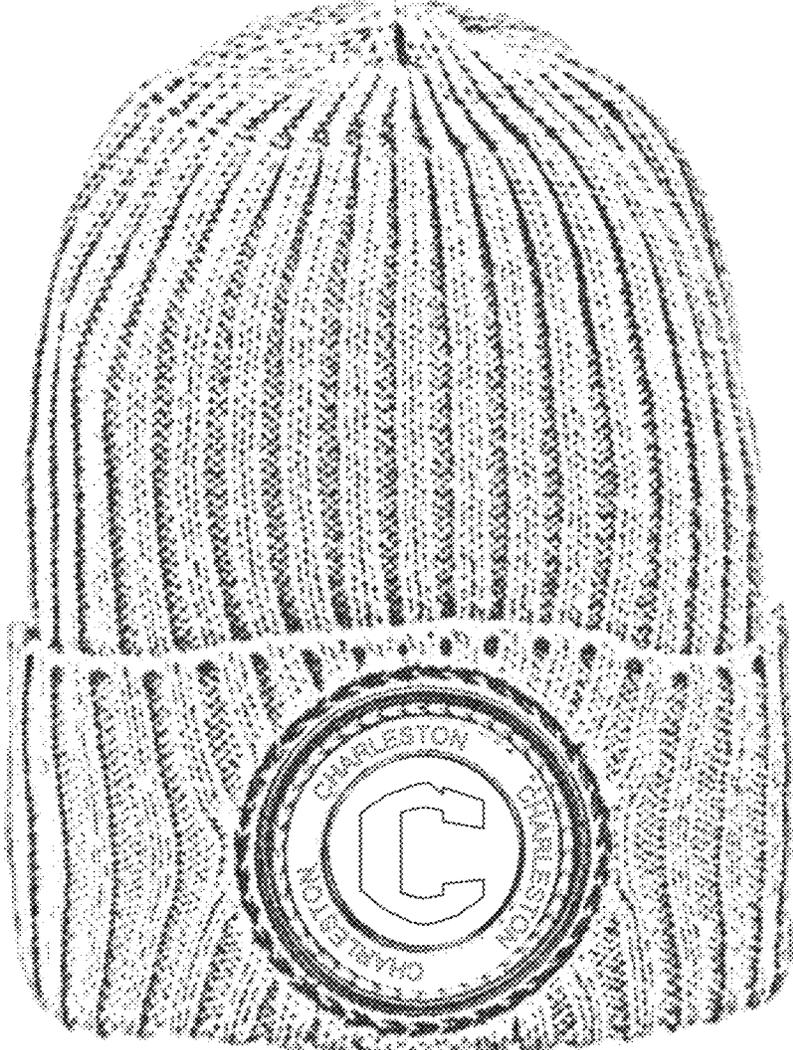


FIG. 26



FIG. 27

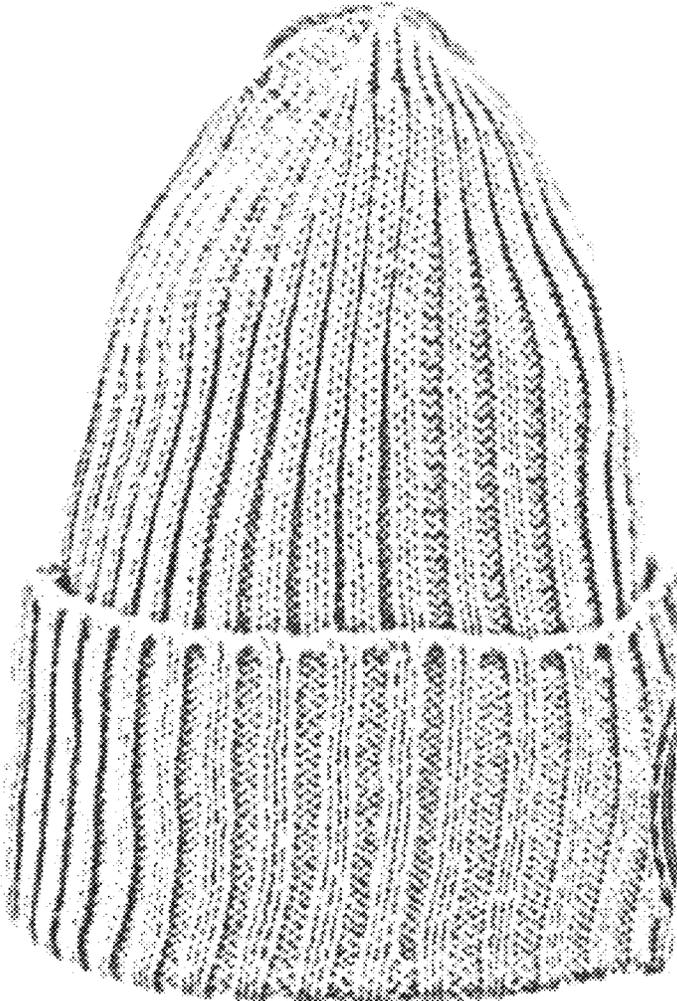


FIG. 28

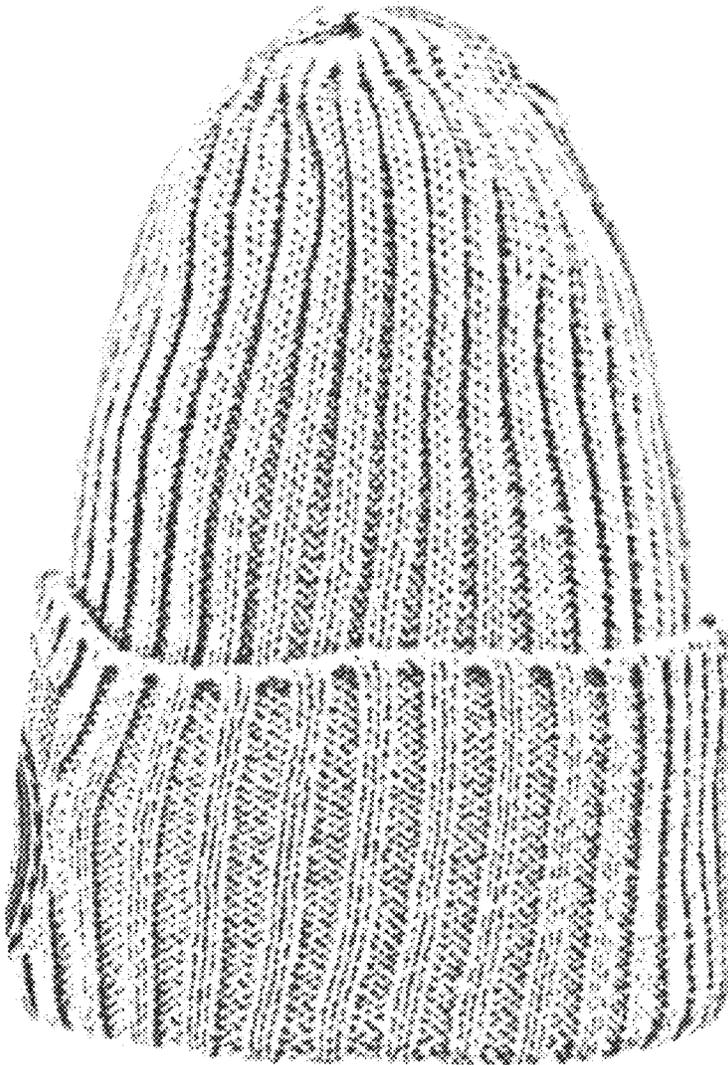


FIG. 29

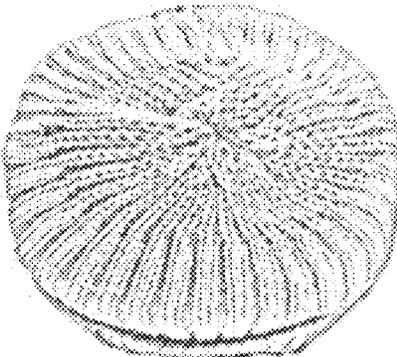


FIG. 30

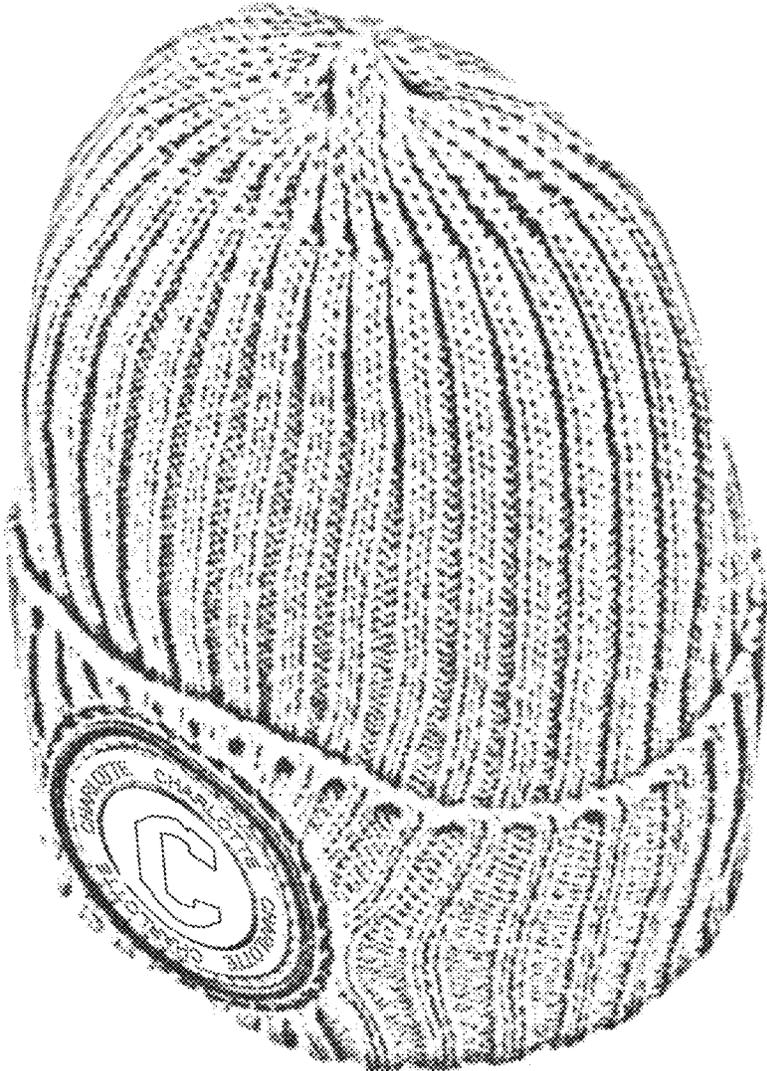


FIG. 31

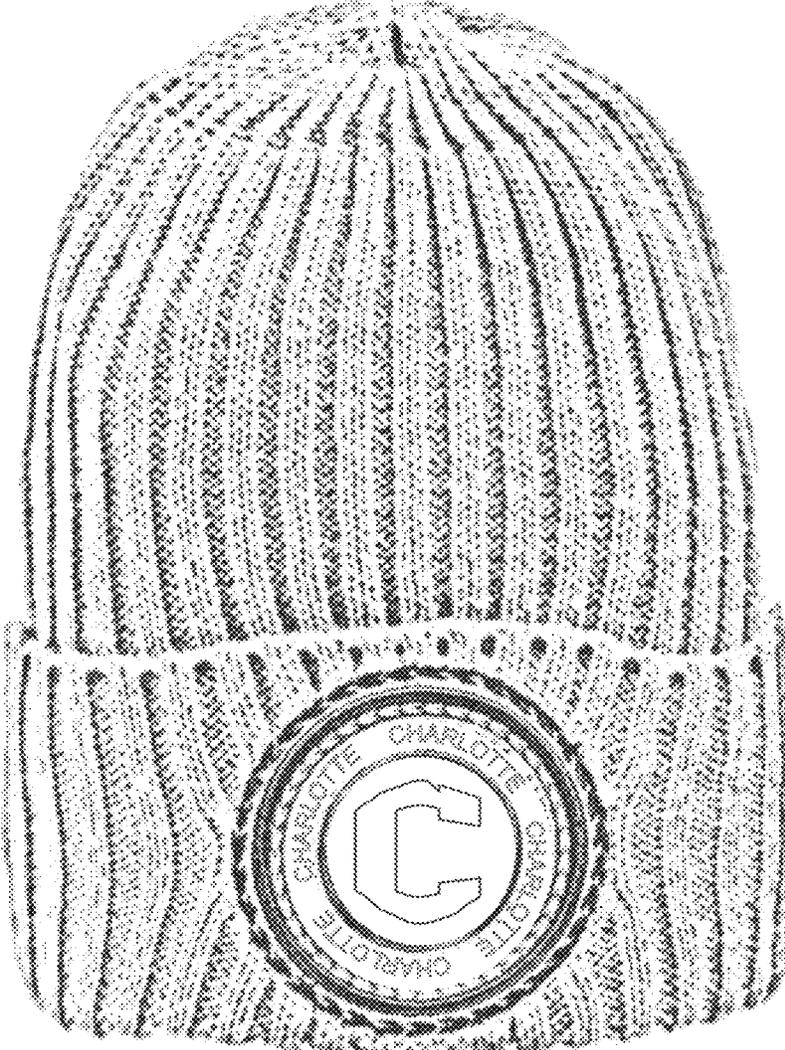


FIG. 32

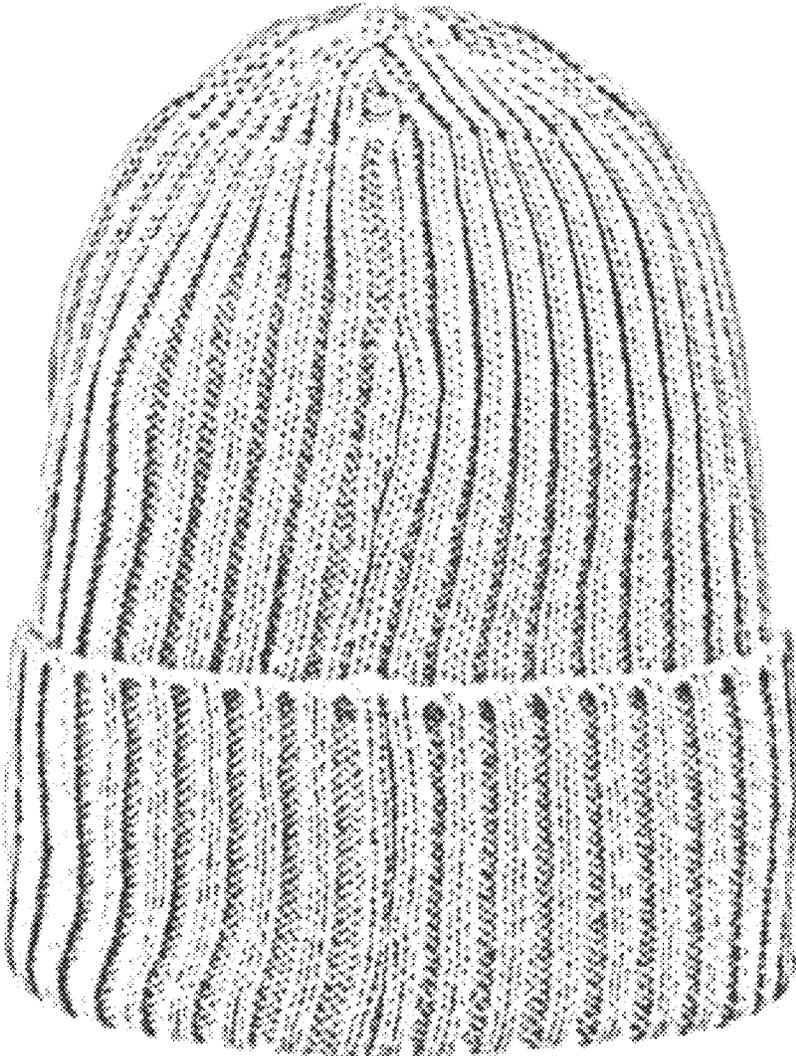


FIG. 33

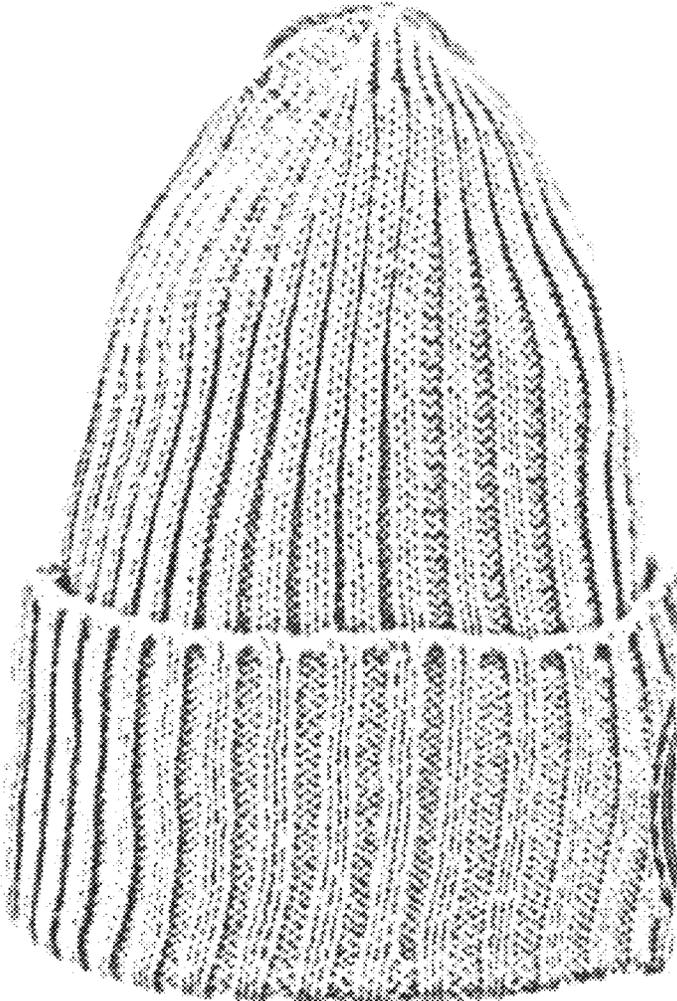


FIG. 34

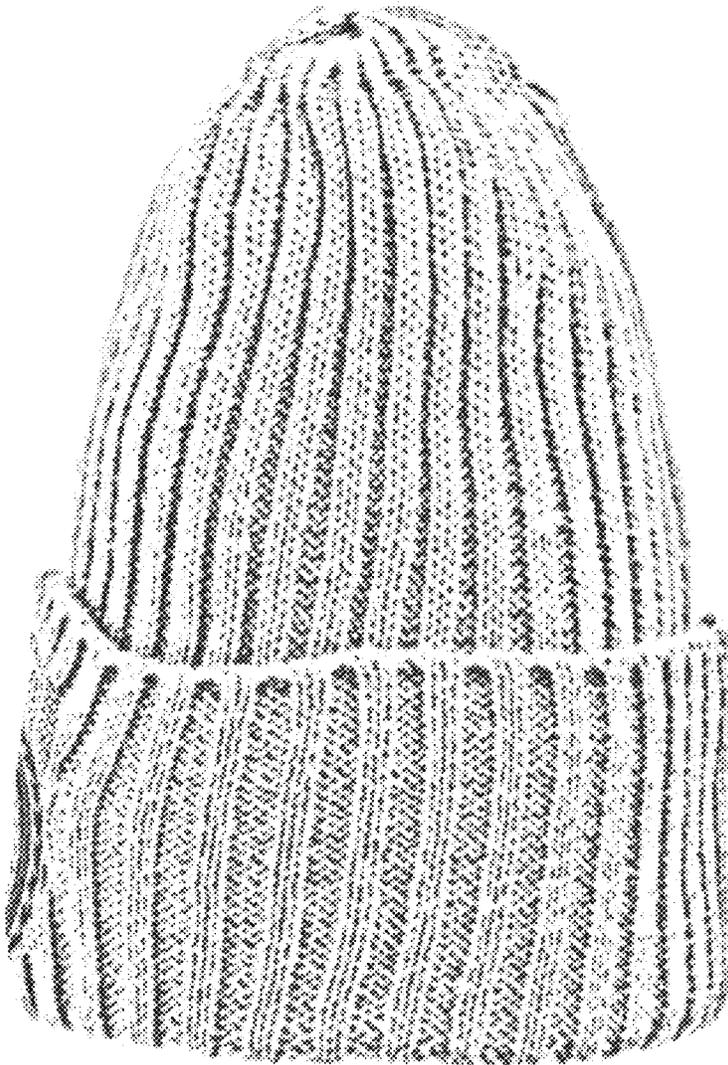


FIG. 35

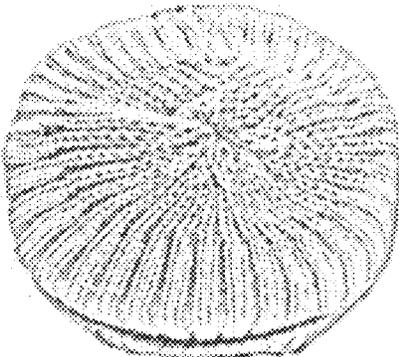


FIG. 36

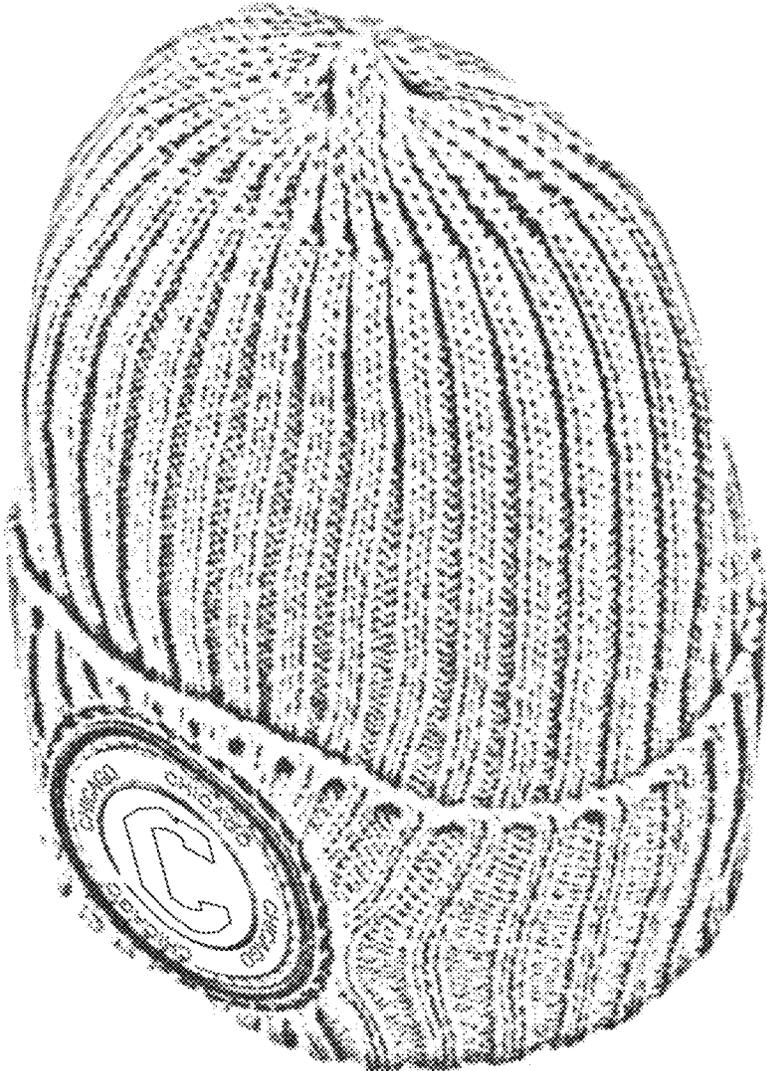


FIG. 37

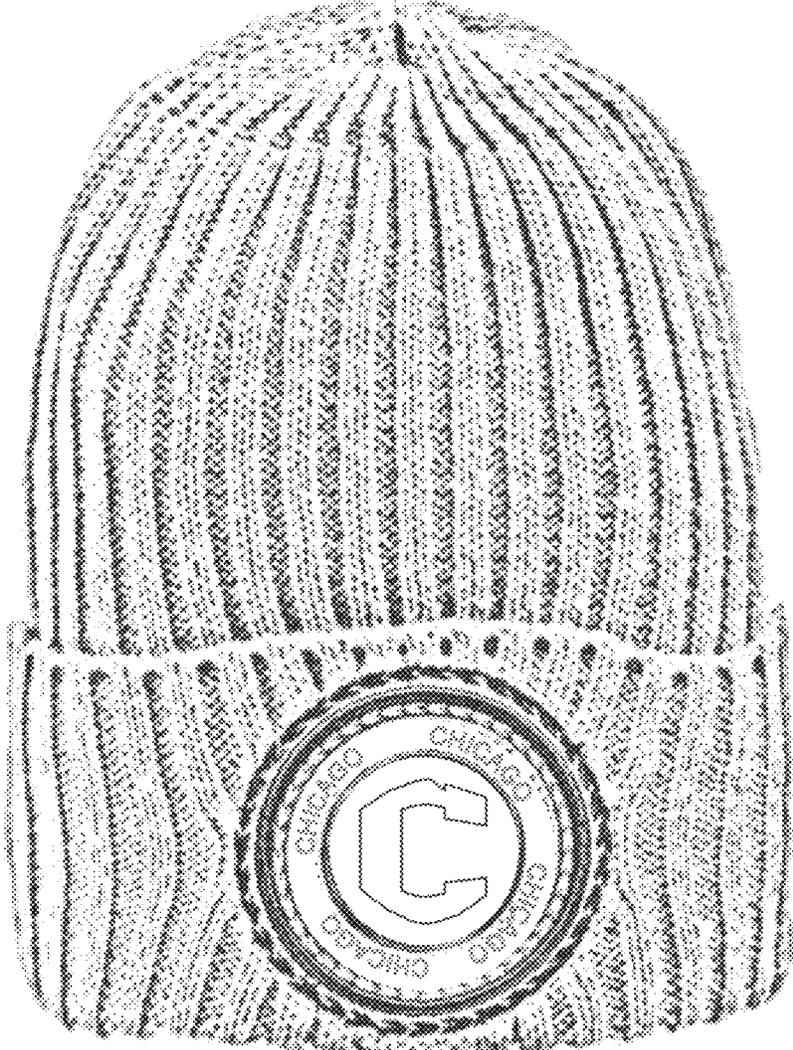


FIG. 38



FIG. 39

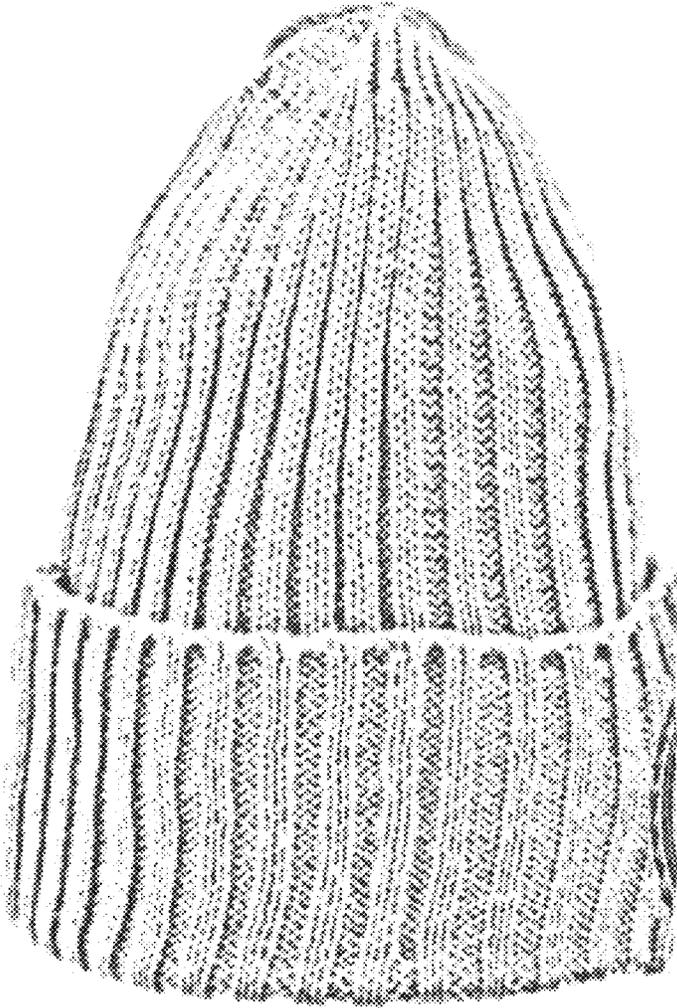


FIG. 40

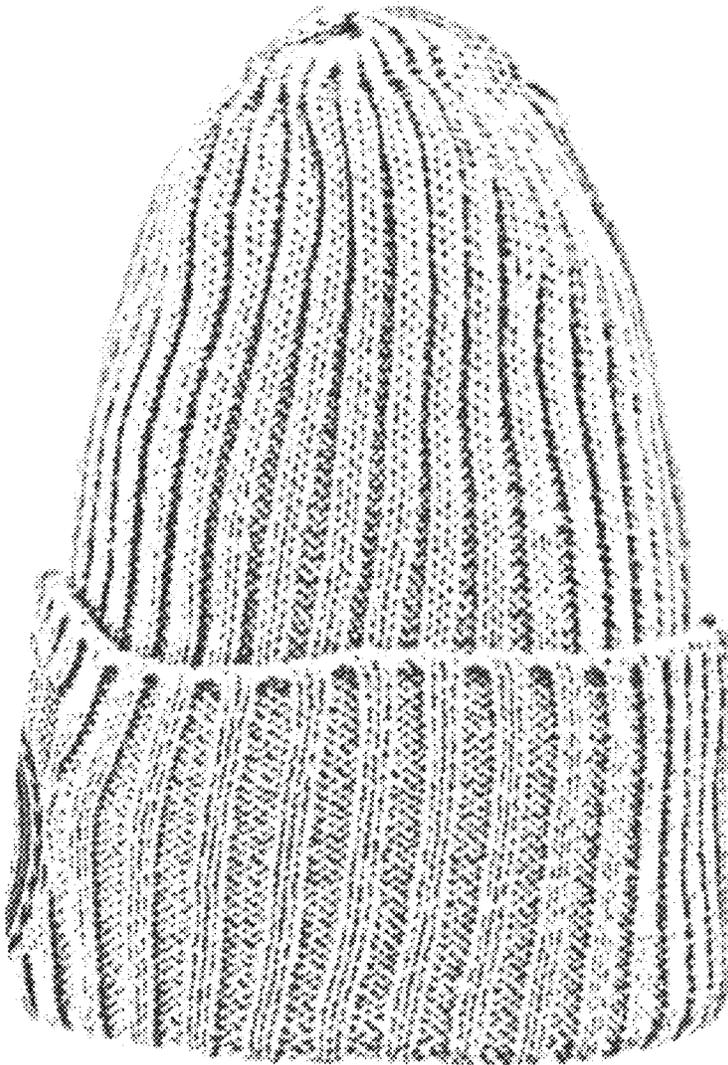


FIG. 41

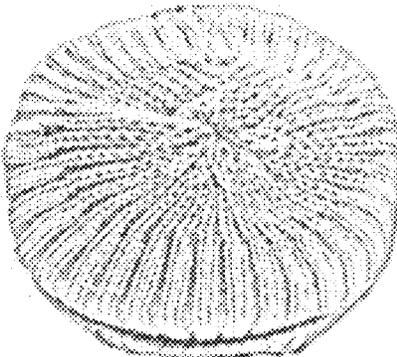


FIG. 42

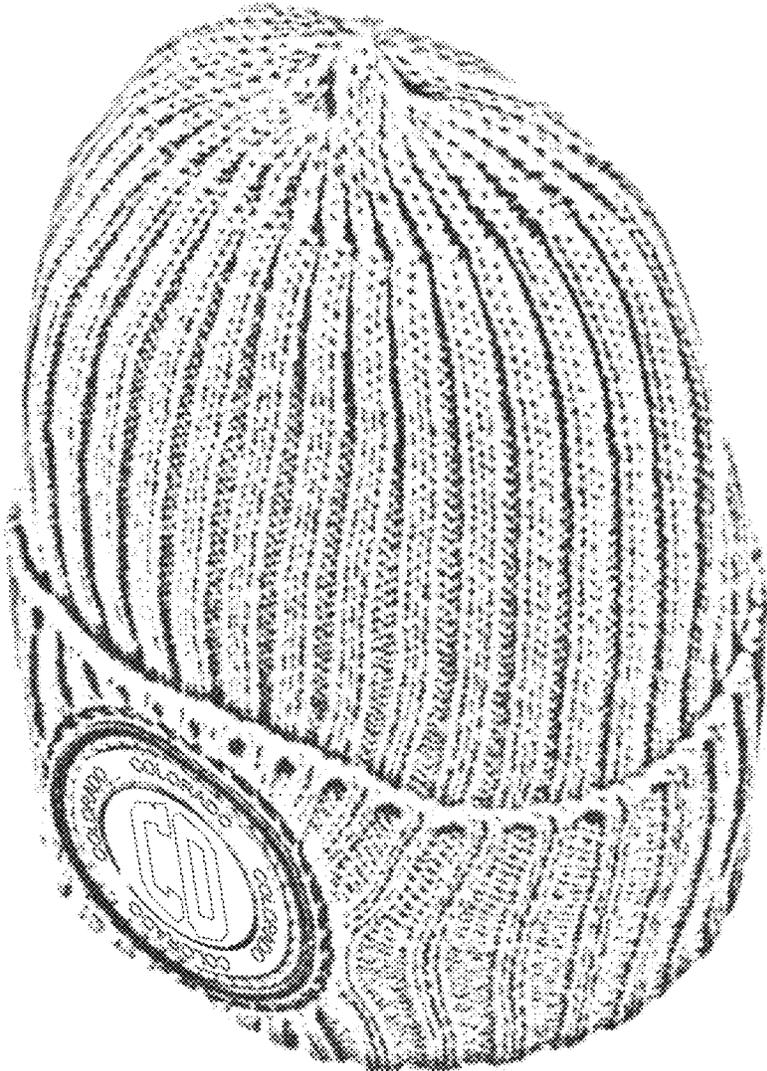


FIG. 43

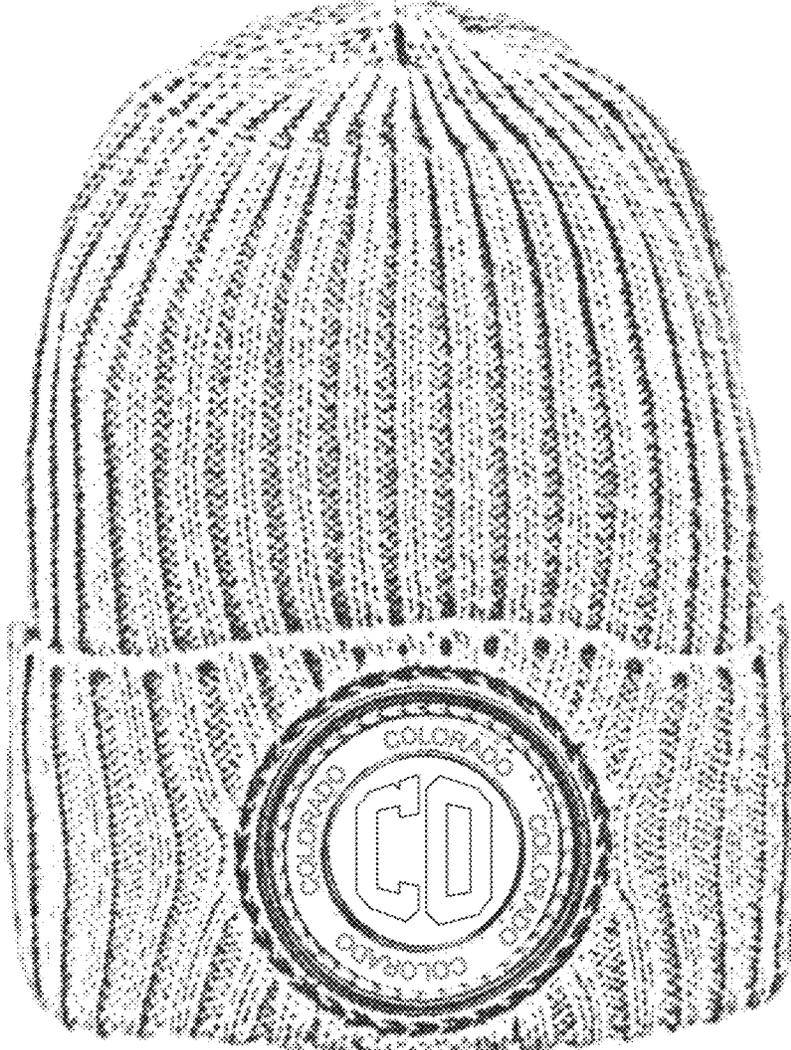


FIG. 44

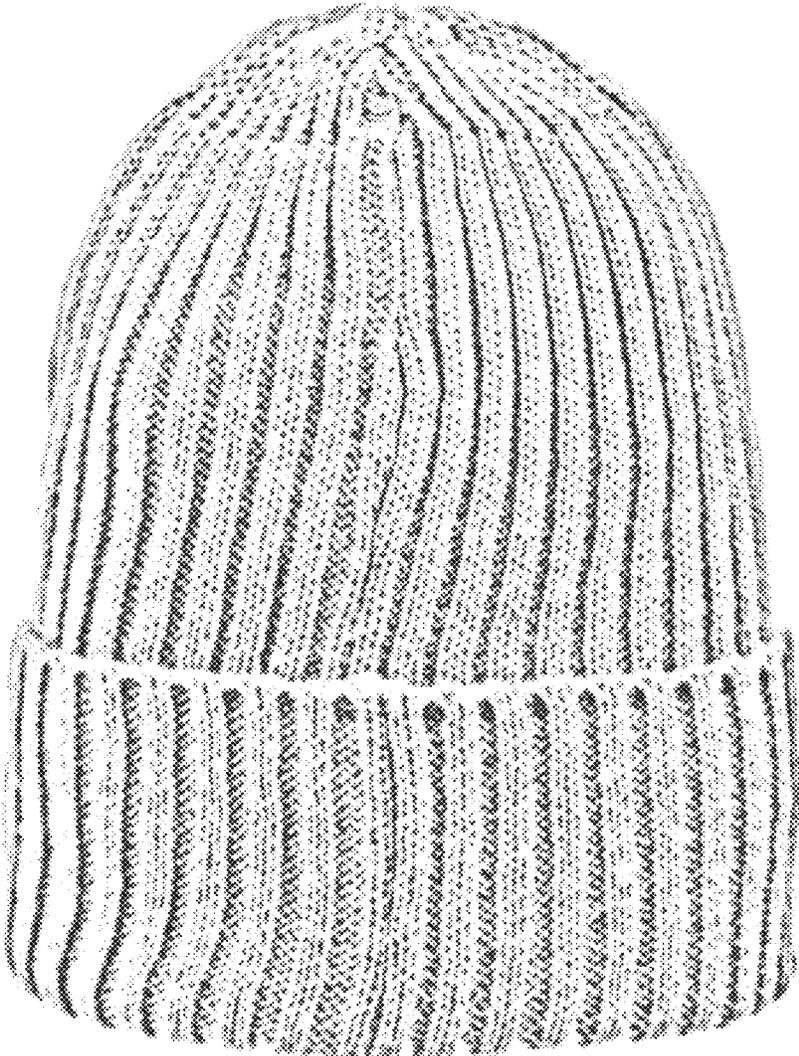


FIG. 45

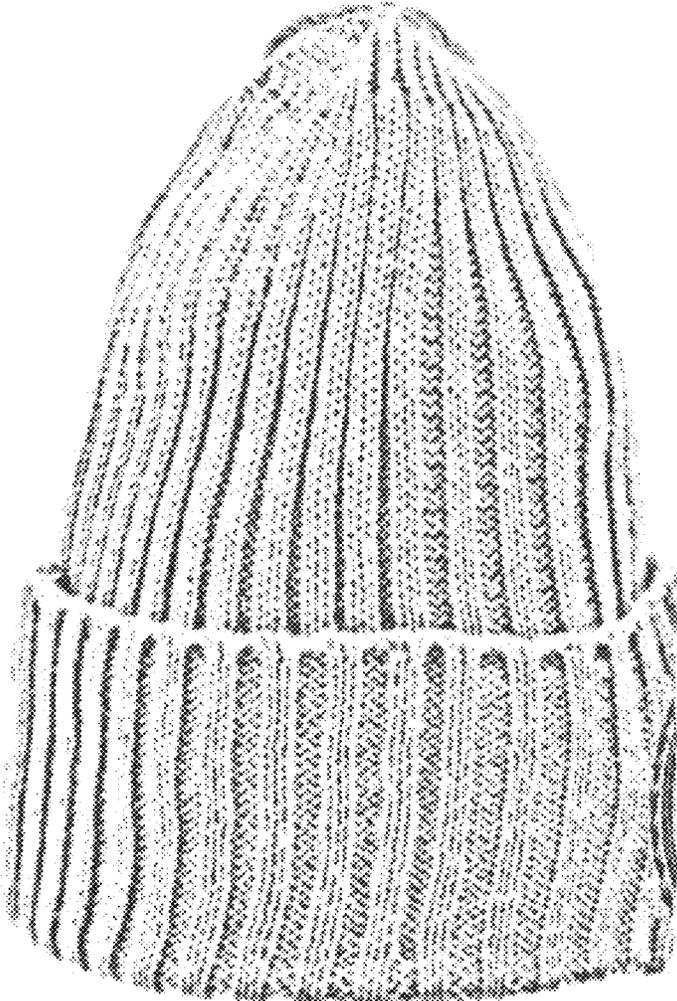


FIG. 46

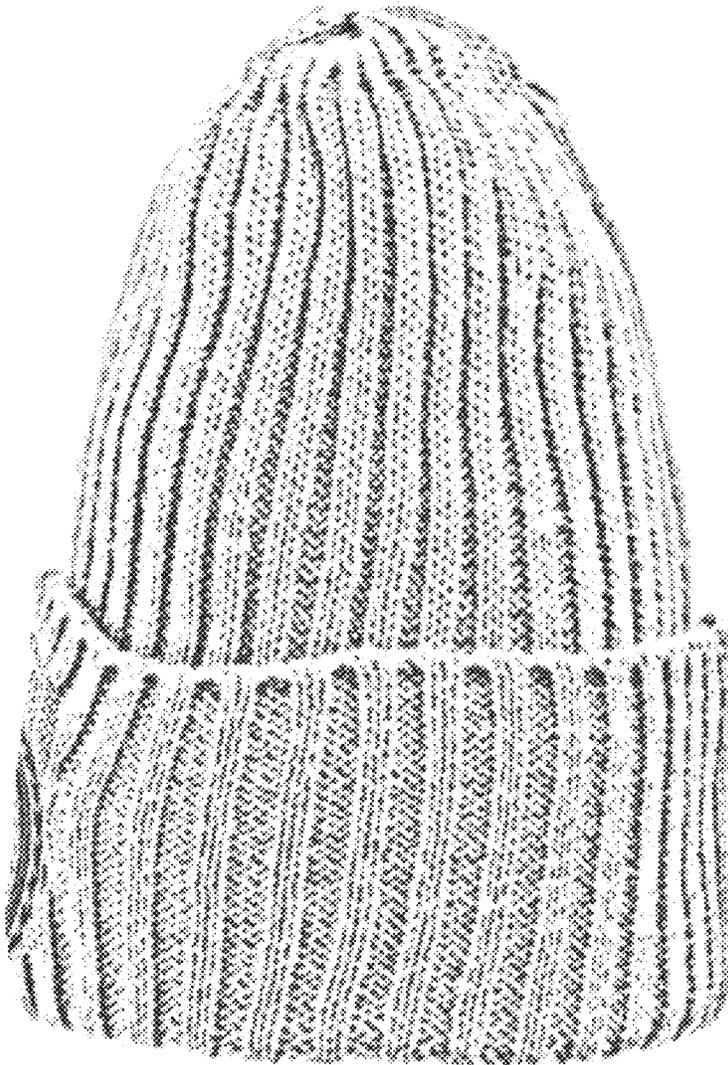


FIG. 47

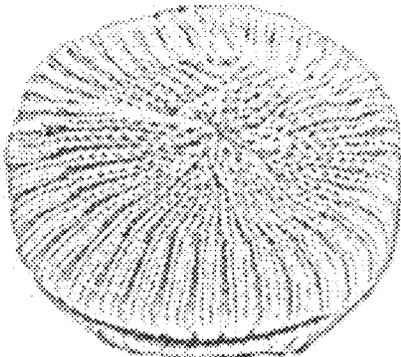


FIG. 48

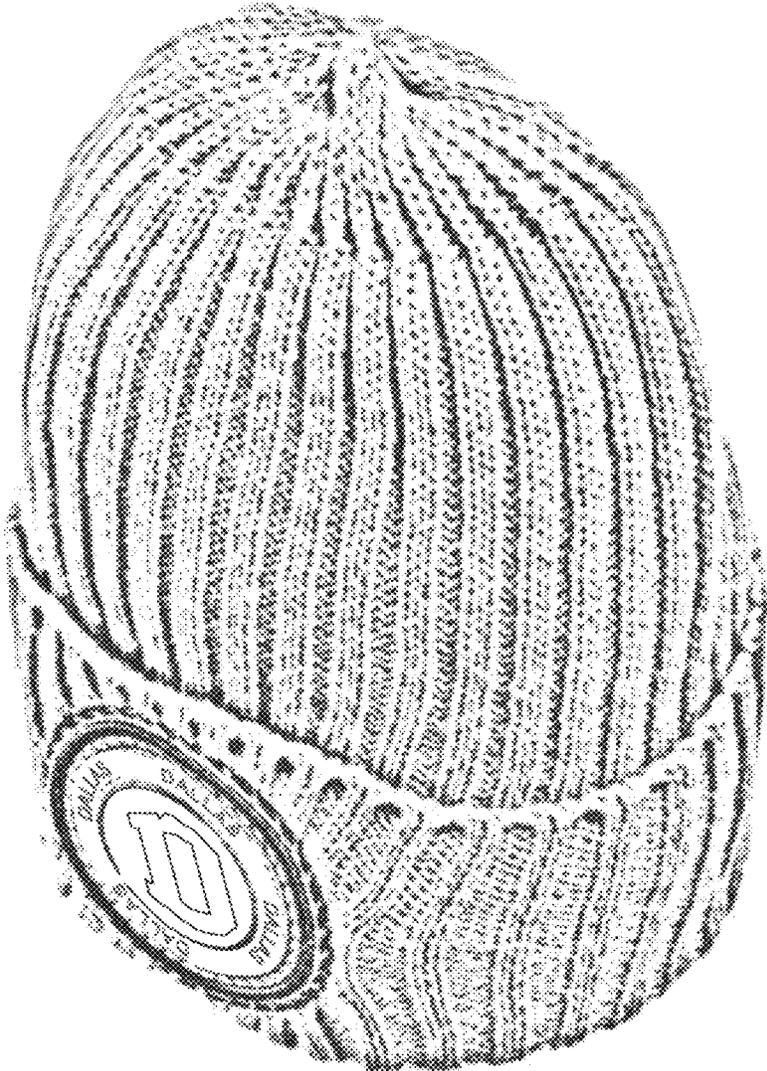


FIG. 49

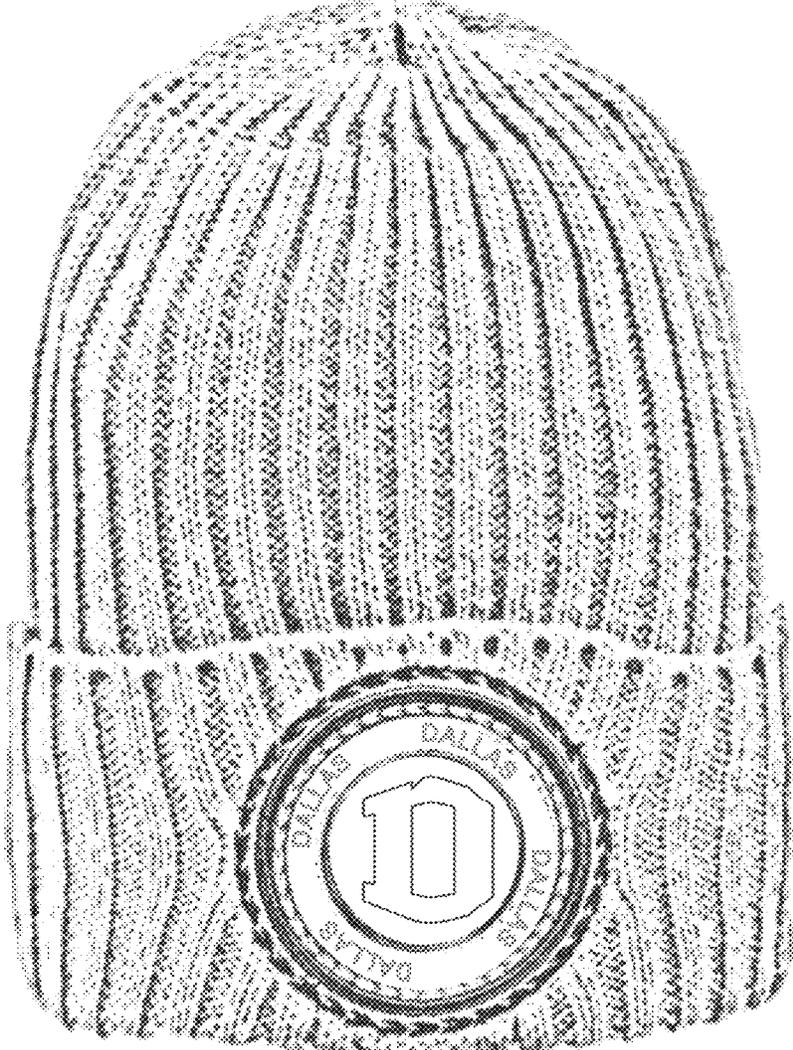


FIG. 50

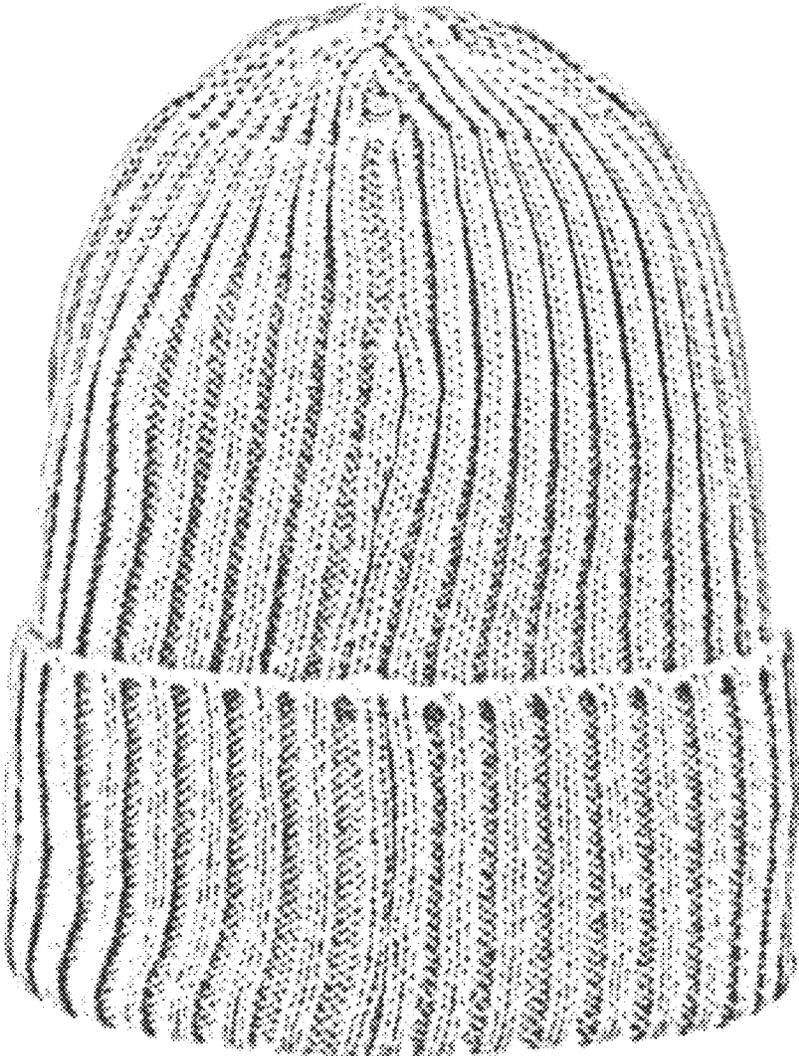


FIG. 51

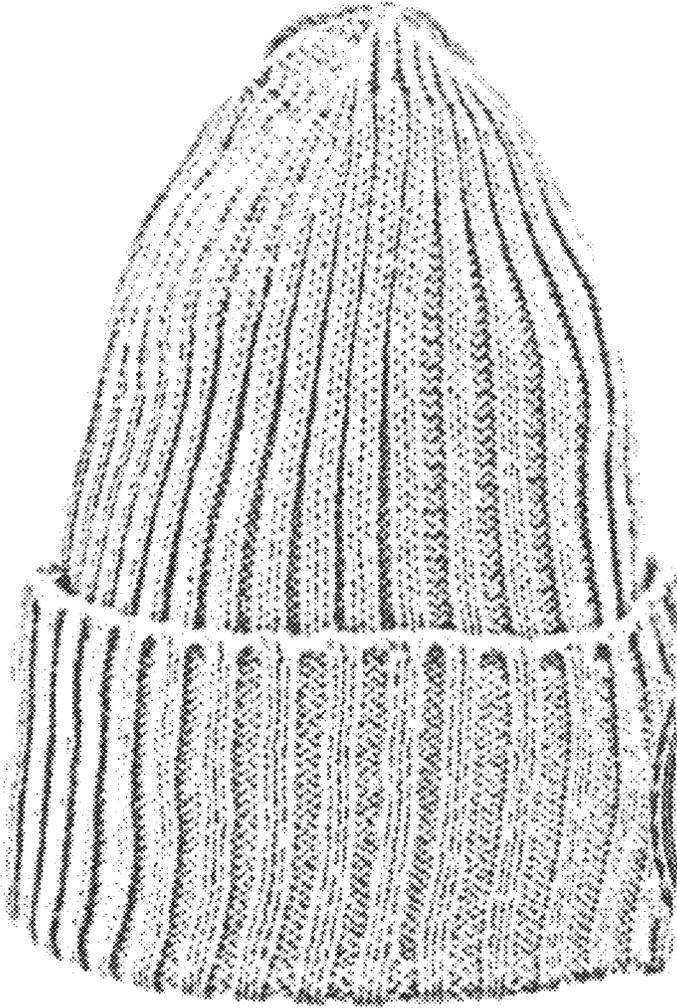


FIG. 52

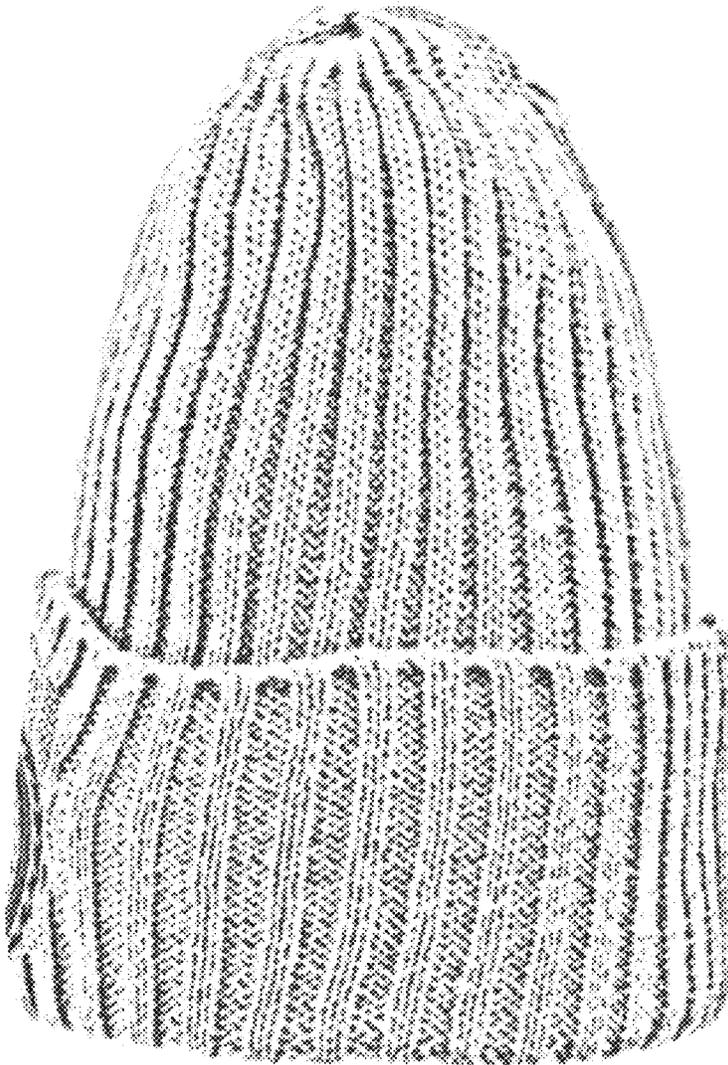


FIG. 53

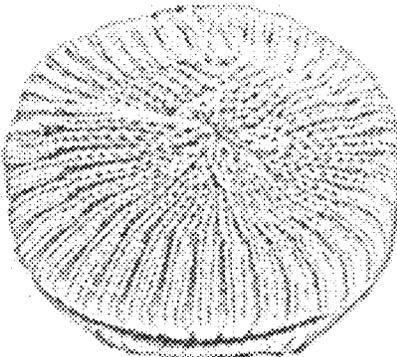


FIG. 54

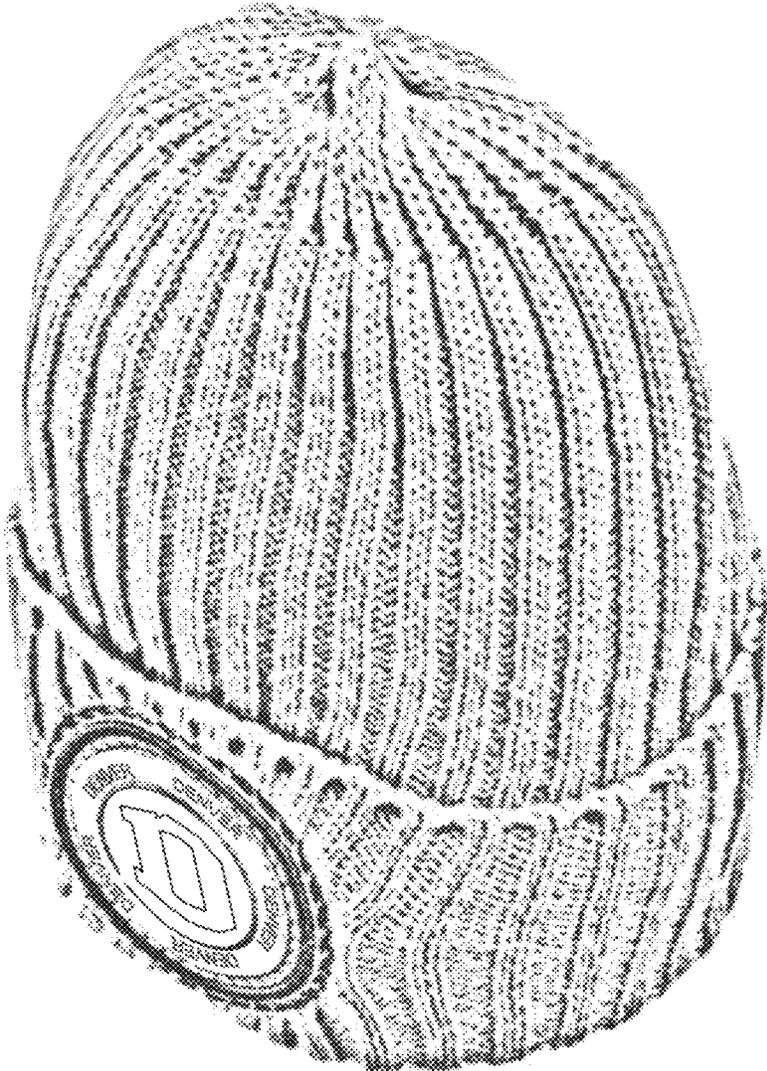


FIG. 55

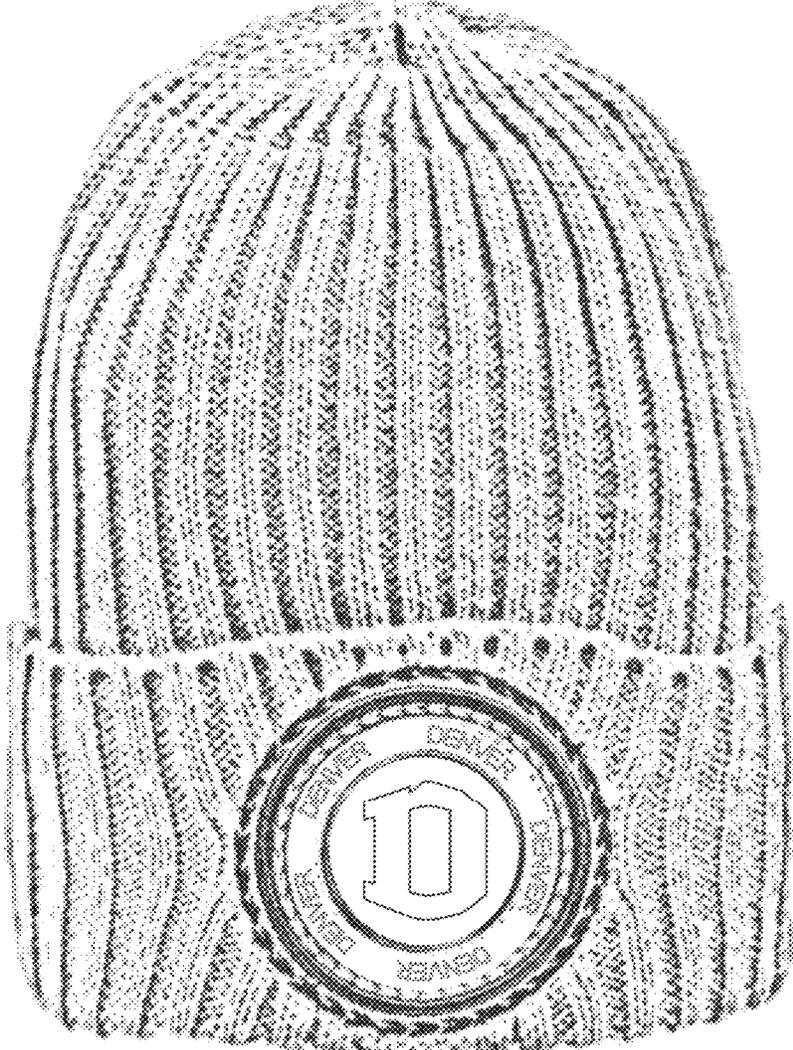


FIG. 56

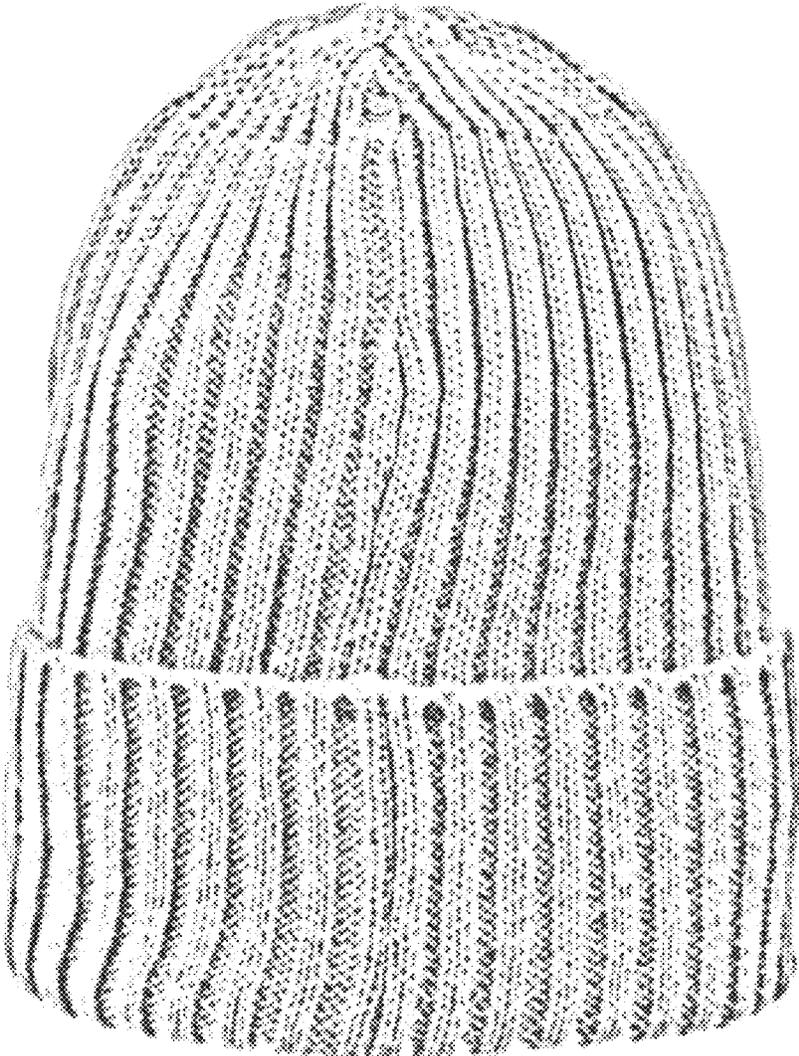


FIG. 57

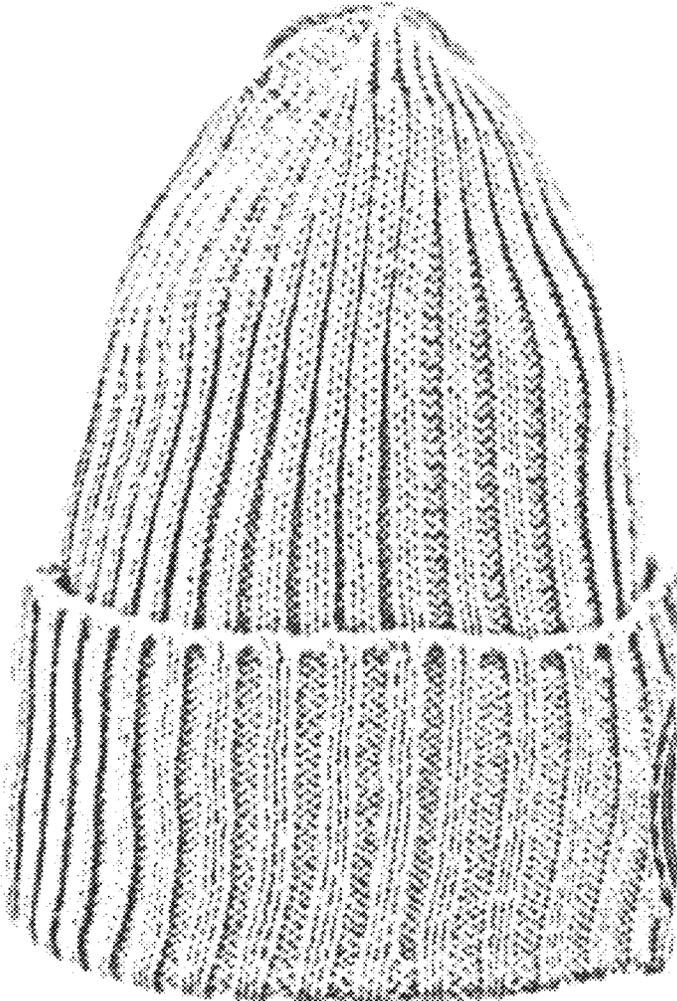


FIG. 58

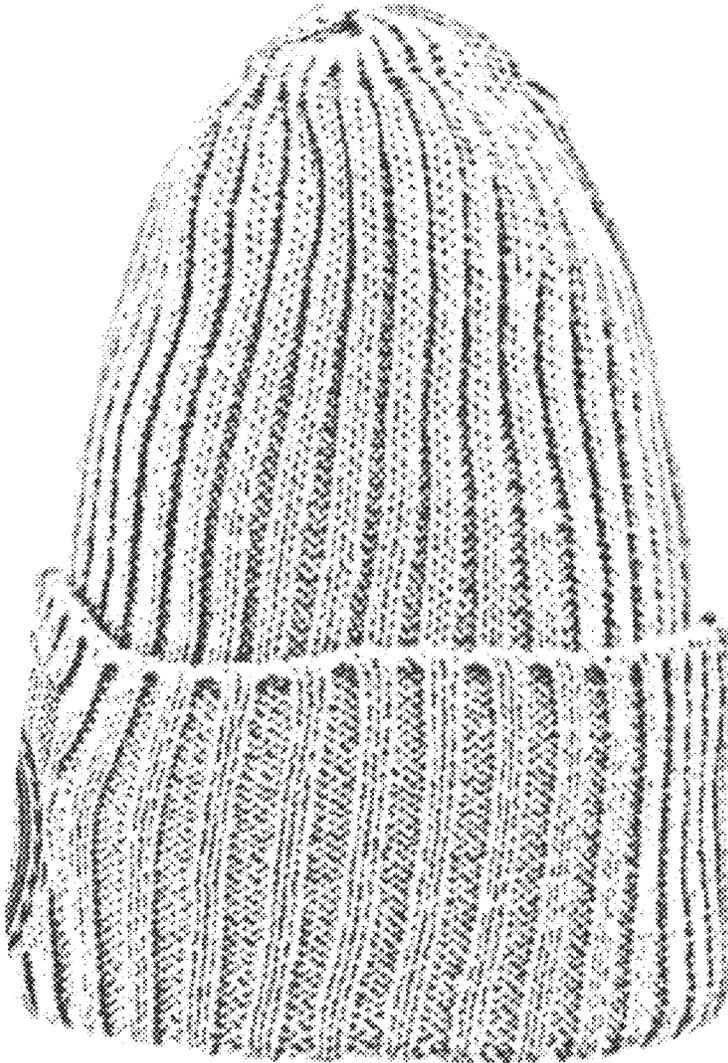


FIG. 59

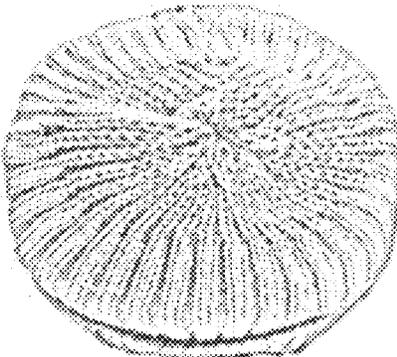


FIG. 60

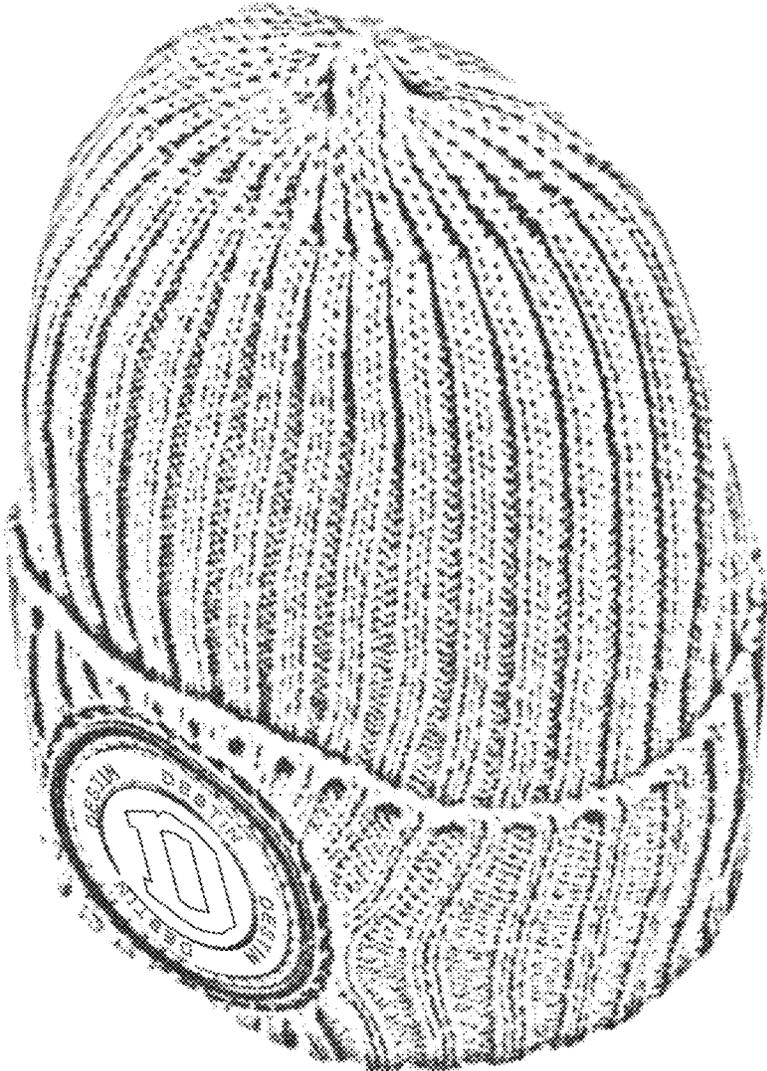


FIG. 61

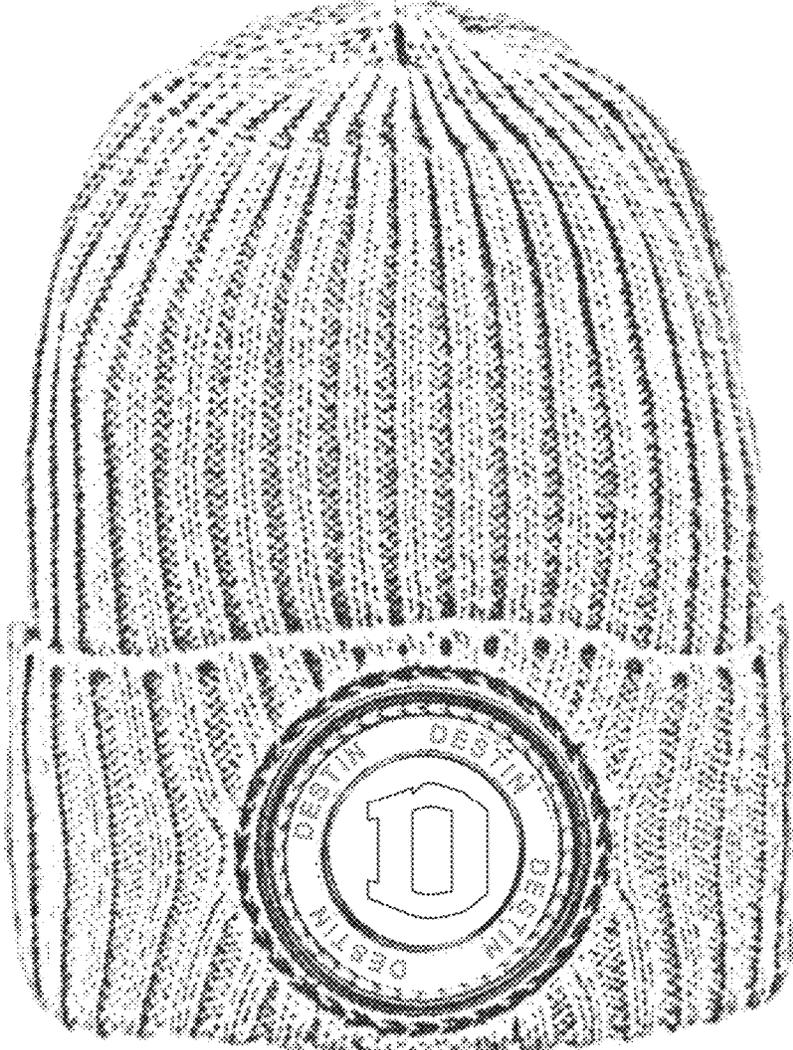


FIG. 62

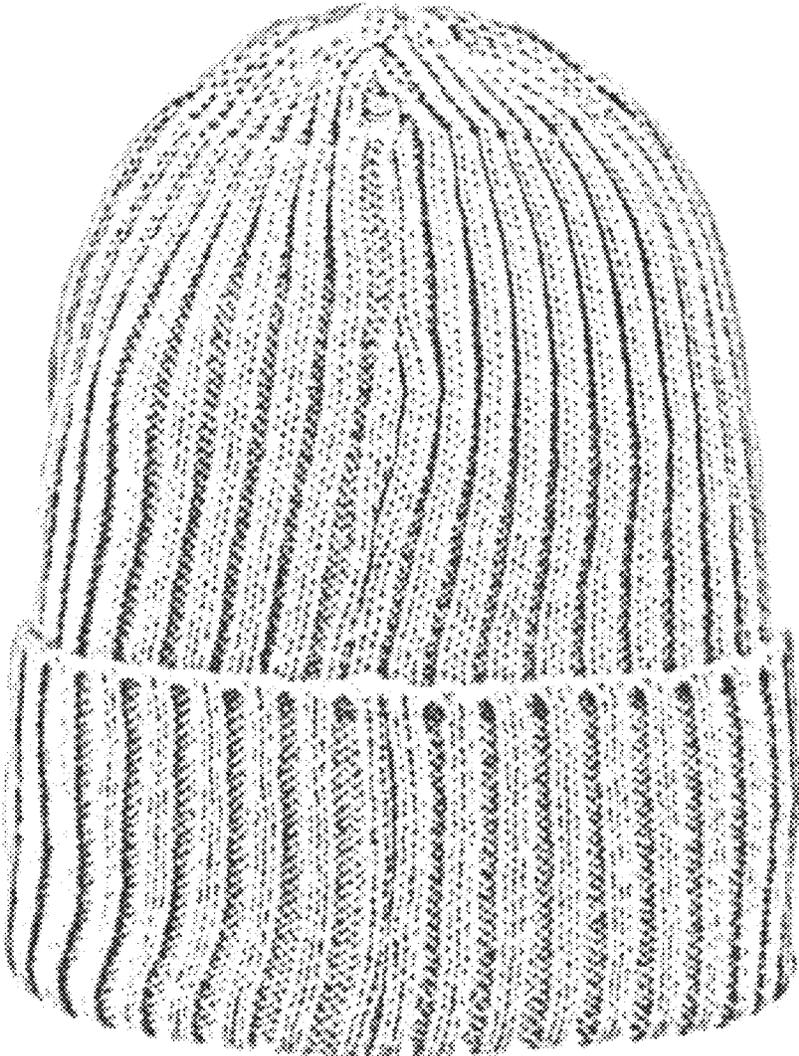


FIG. 63

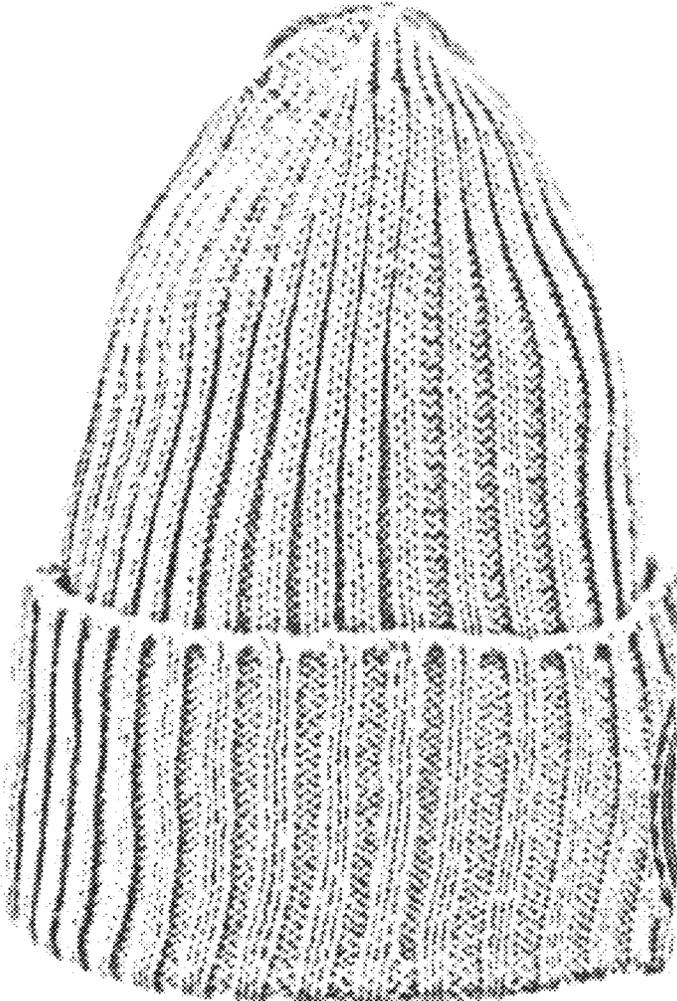


FIG. 64

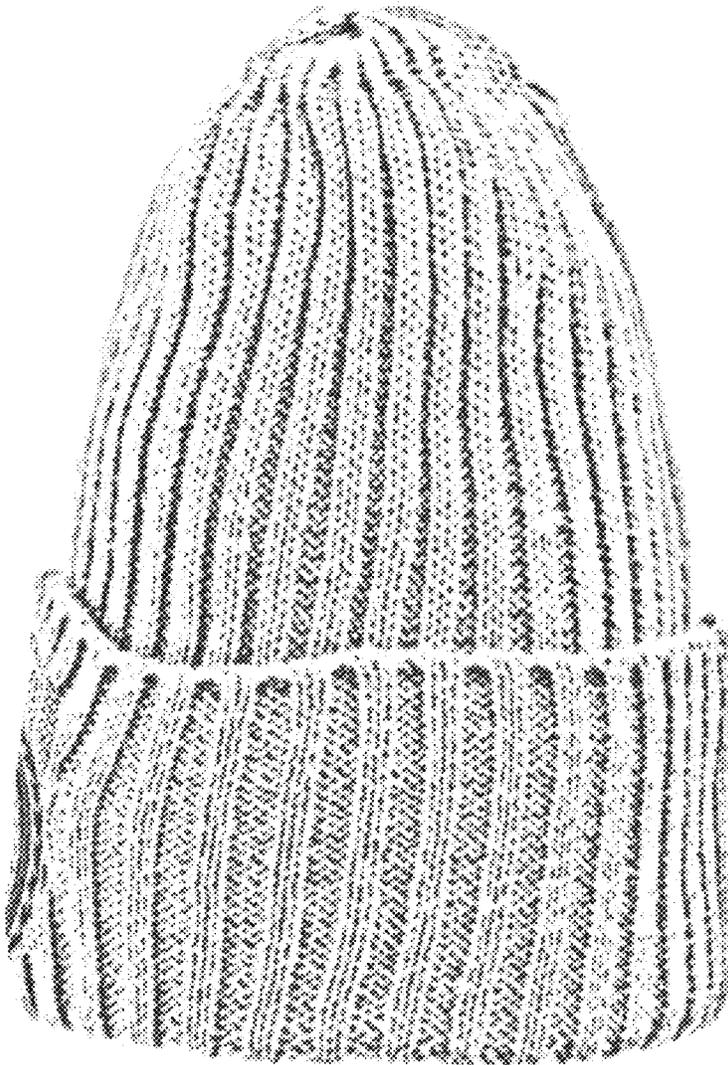


FIG. 65

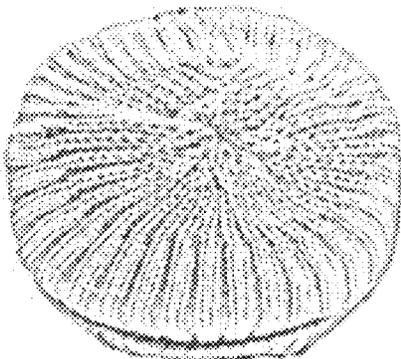


FIG. 66

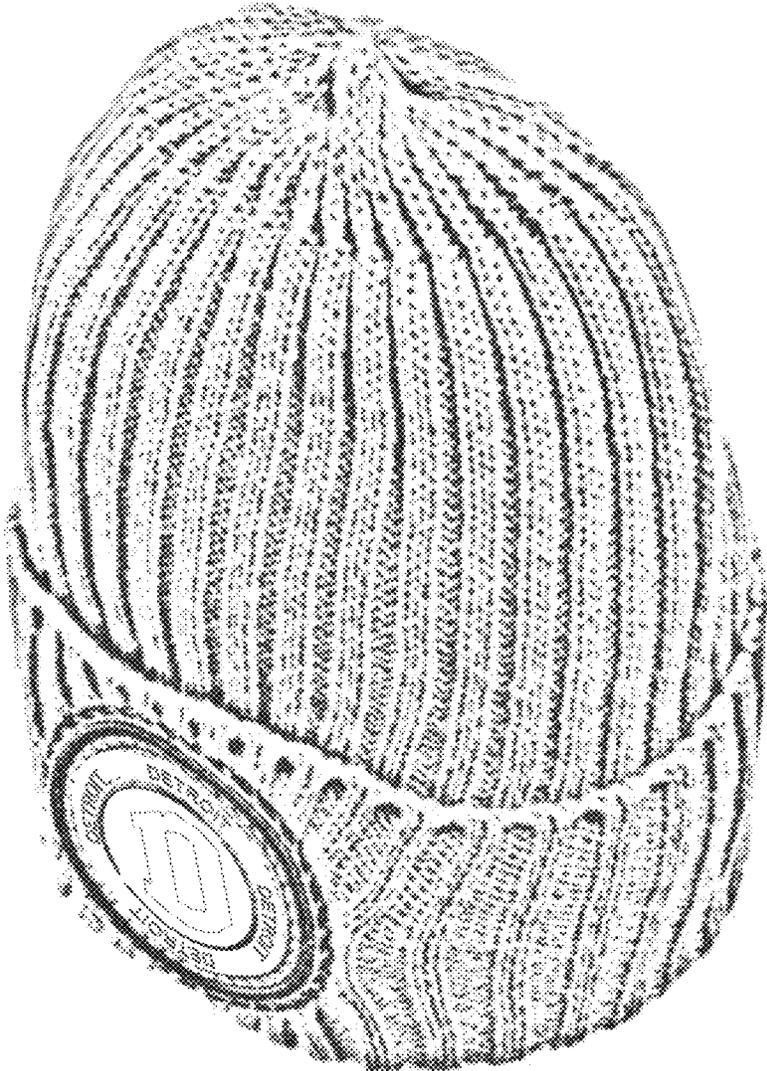


FIG. 67

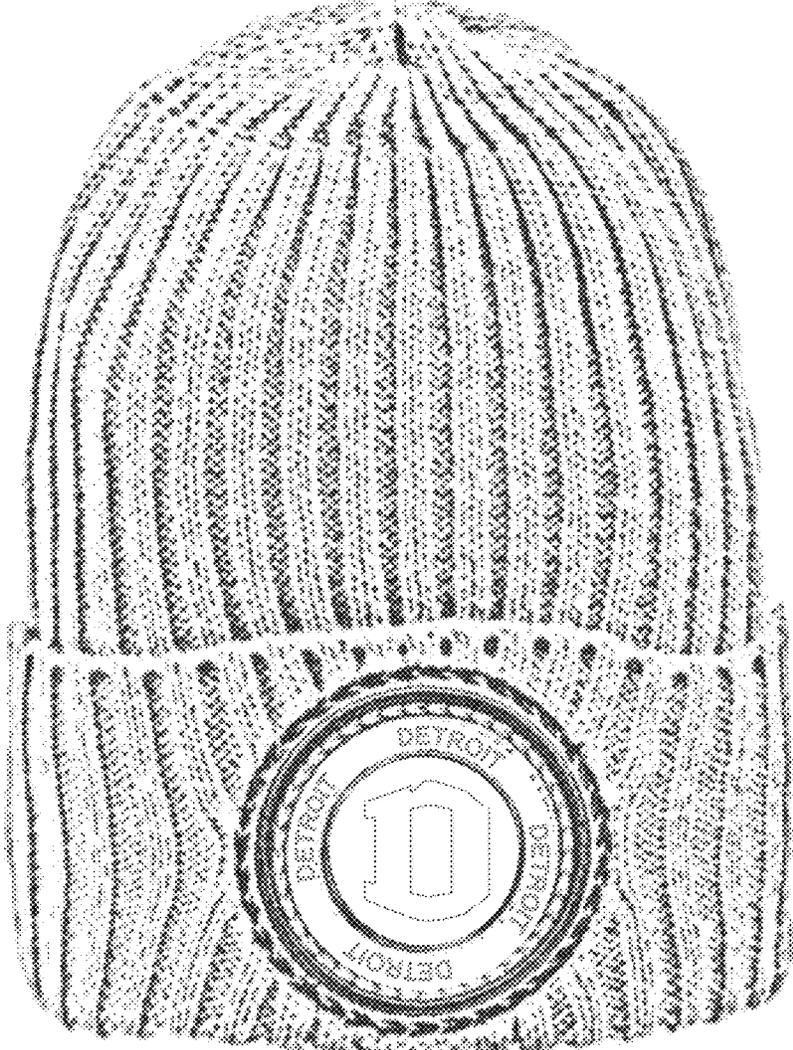


FIG. 68



FIG. 69

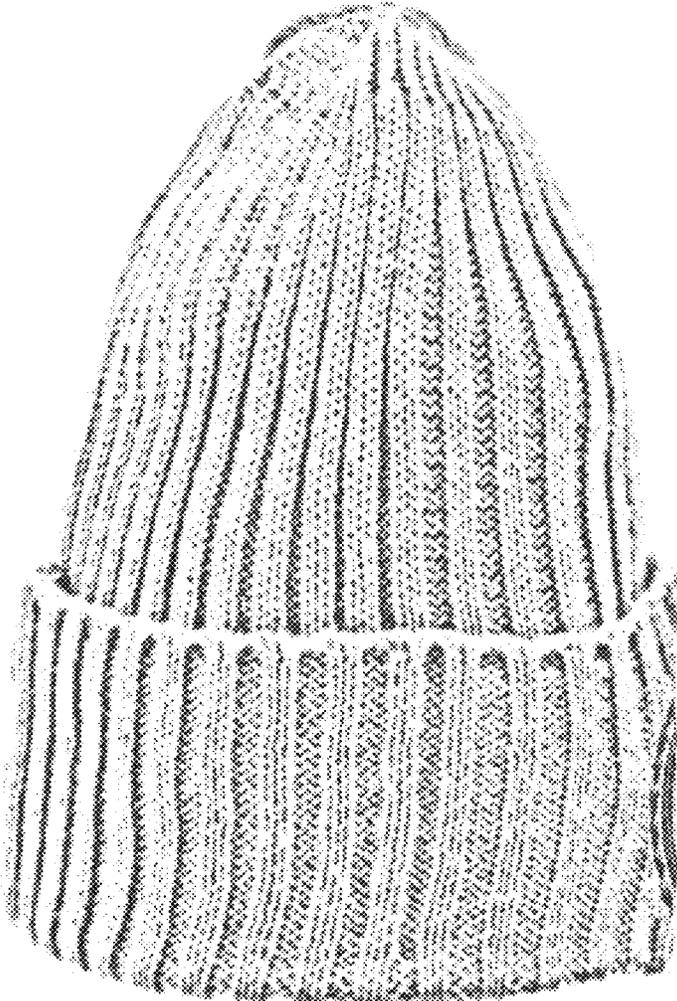


FIG. 70

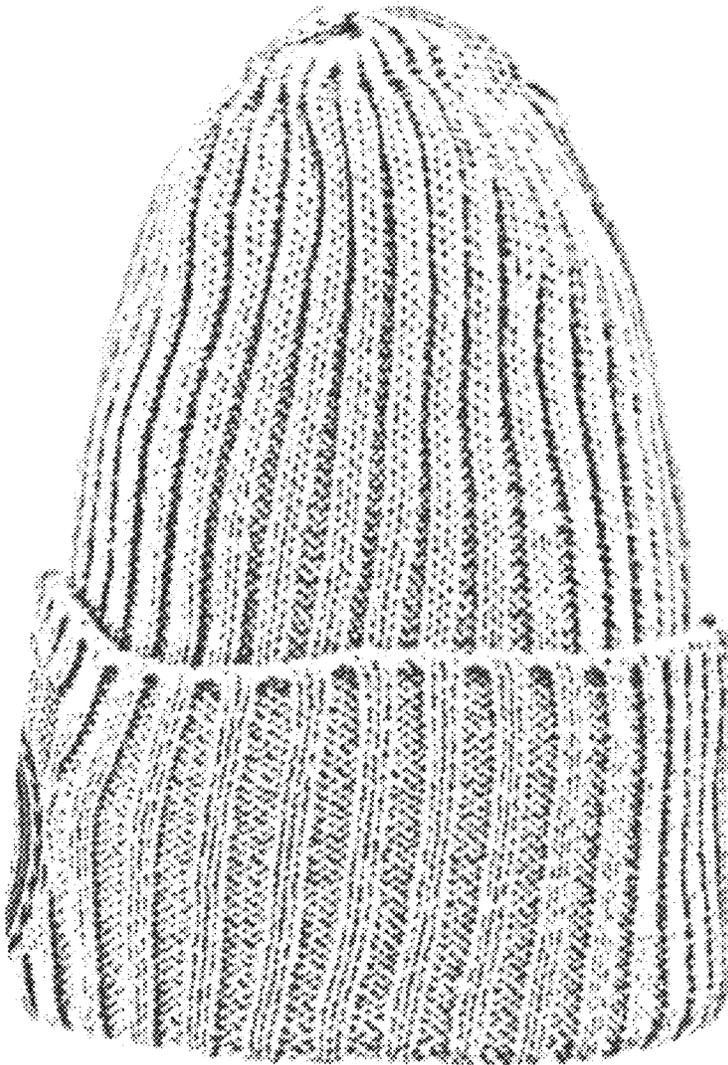


FIG. 71

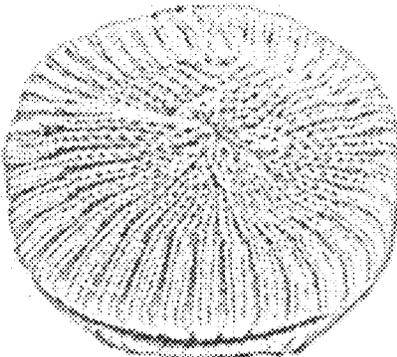


FIG. 72

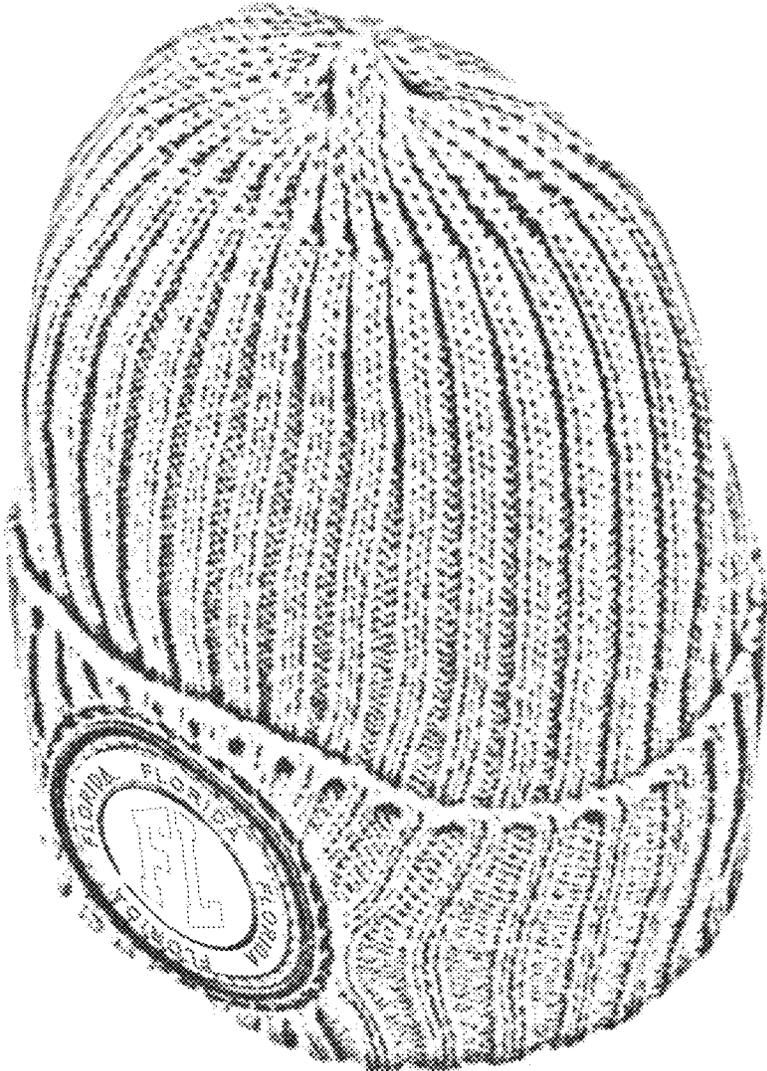


FIG. 73

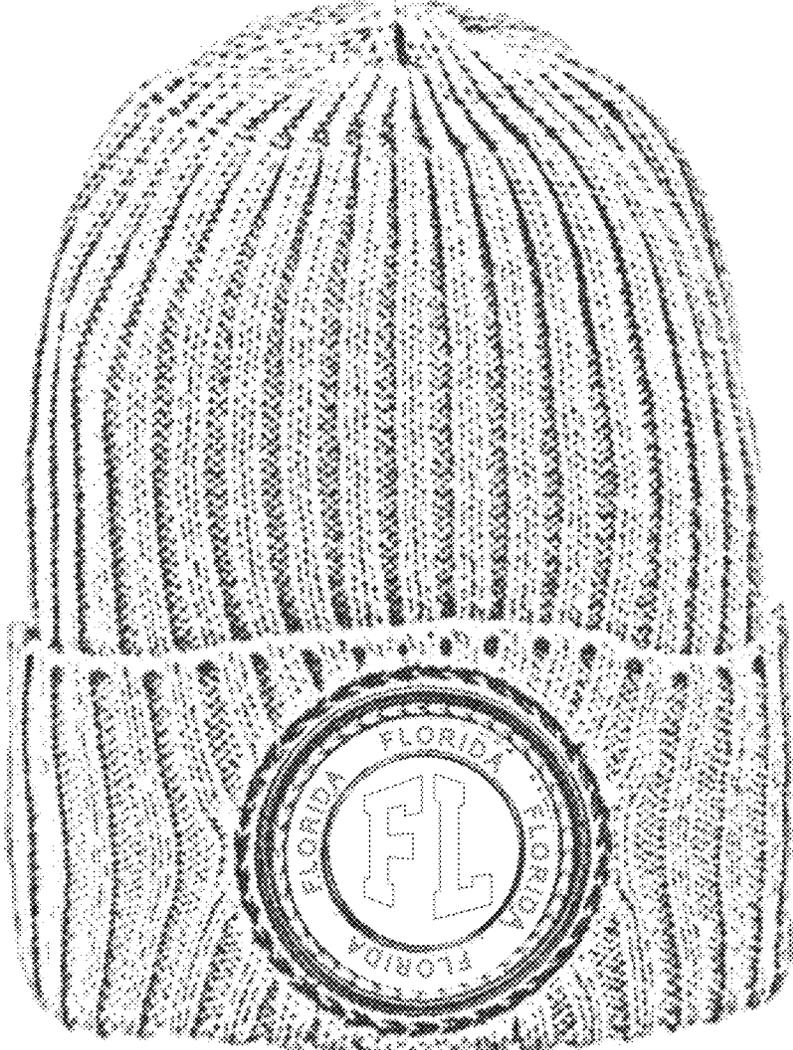


FIG. 74

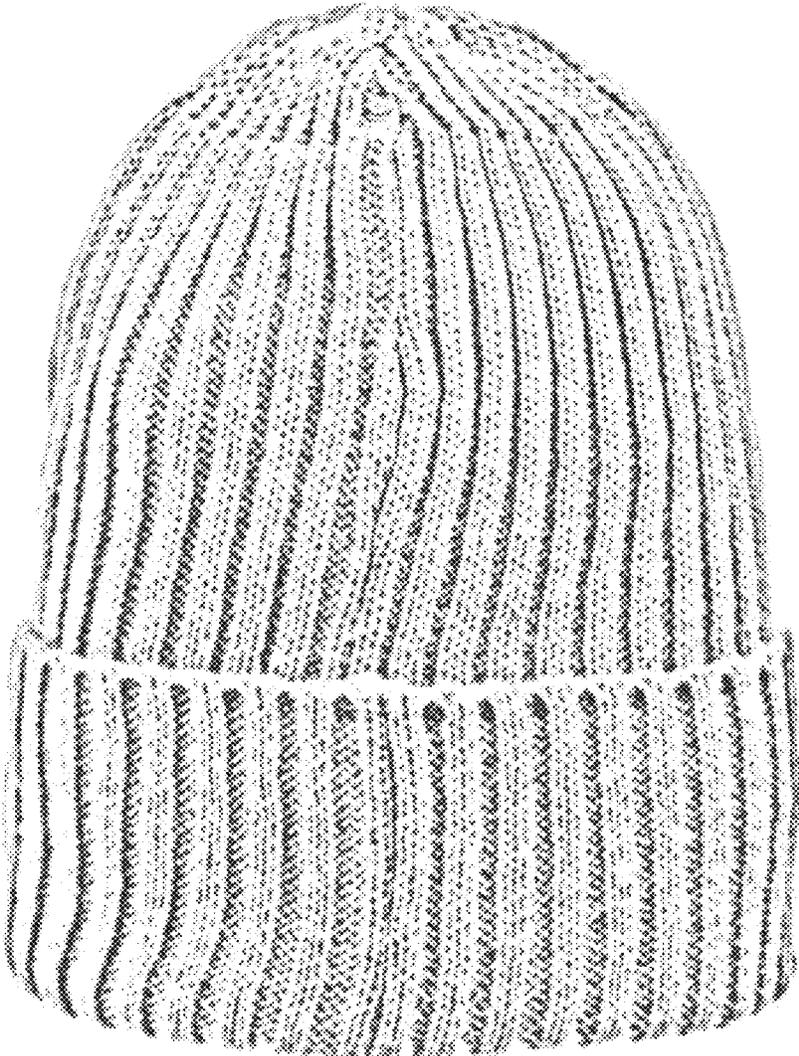


FIG. 75

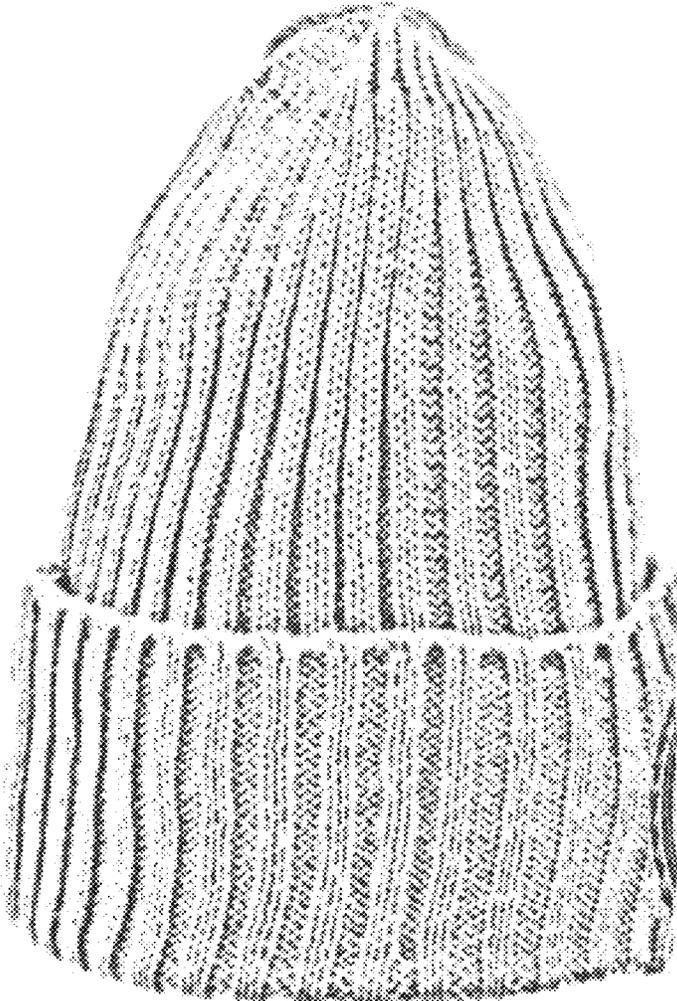


FIG. 76

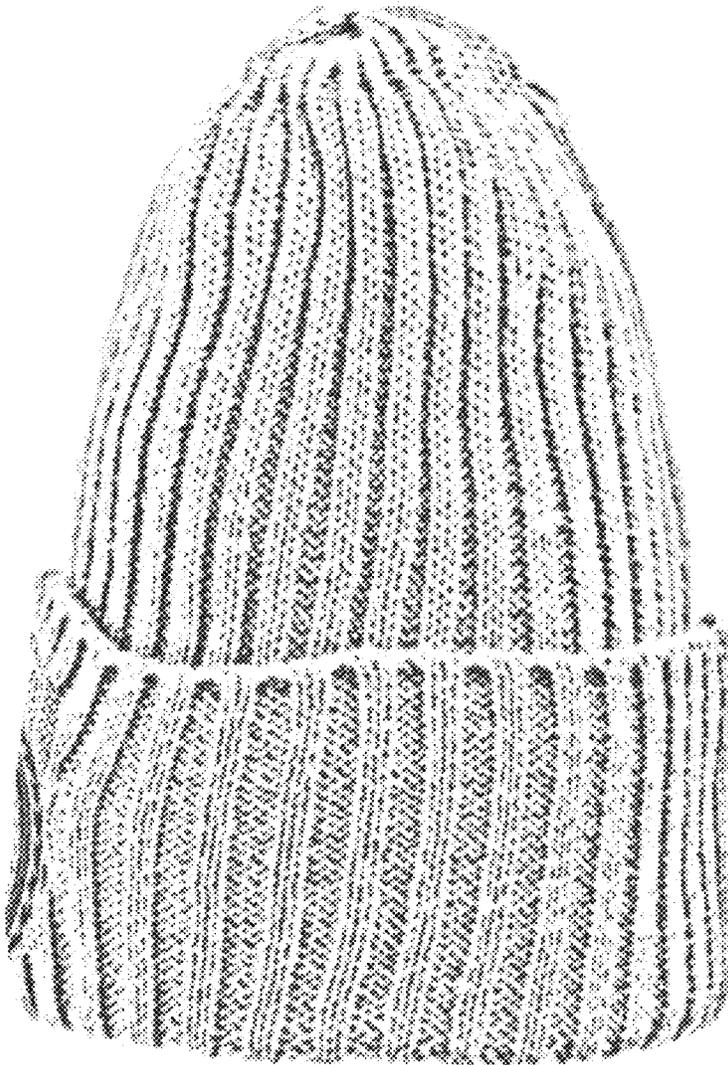


FIG. 77

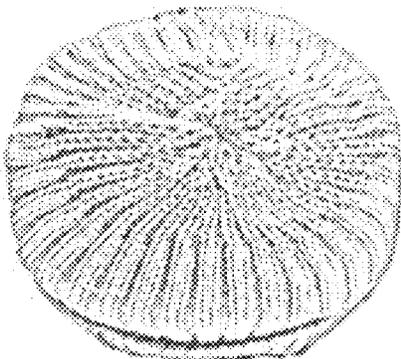


FIG. 78

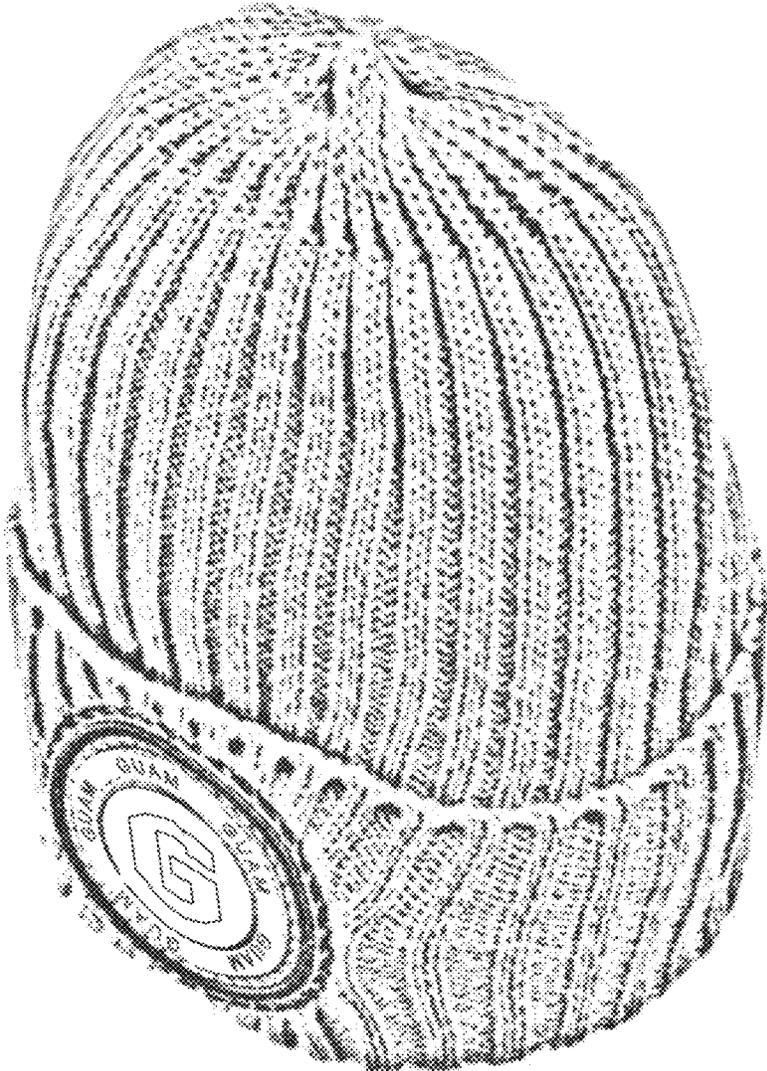


FIG. 79

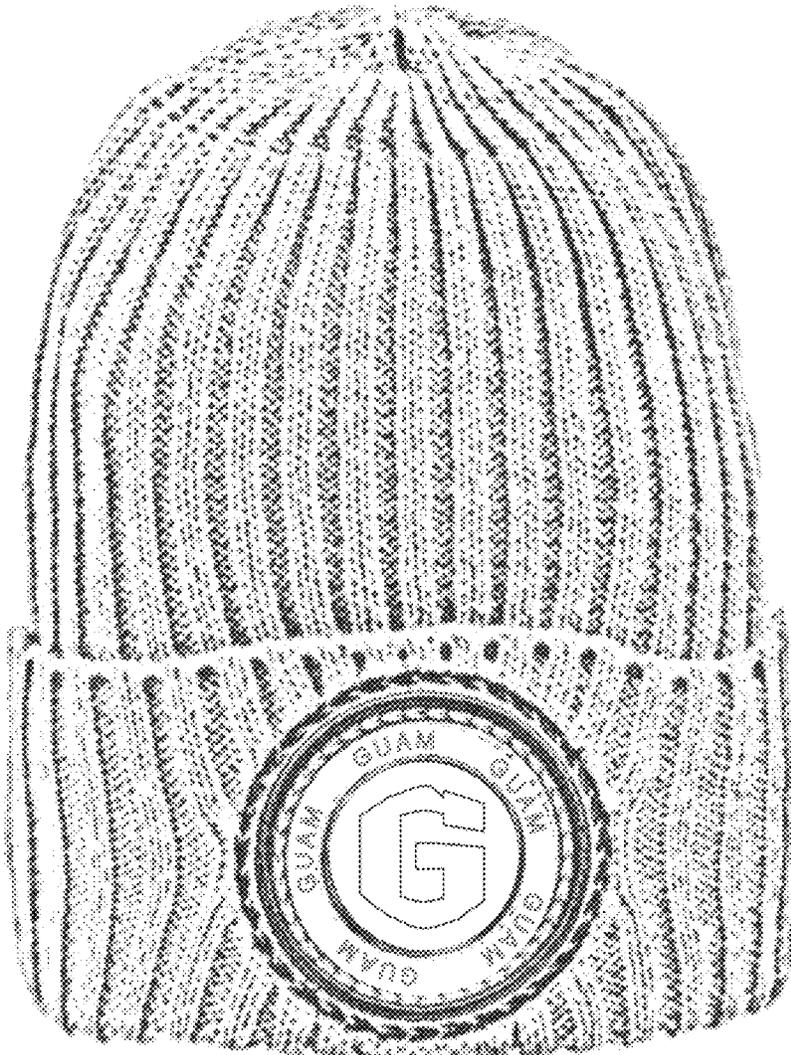


FIG. 80

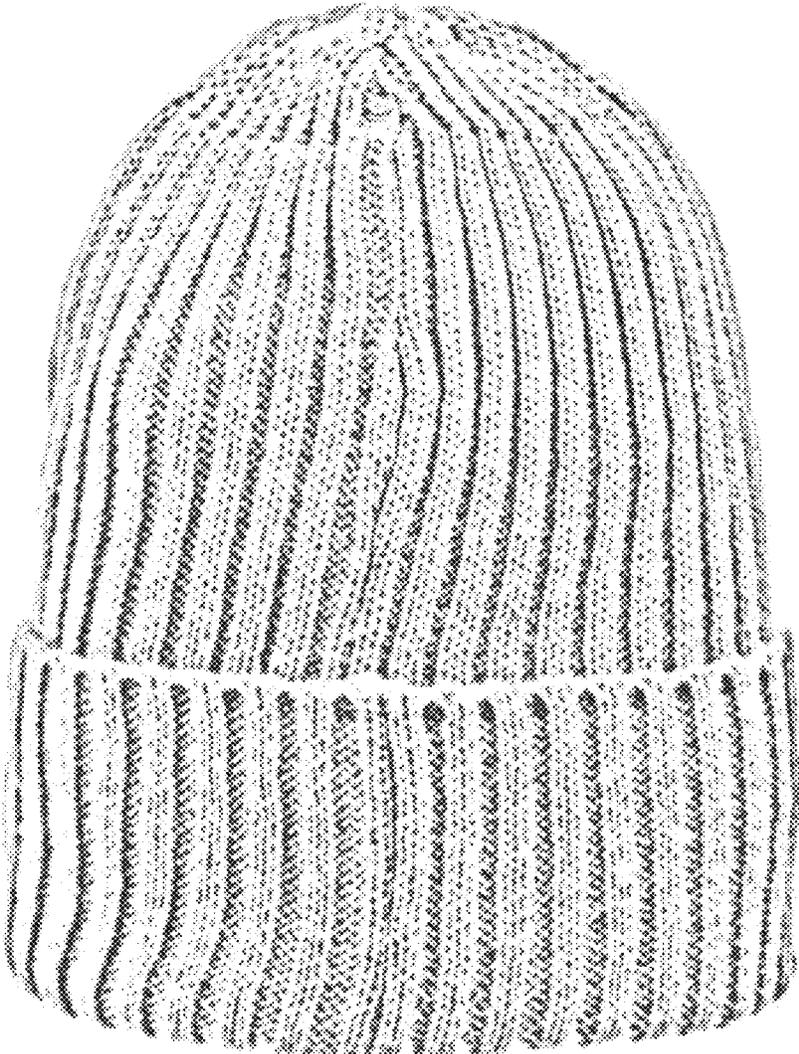


FIG. 81

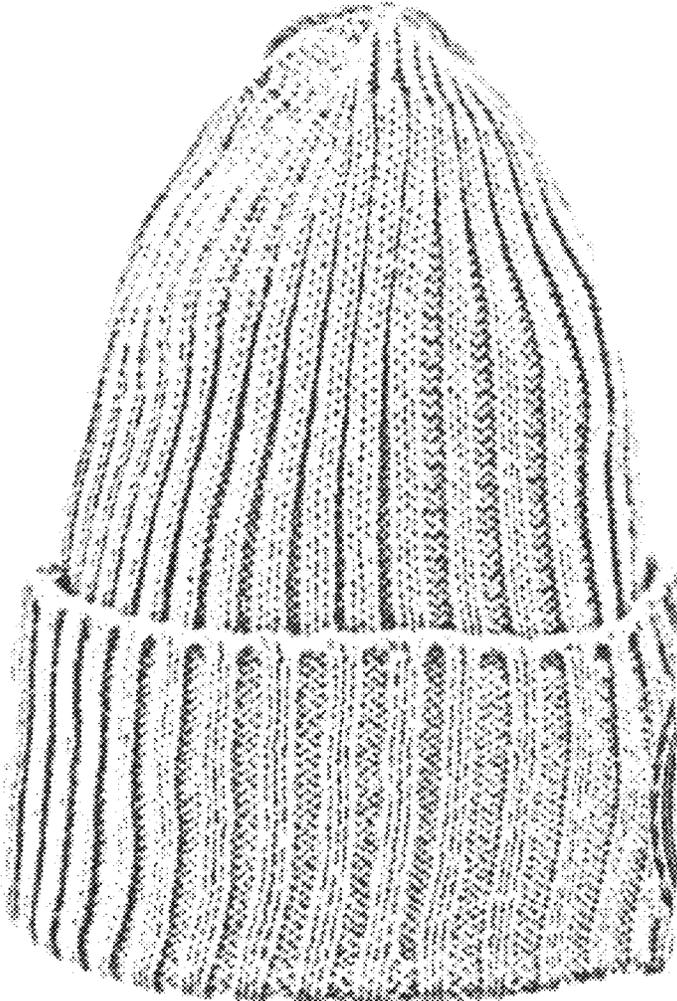


FIG. 82

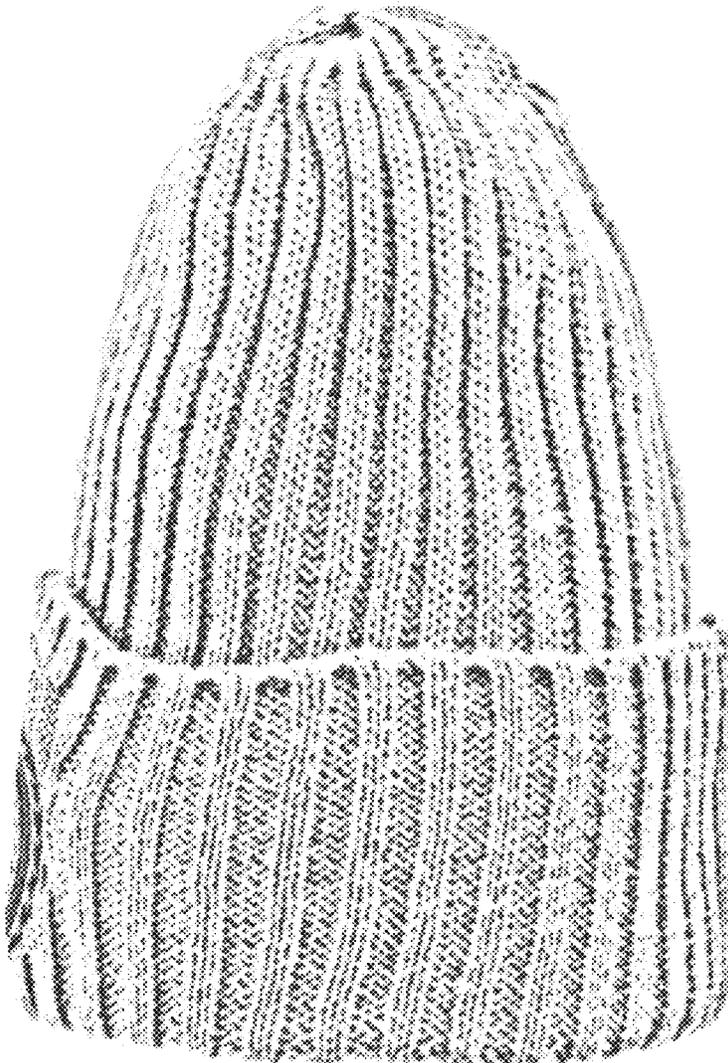


FIG. 83

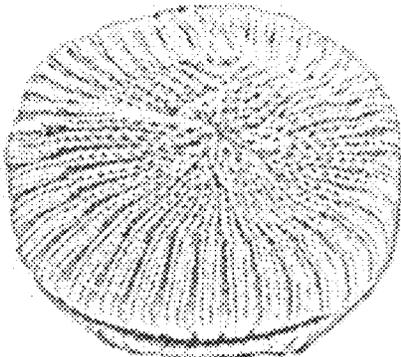


FIG. 84

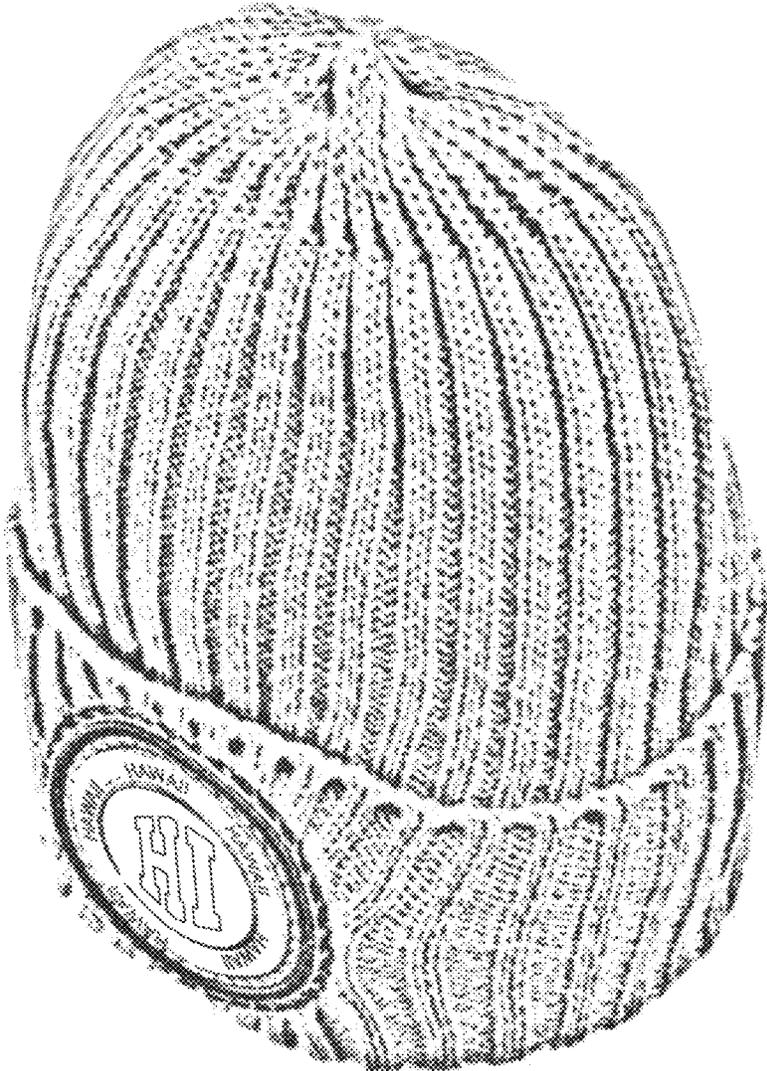


FIG. 85

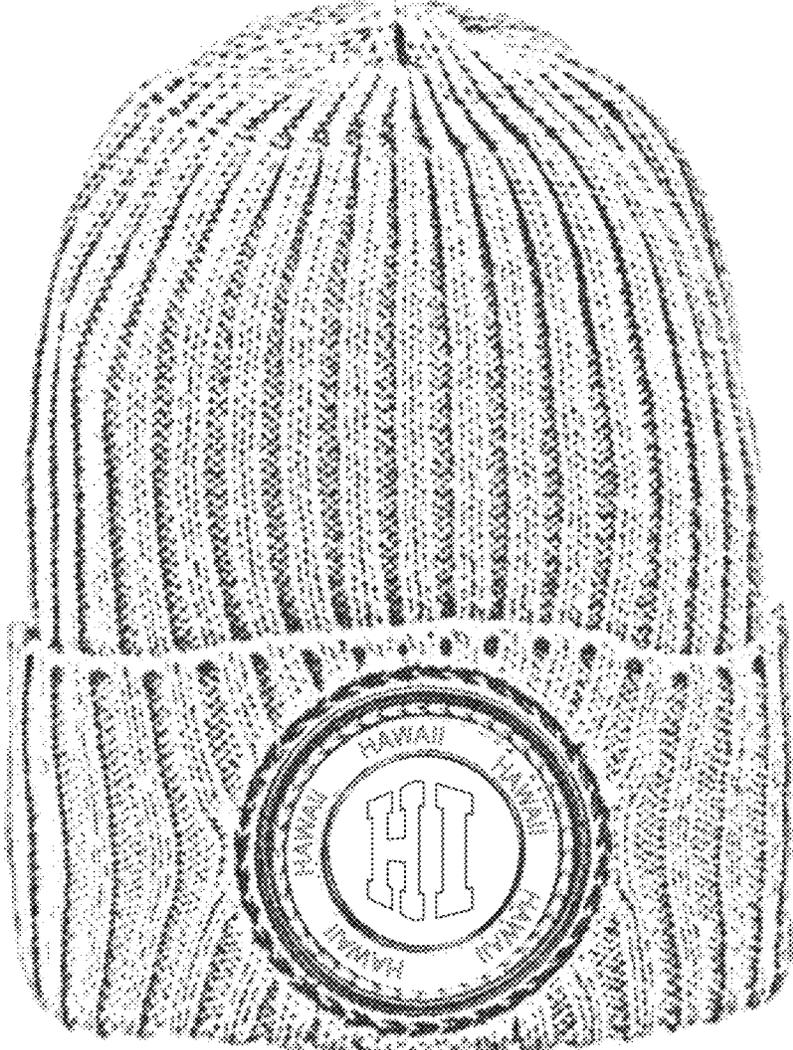


FIG. 86

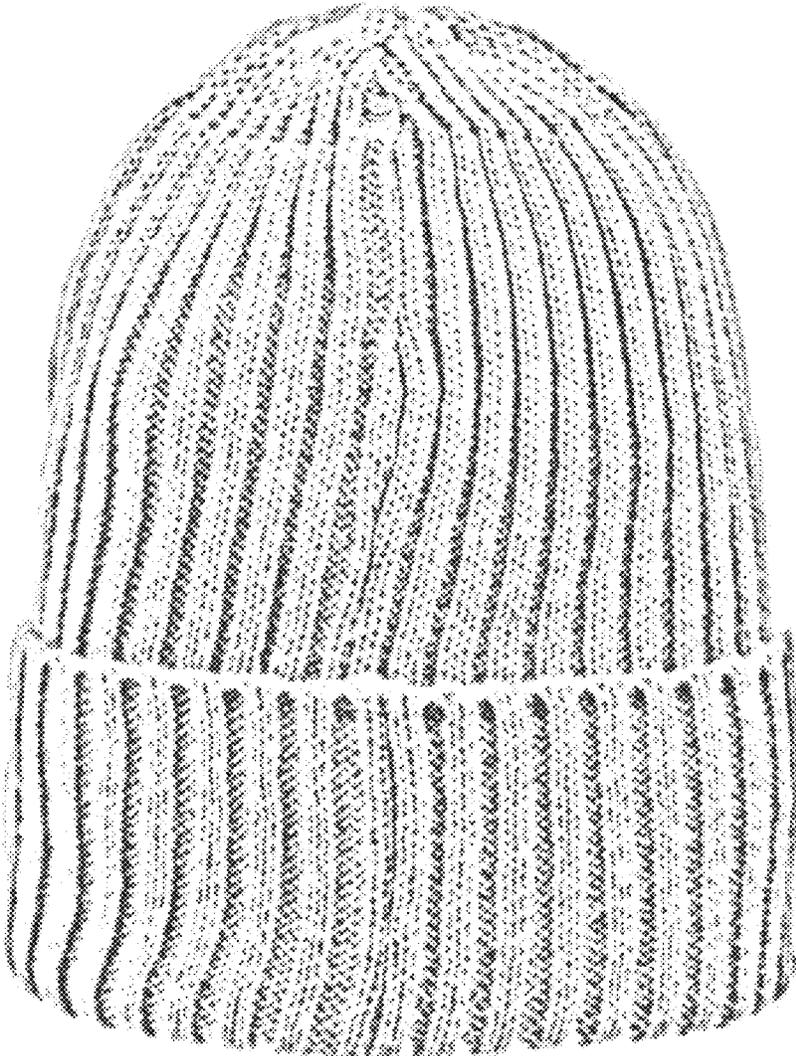


FIG. 87

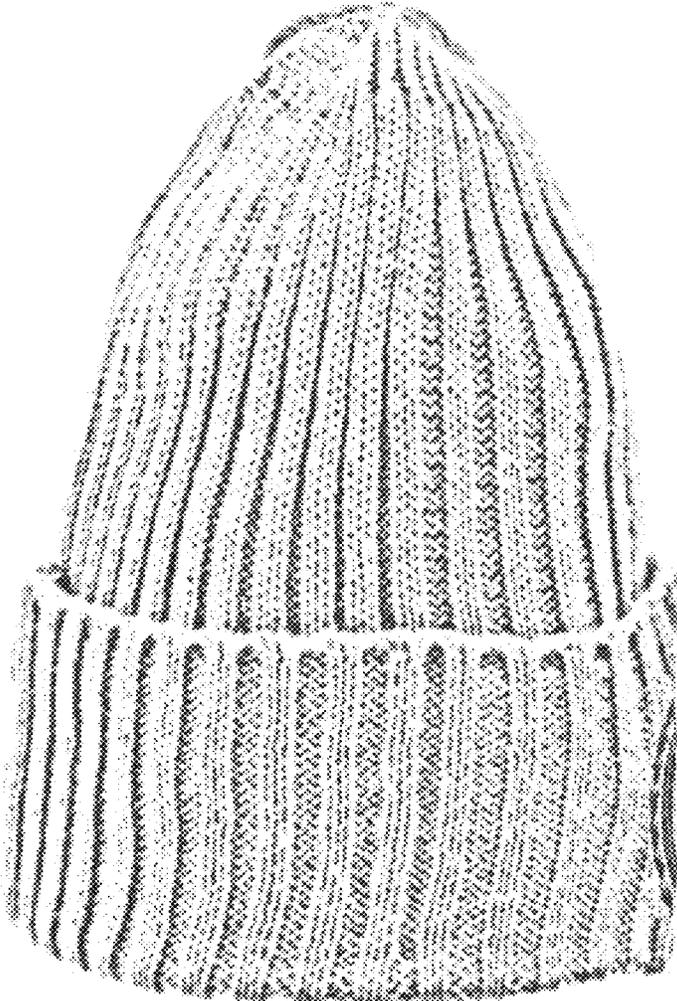


FIG. 88

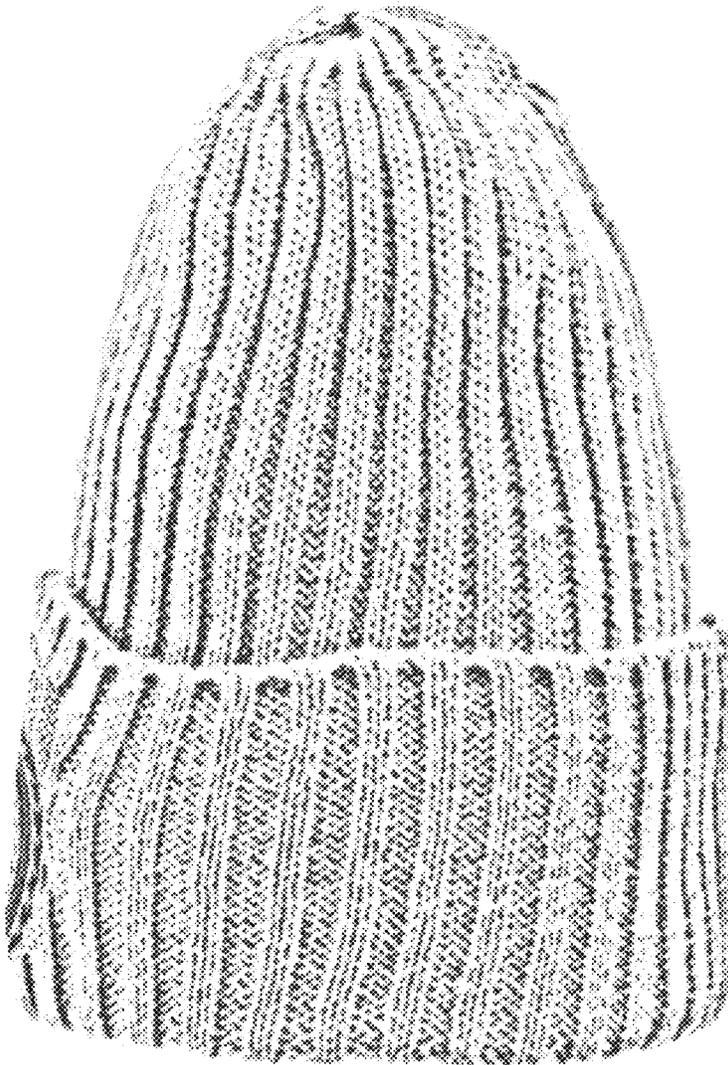


FIG. 89

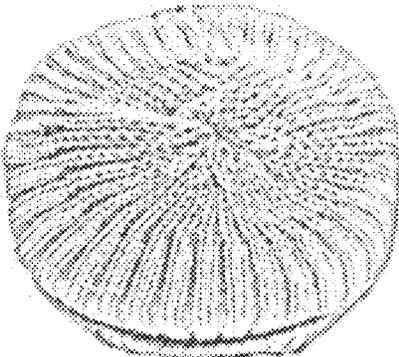


FIG. 90

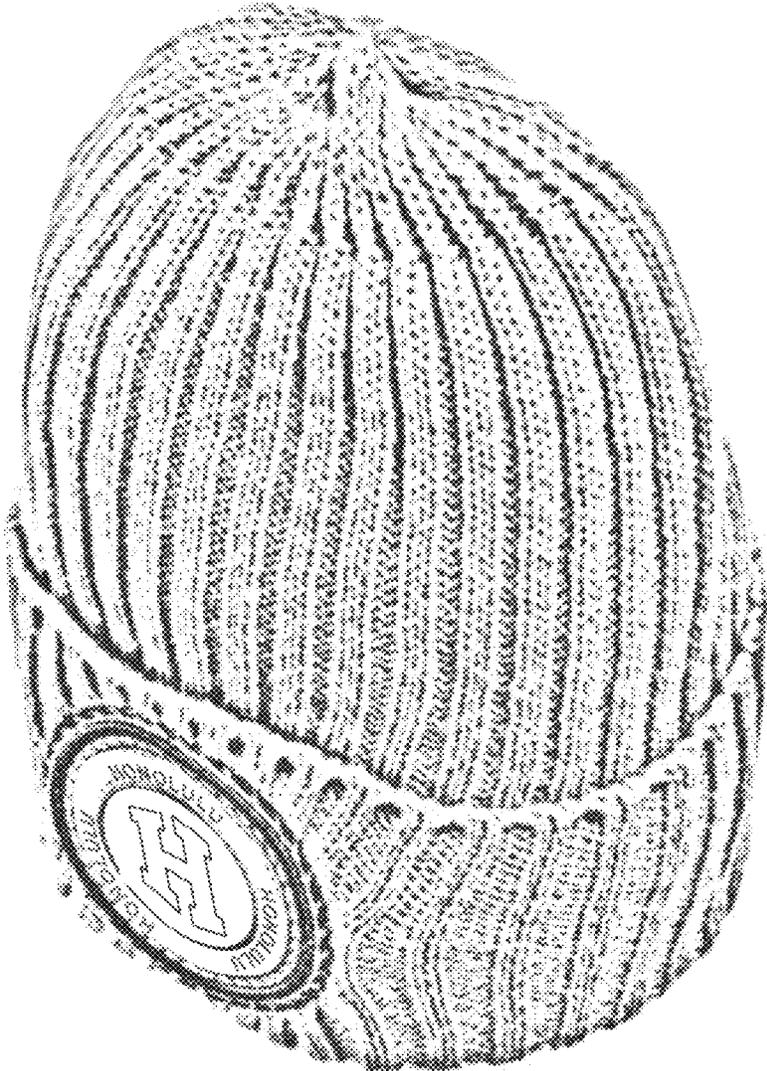


FIG. 91

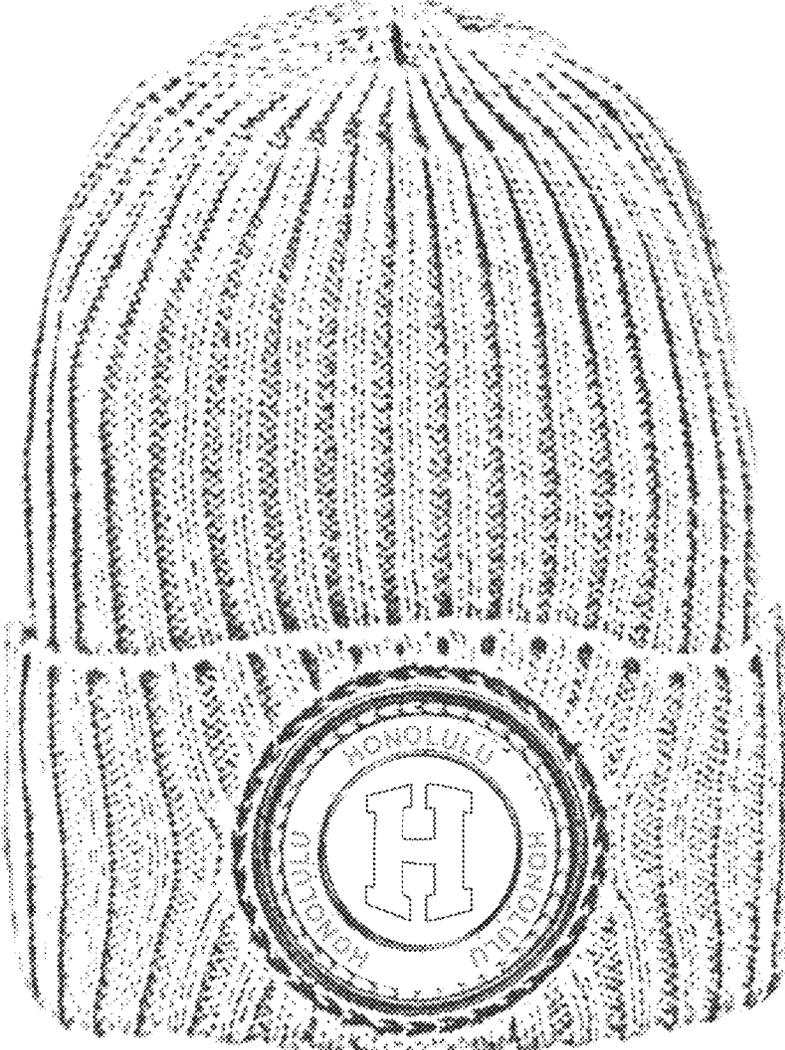


FIG. 92

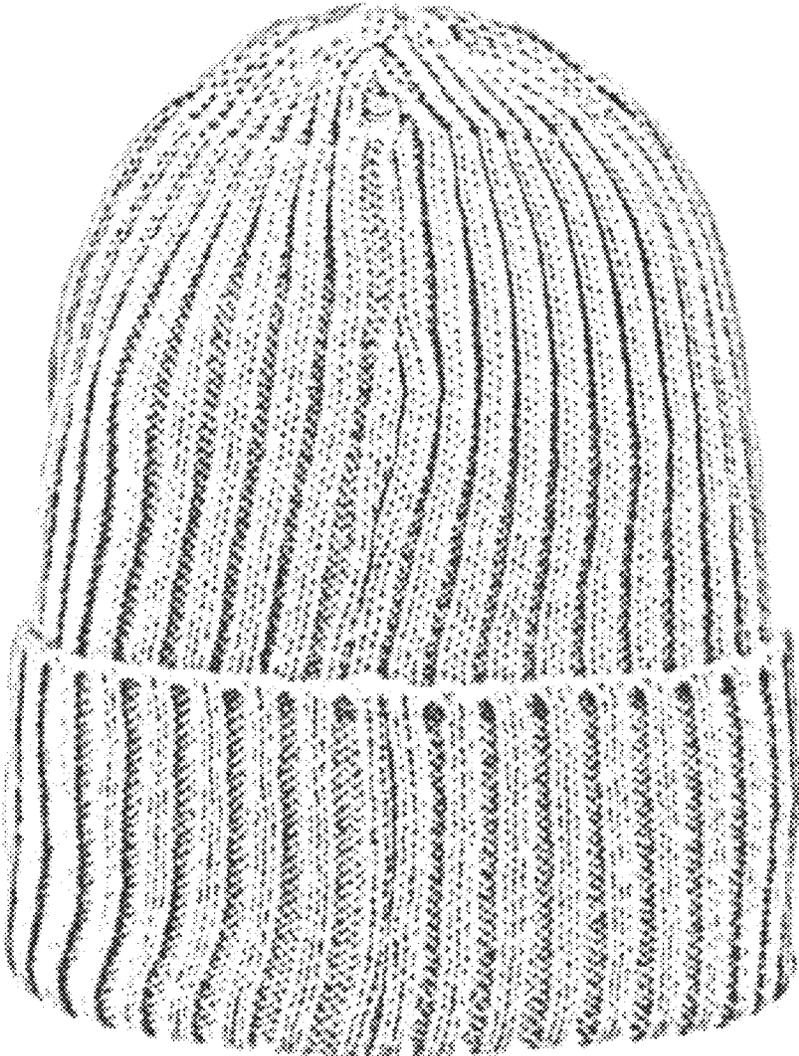


FIG. 93

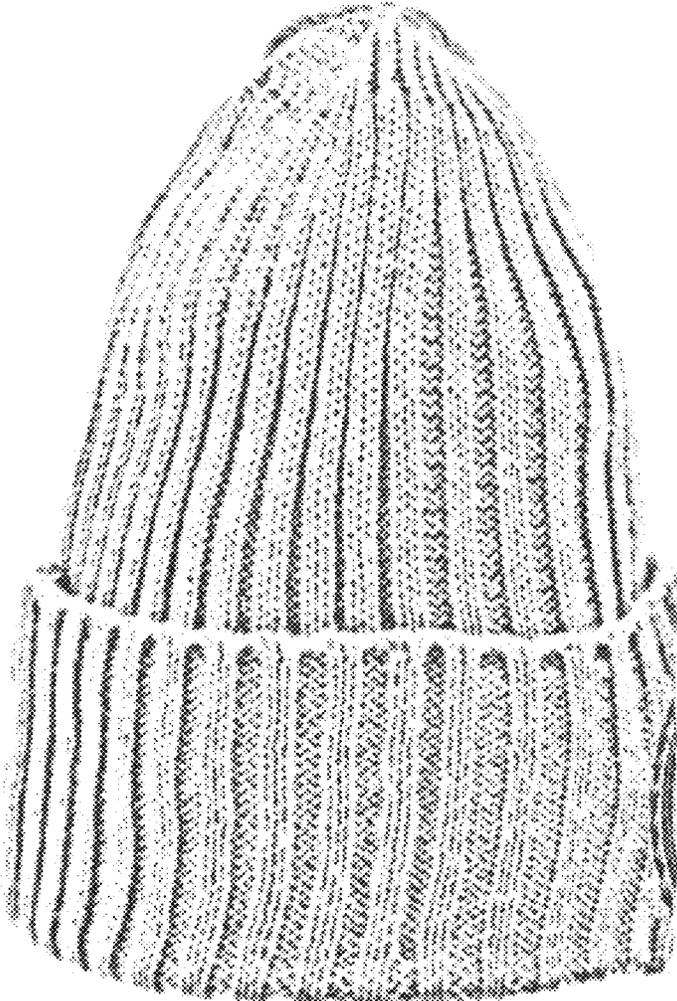


FIG. 94

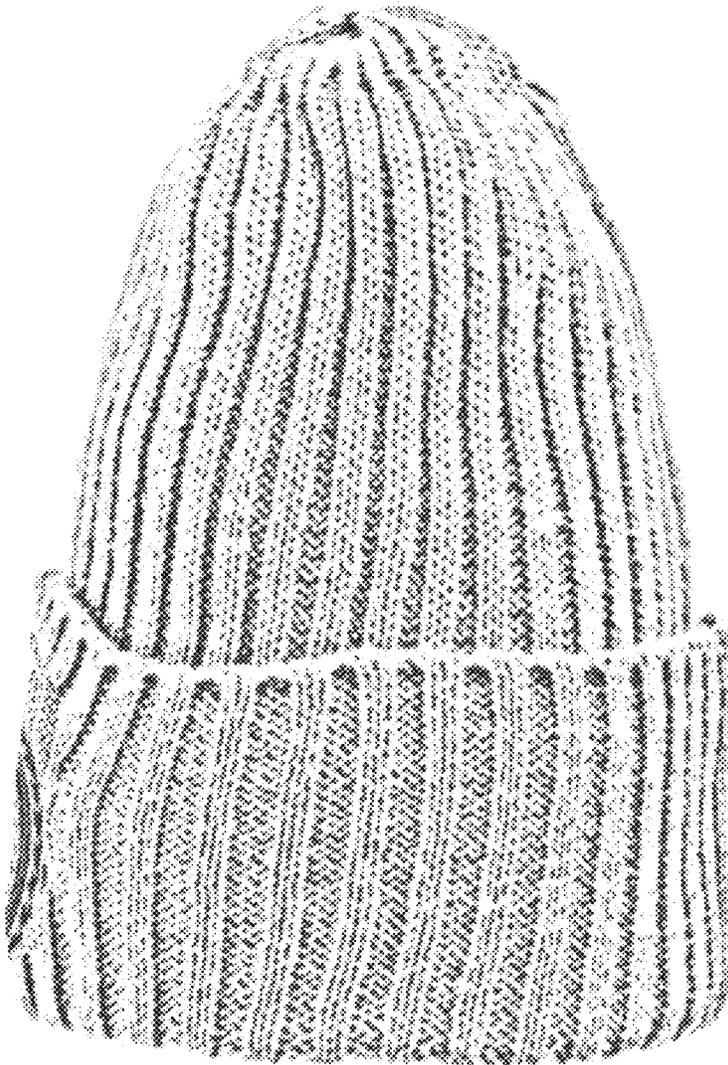


FIG. 95

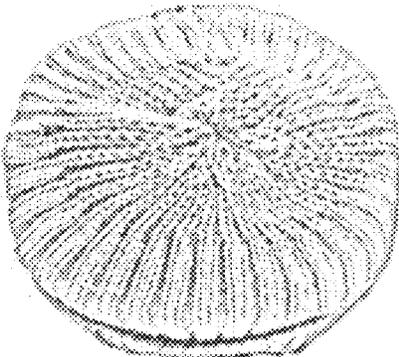


FIG. 96

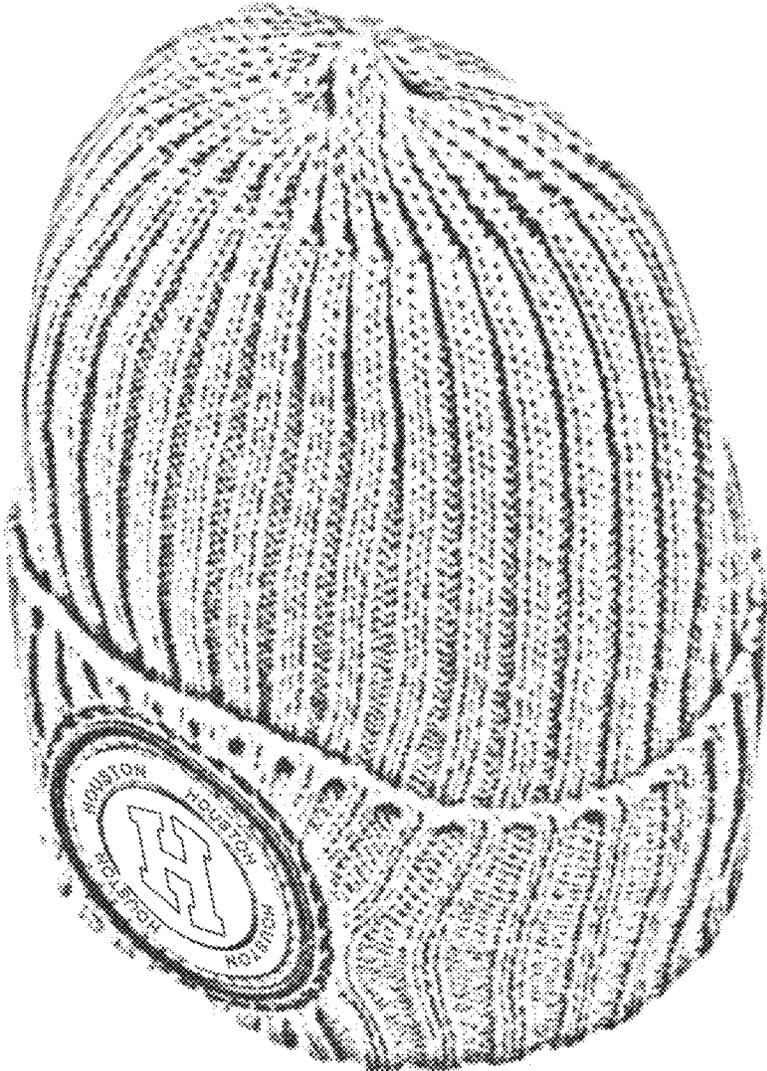


FIG. 97

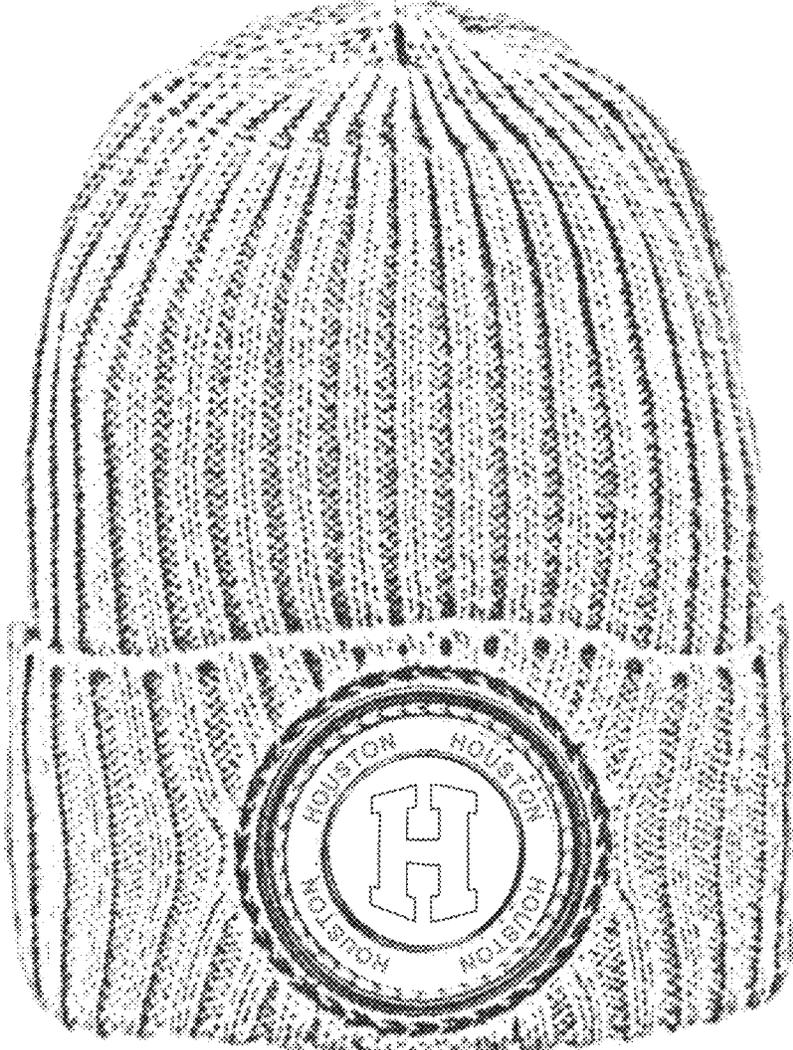


FIG. 98

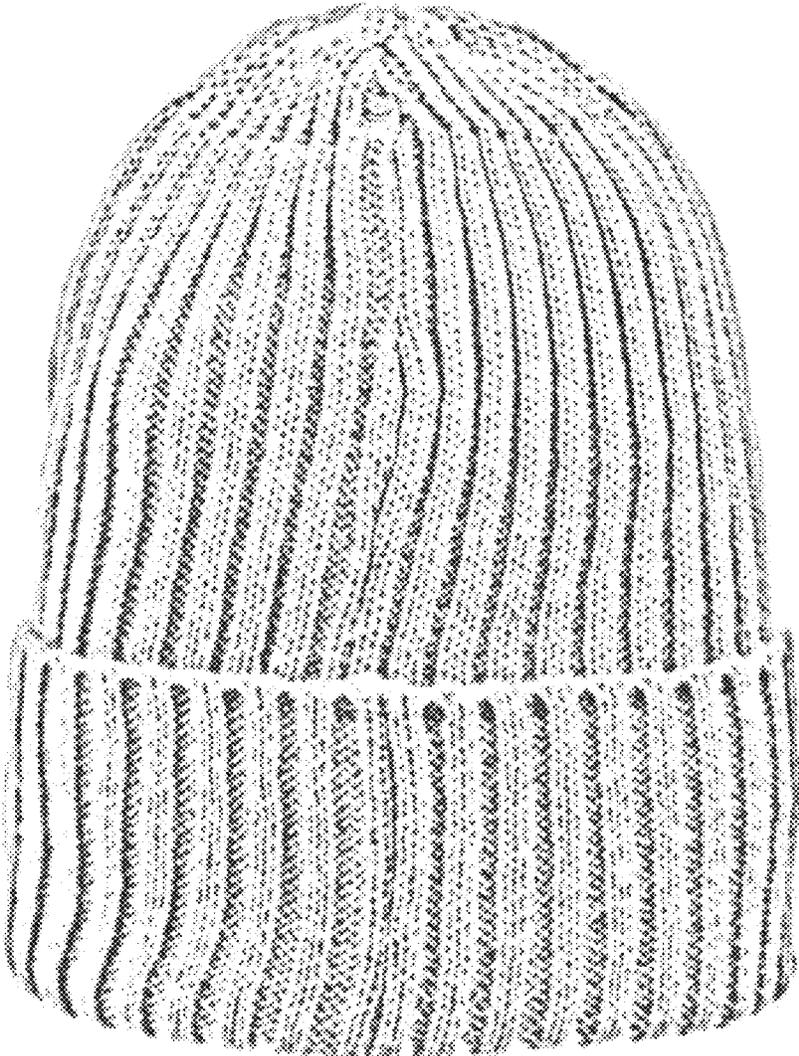


FIG. 99

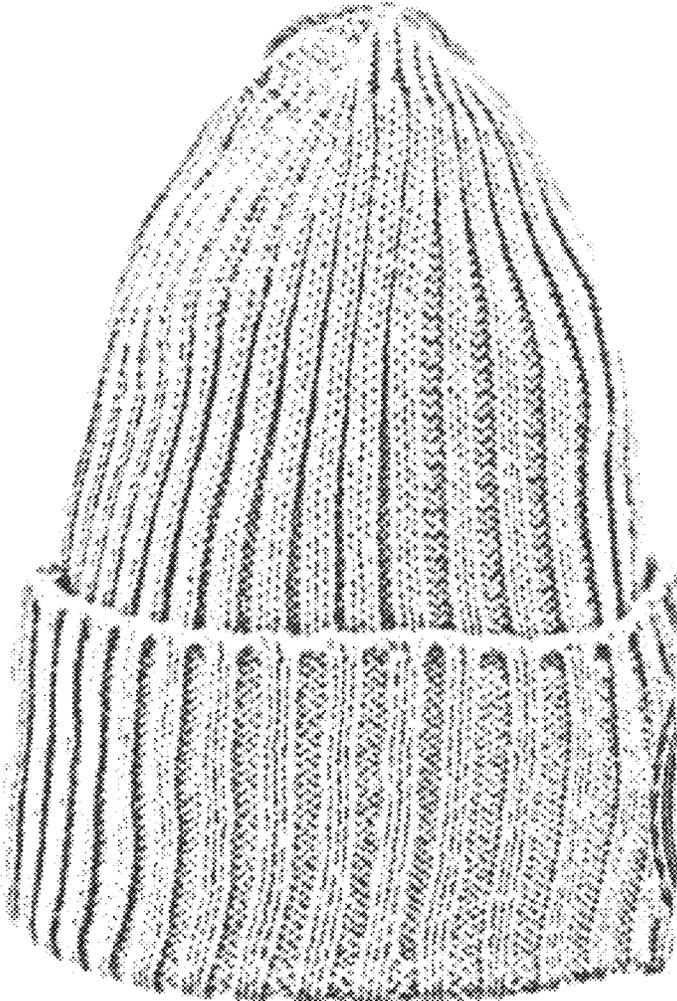


FIG. 100

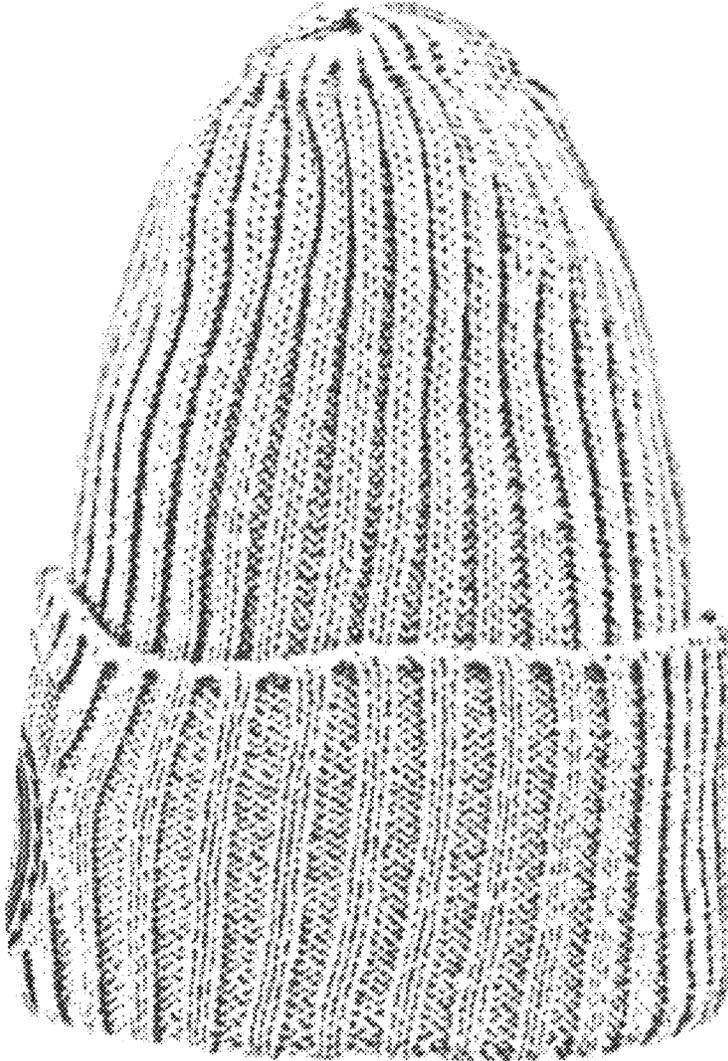


FIG. 101

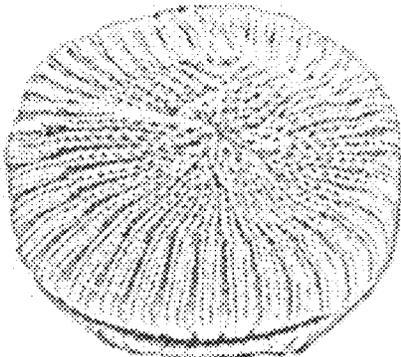


FIG. 102

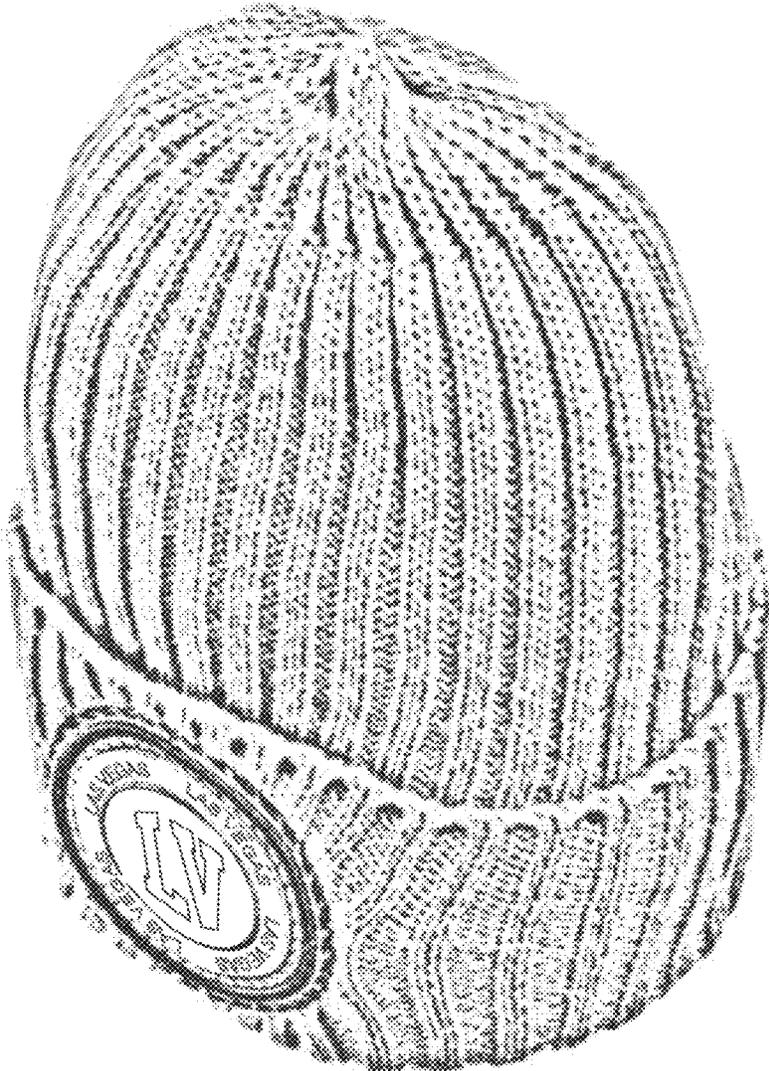


FIG. 103

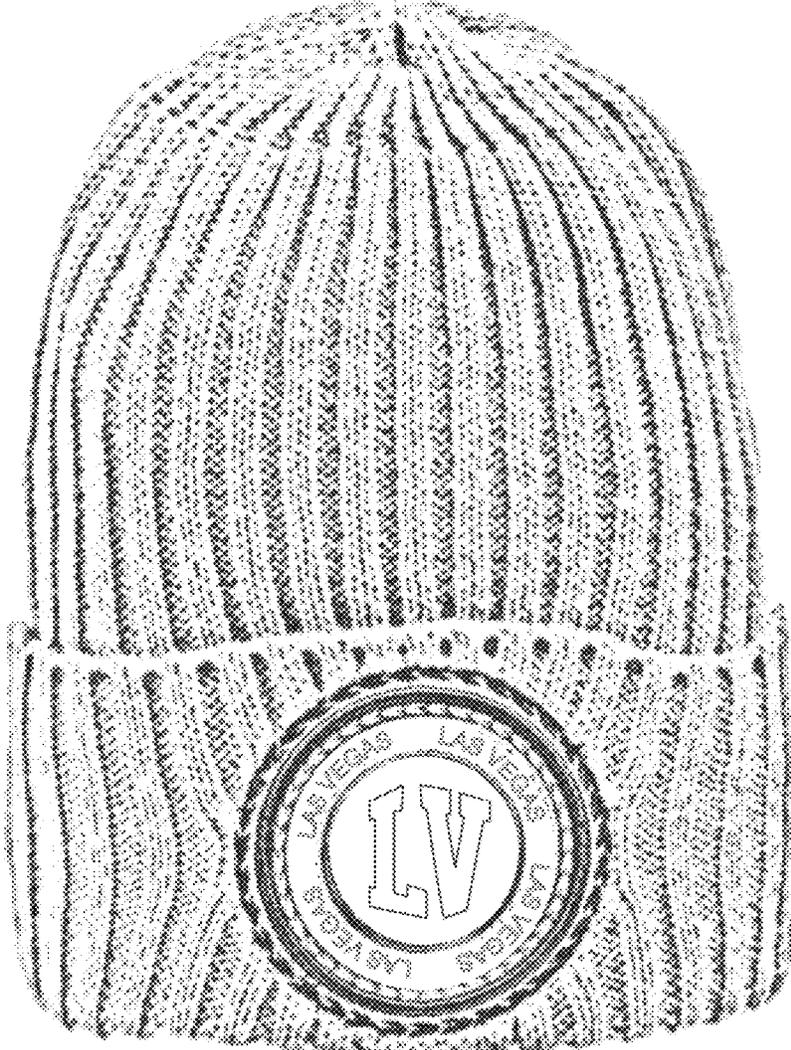


FIG. 104

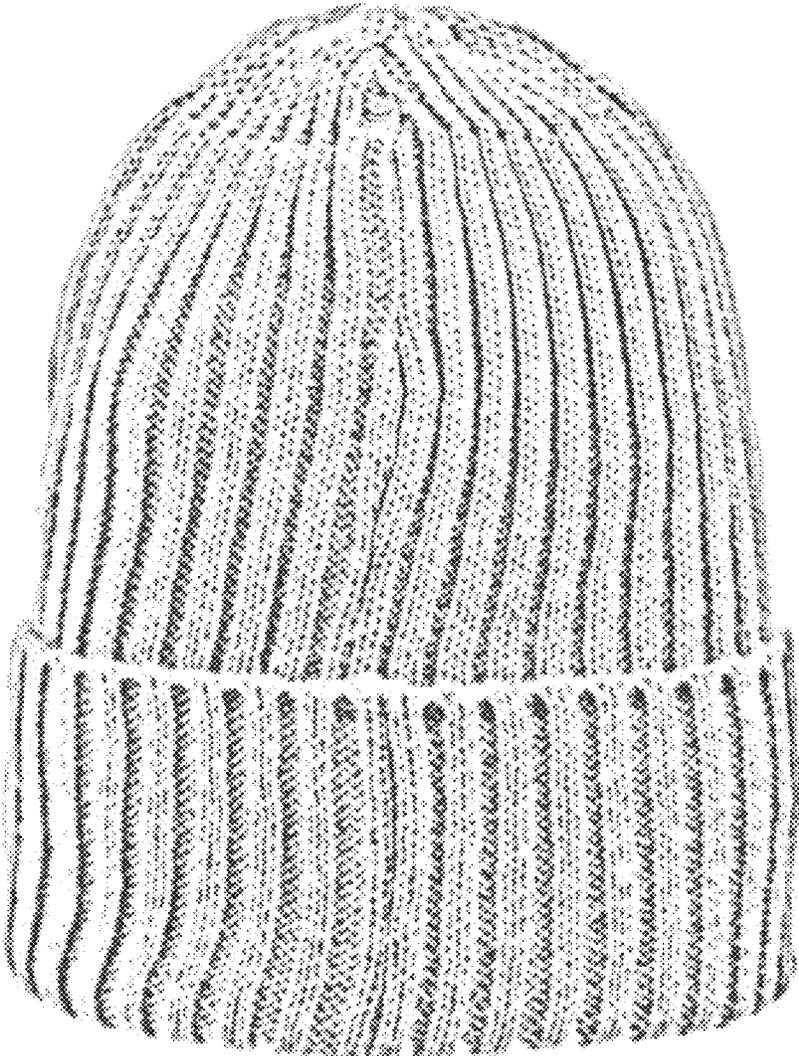


FIG. 105

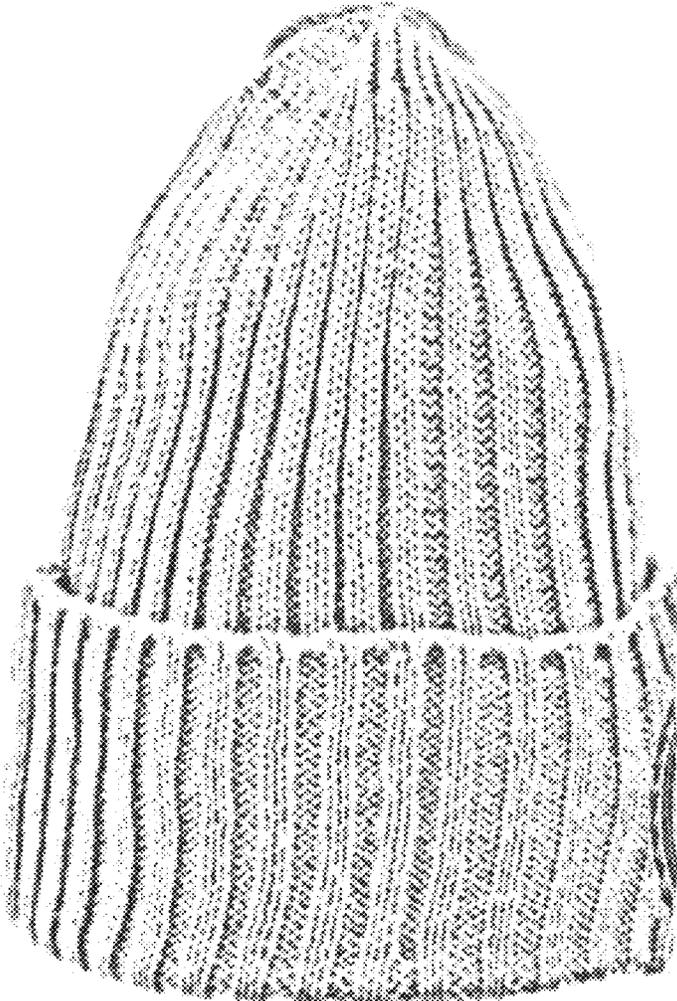


FIG. 106

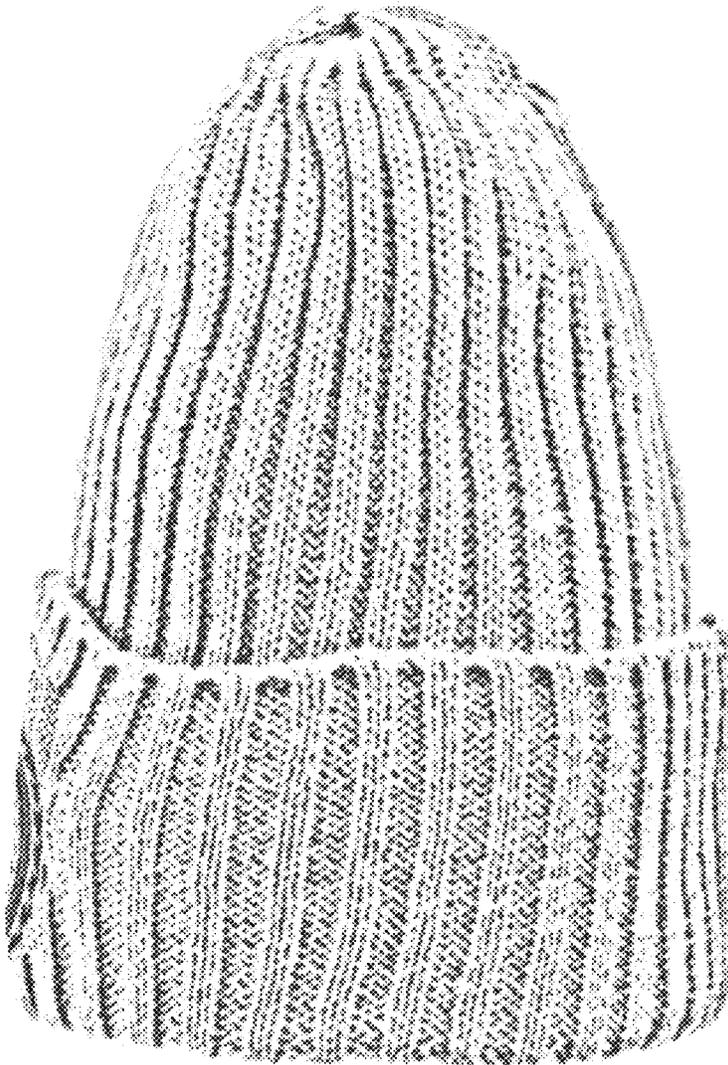


FIG. 107

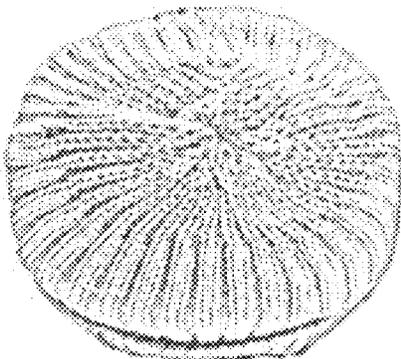


FIG. 108

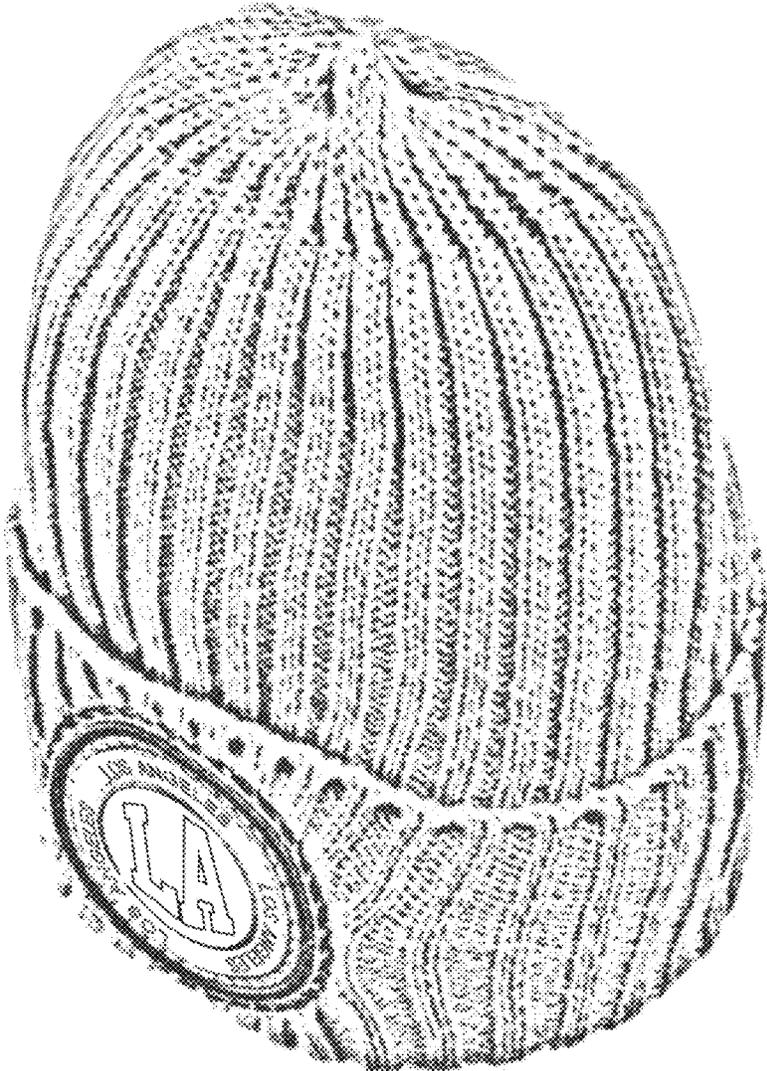


FIG. 109

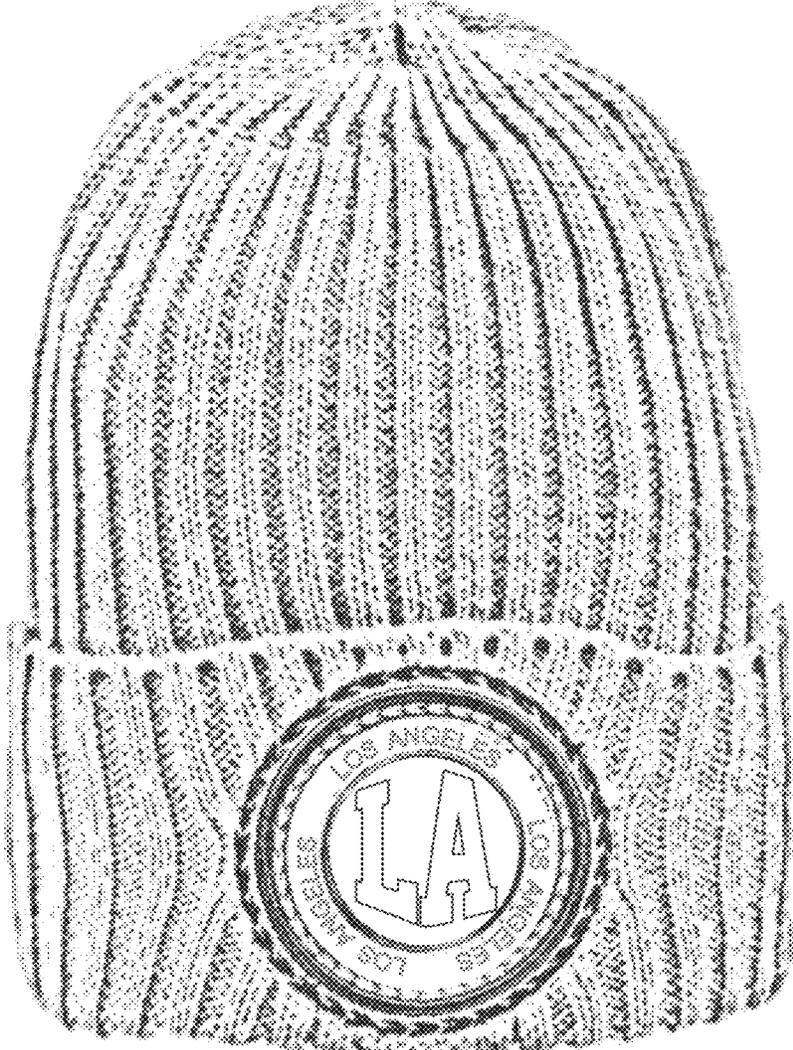


FIG. 110

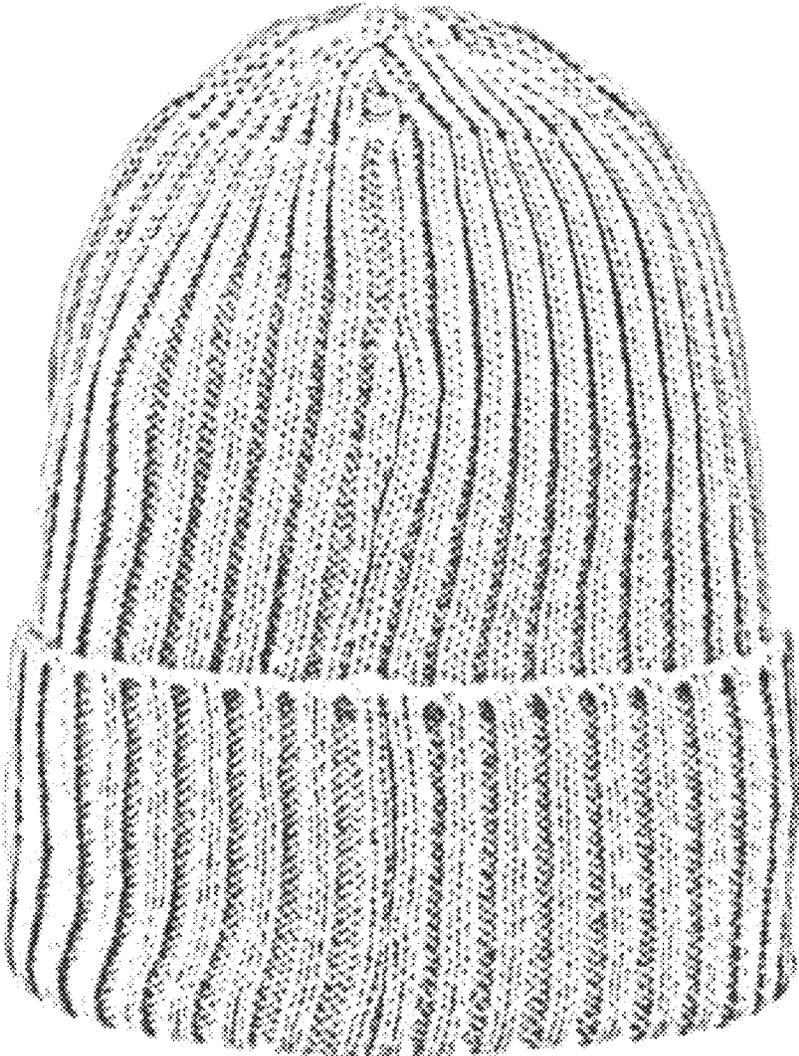


FIG. 111

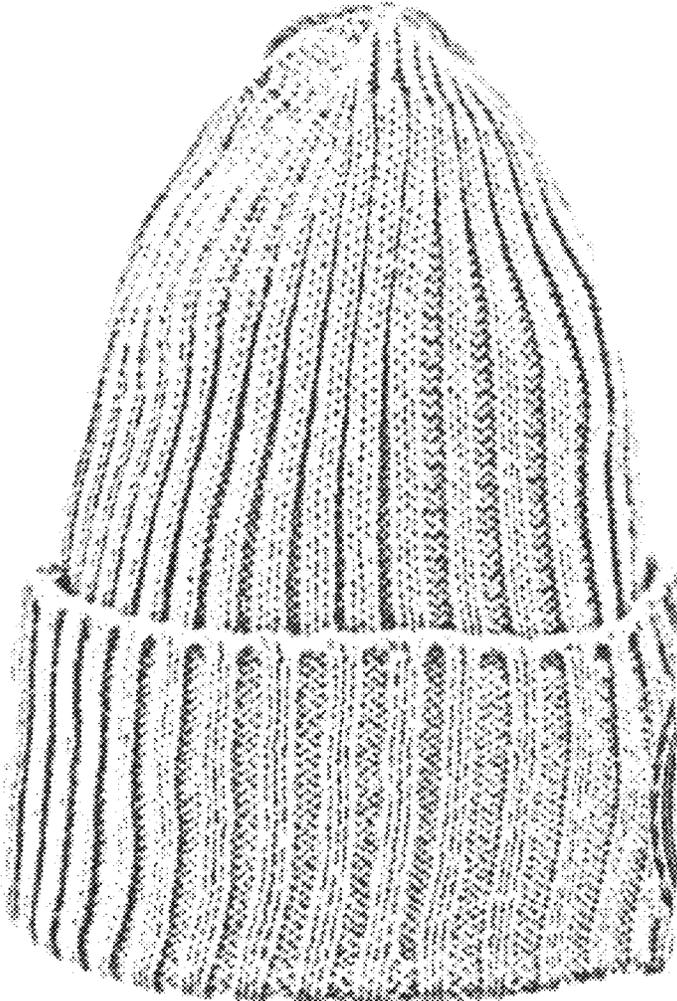


FIG. 112

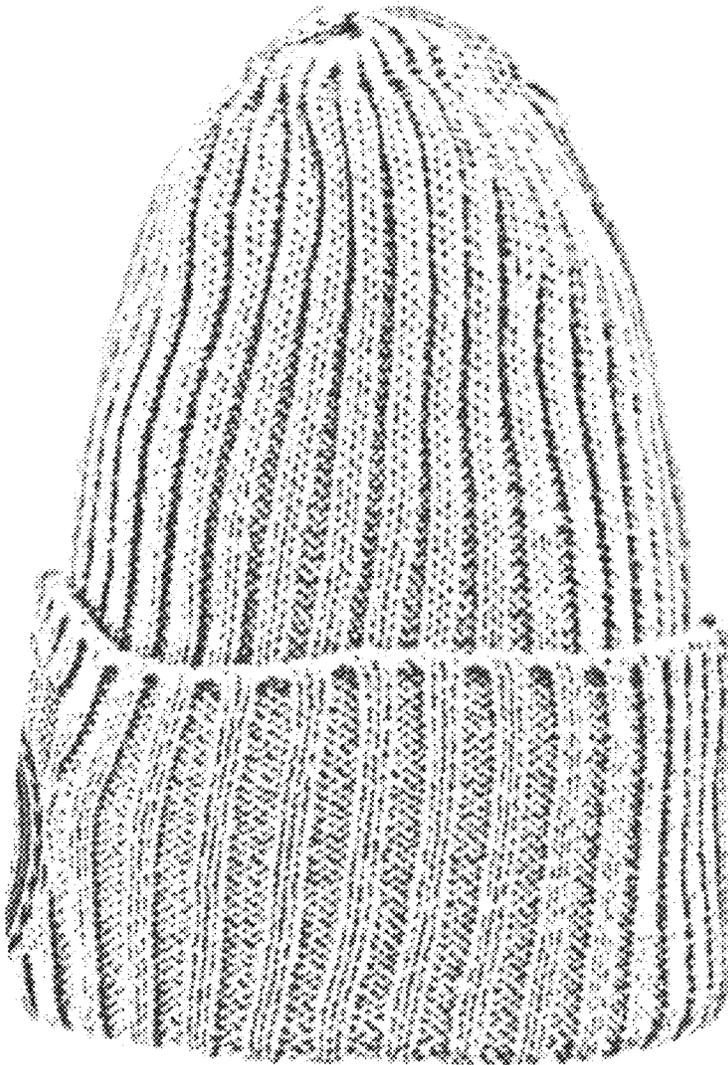


FIG. 113

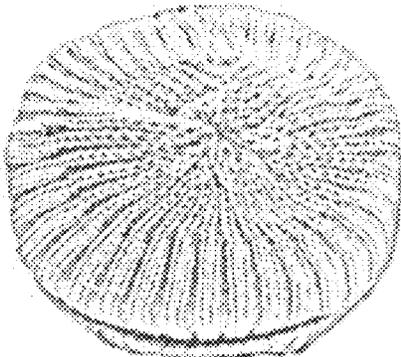


FIG. 114

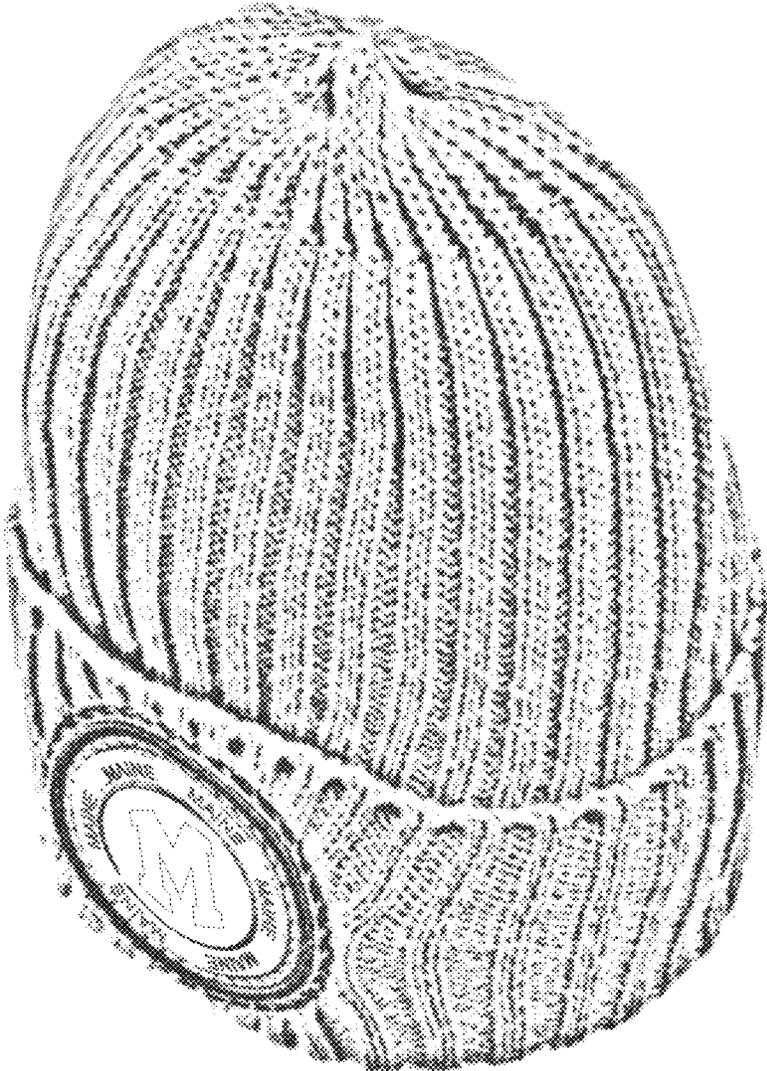


FIG. 115

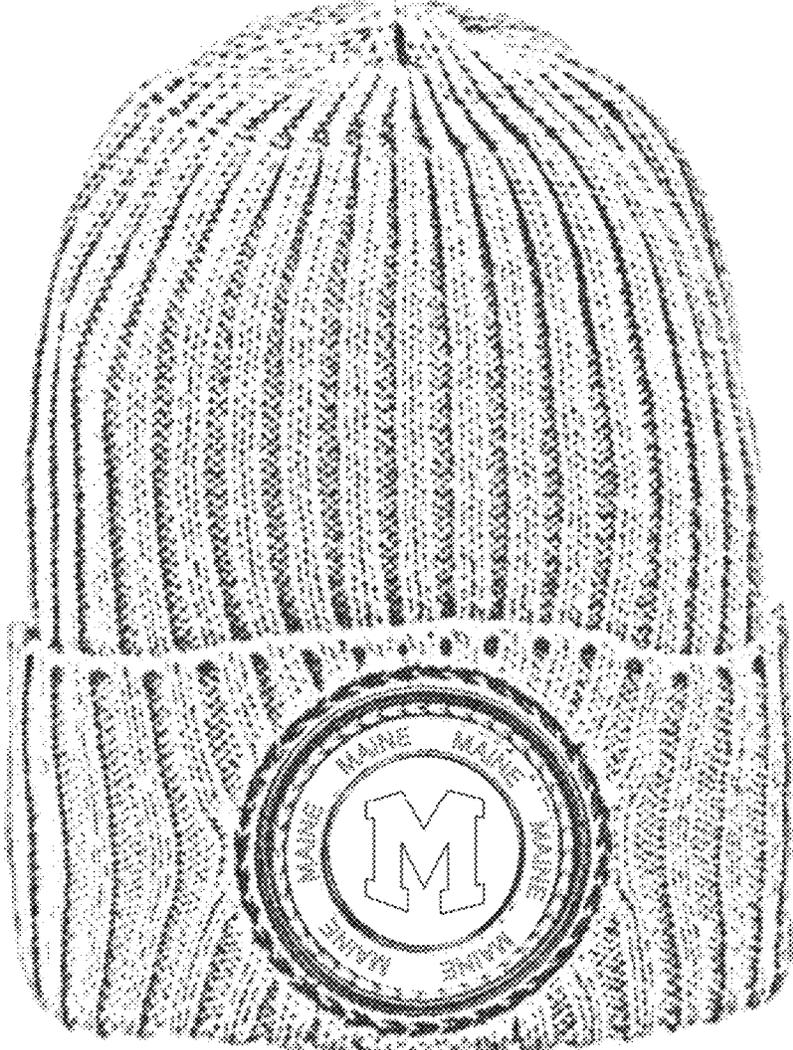


FIG. 116

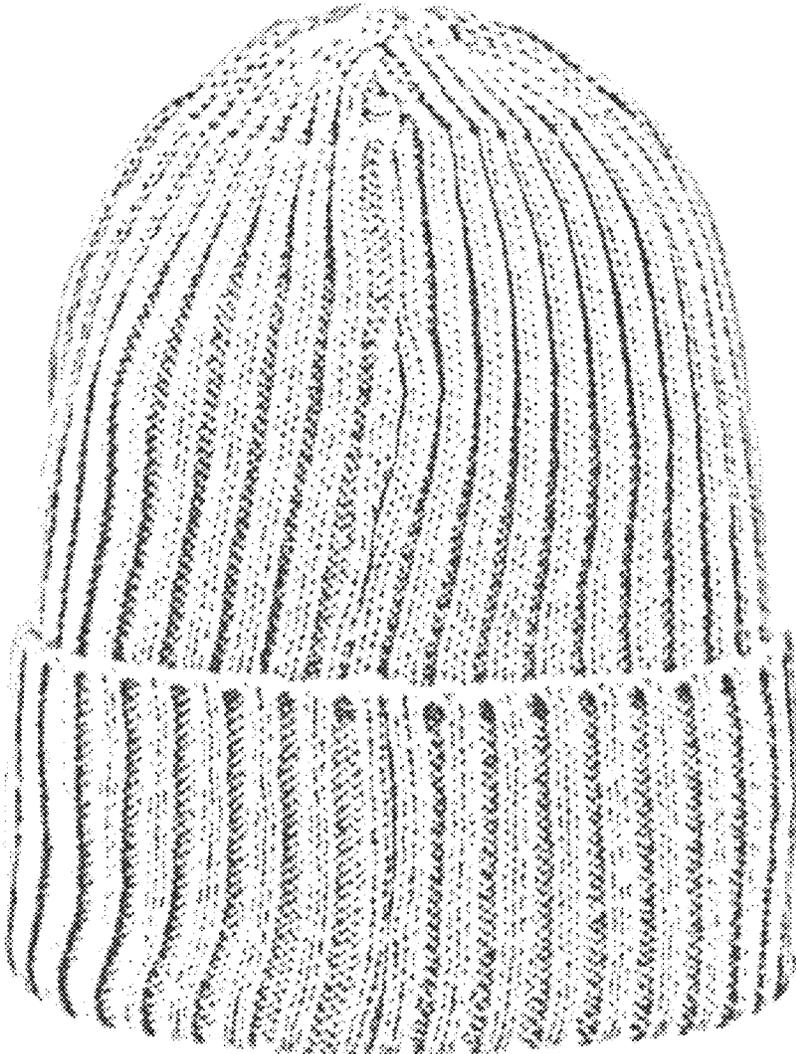


FIG. 117

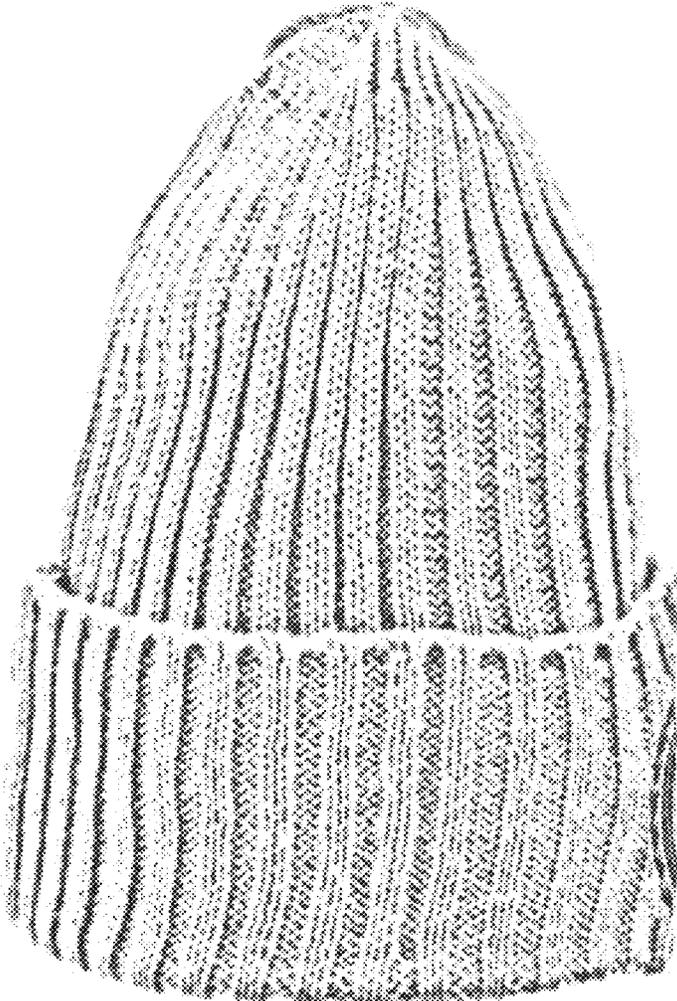


FIG. 118

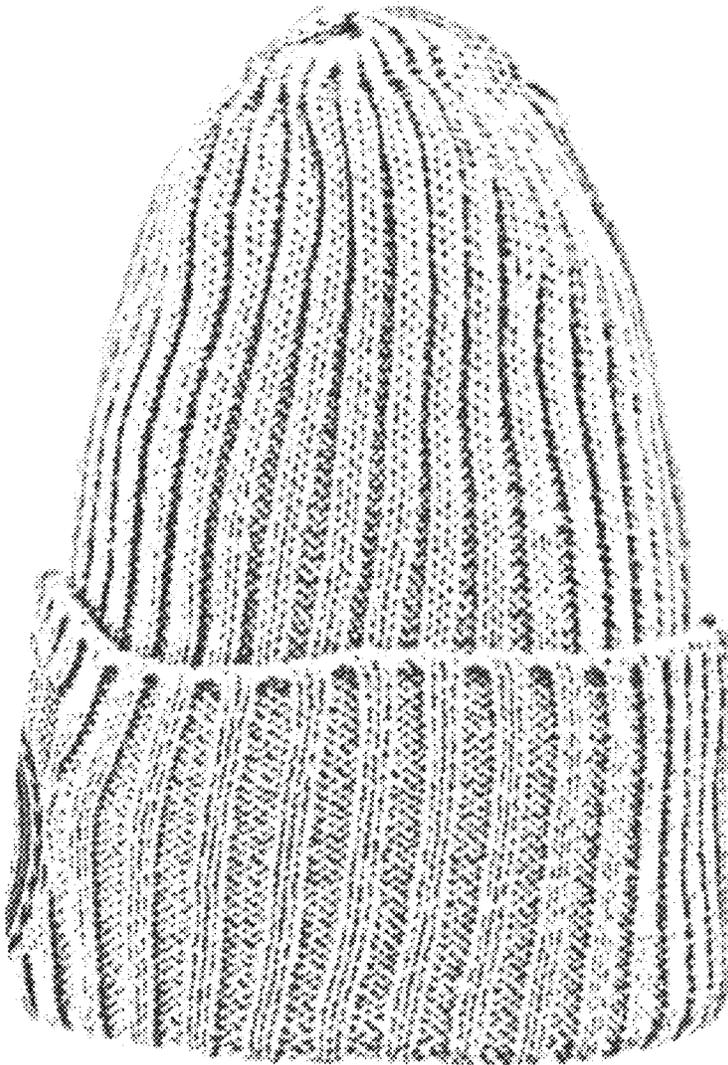


FIG. 119

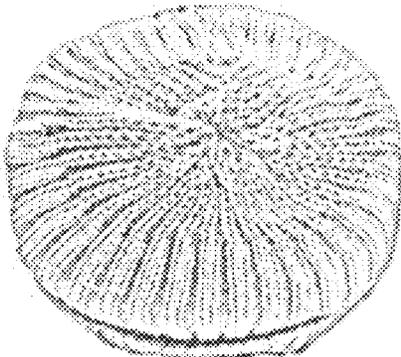


FIG. 120

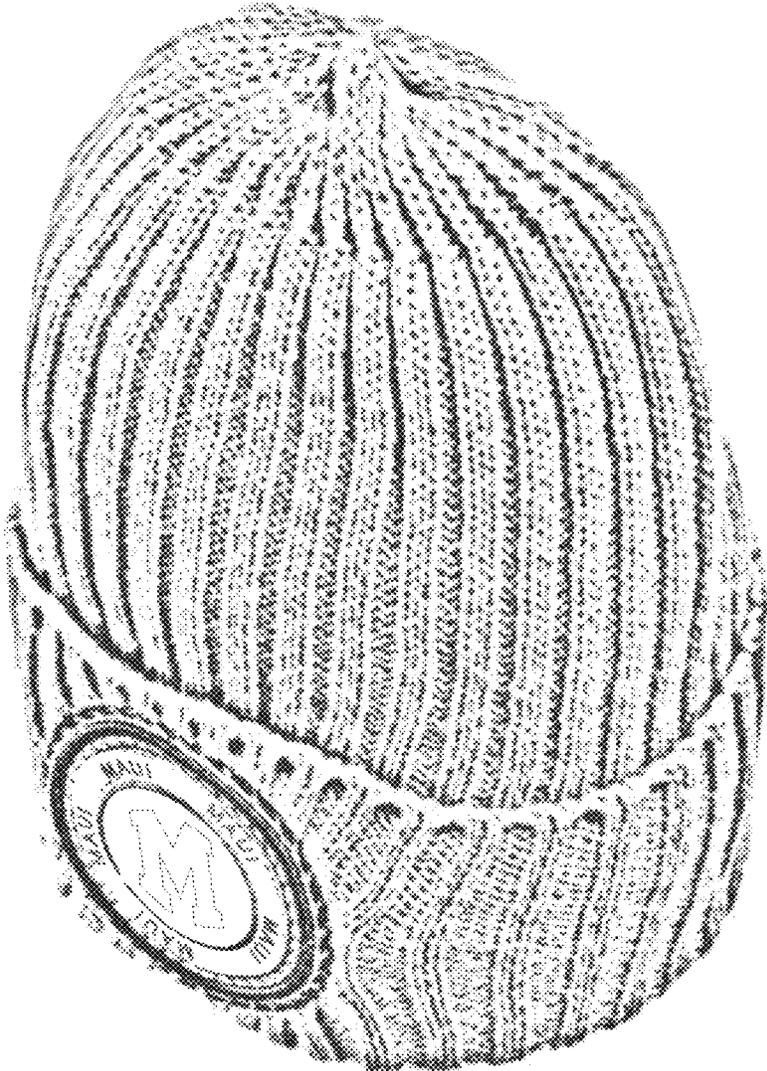


FIG. 121

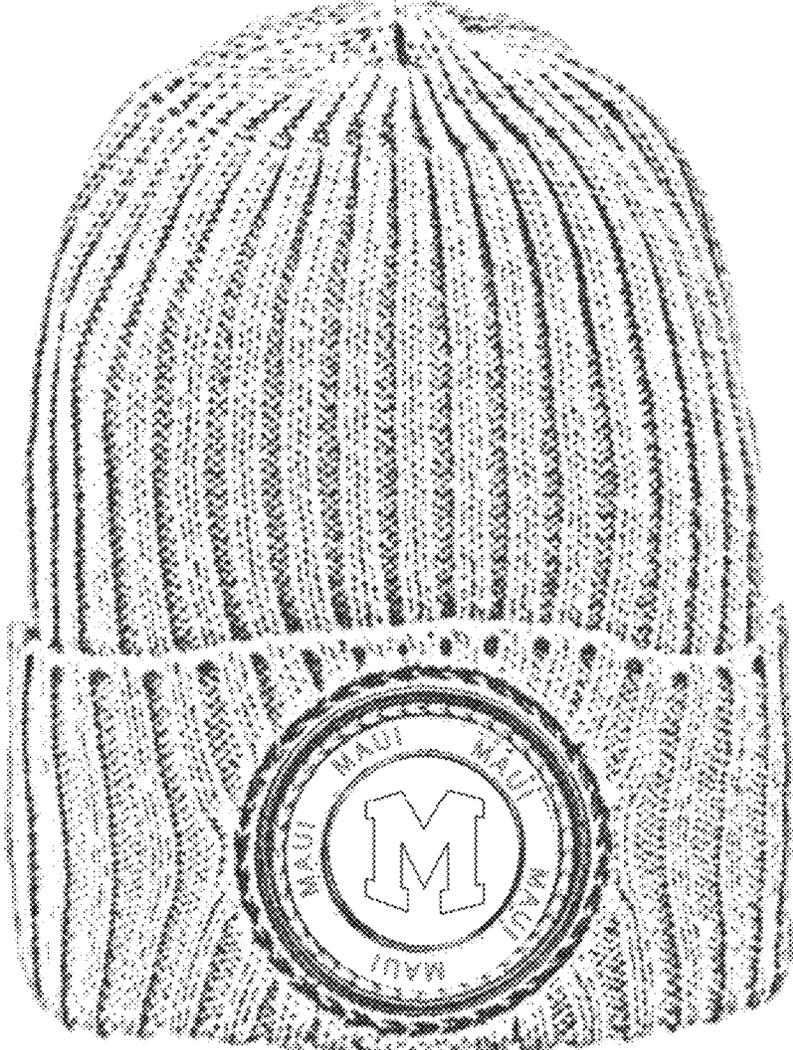


FIG. 122

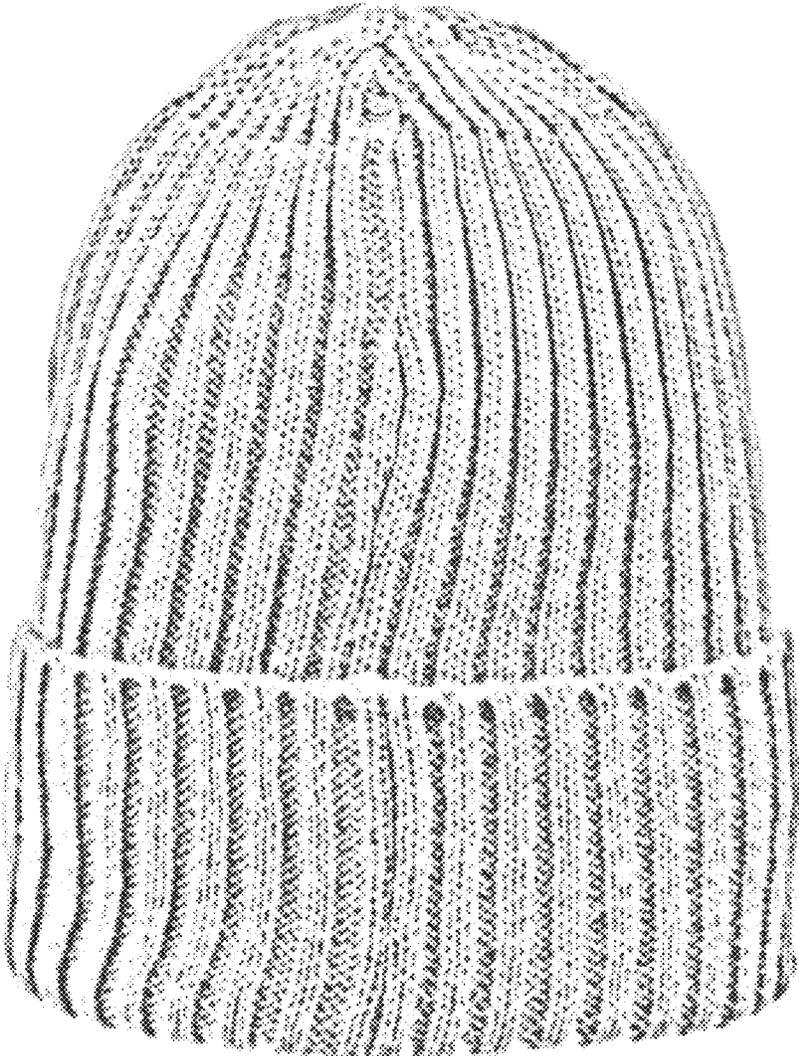


FIG. 123

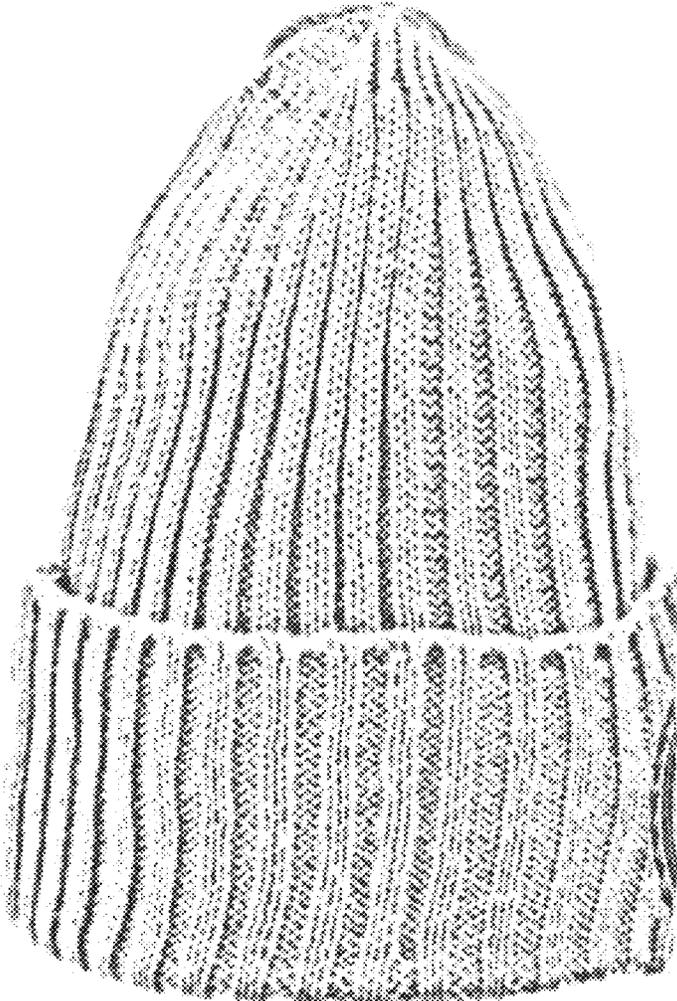


FIG. 124

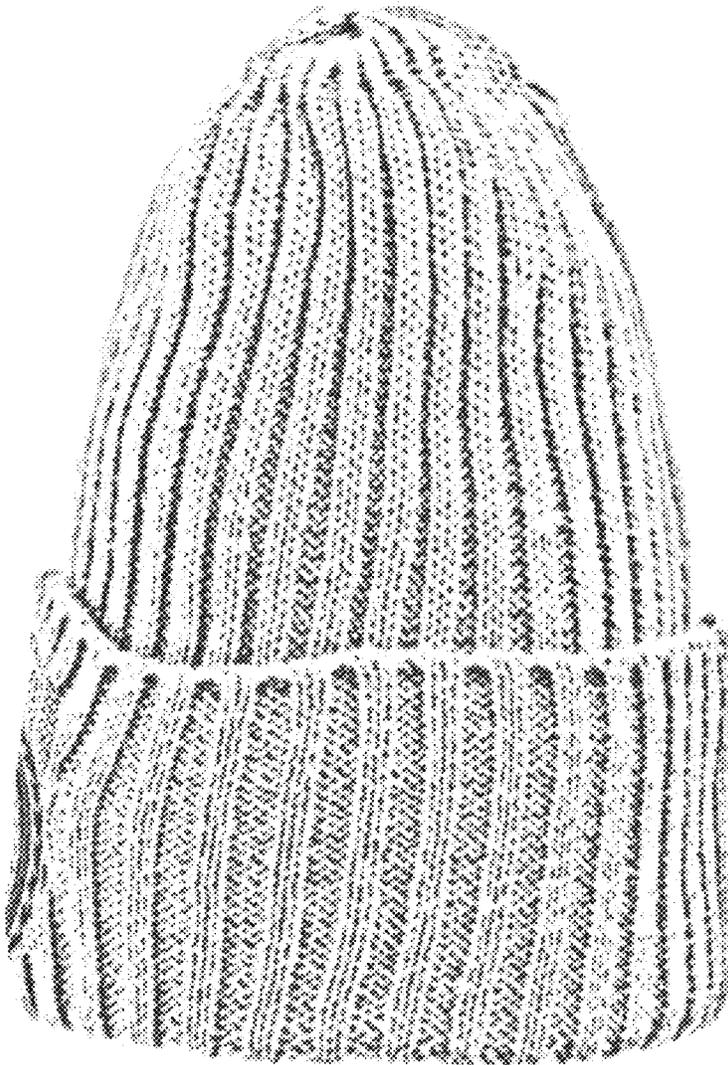


FIG. 125

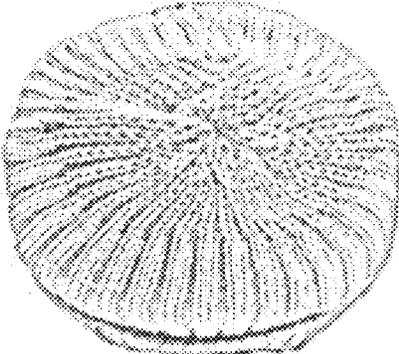


FIG. 126

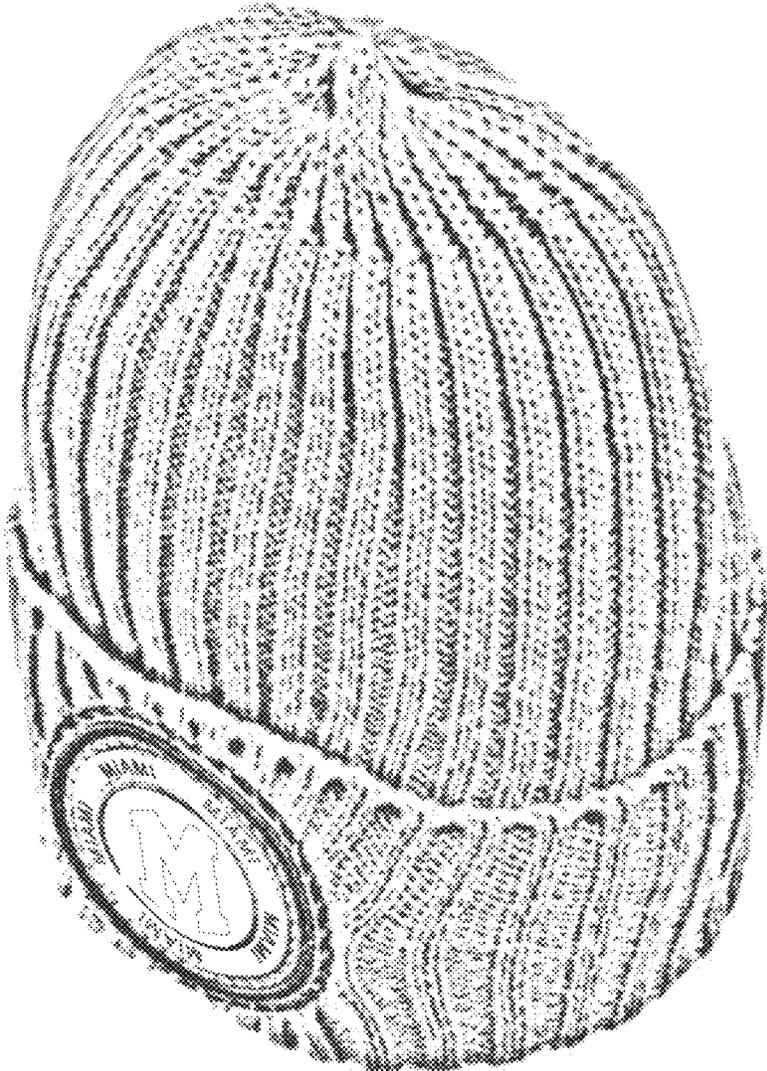


FIG. 127

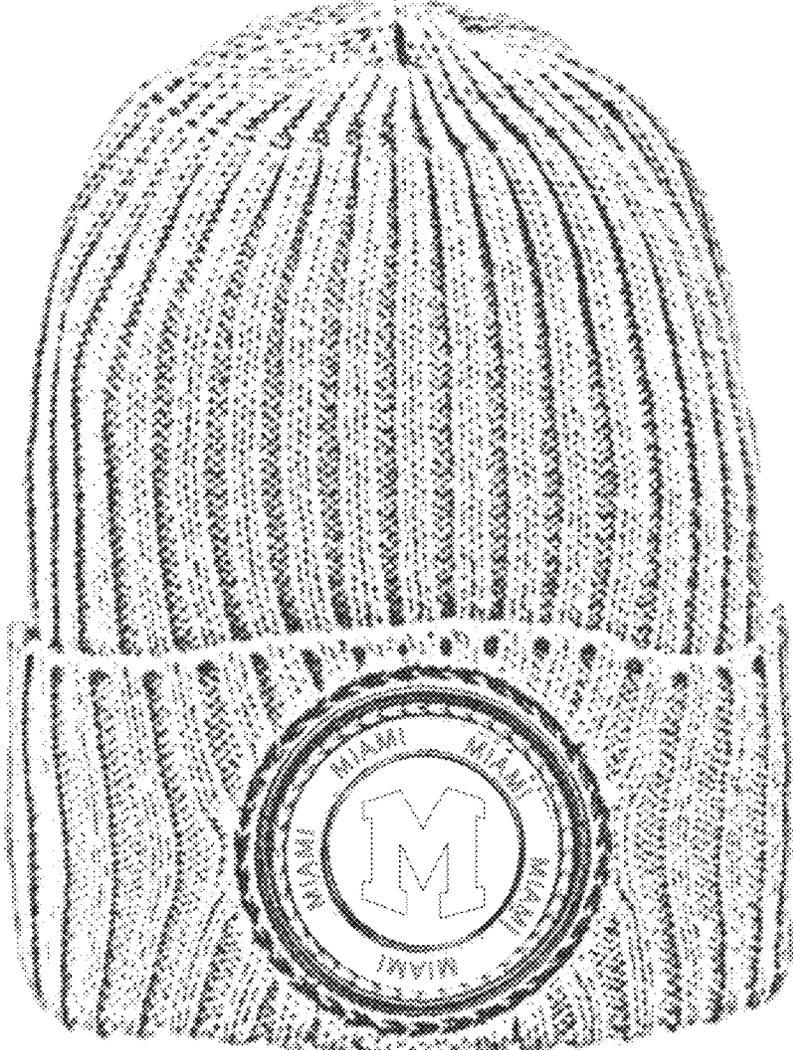


FIG. 128



FIG. 129

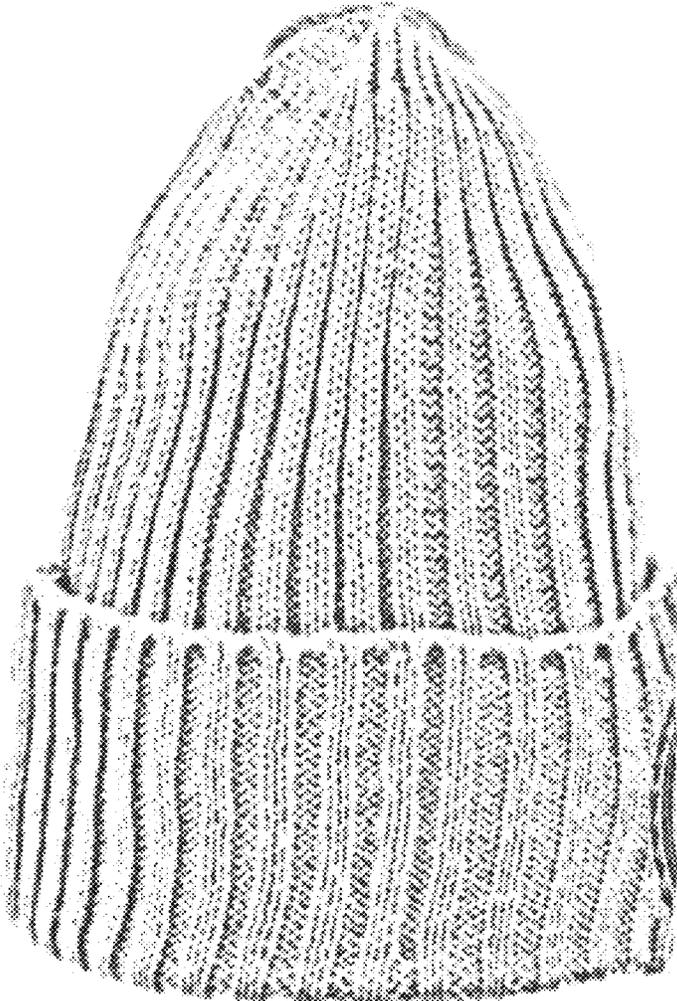


FIG. 130

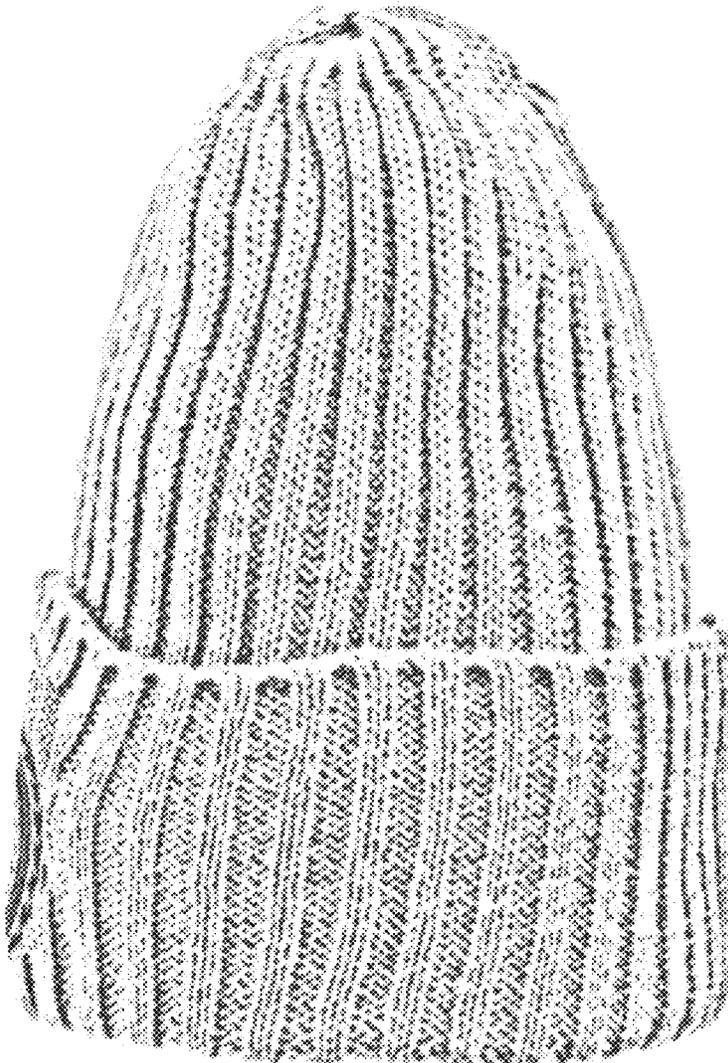


FIG. 131

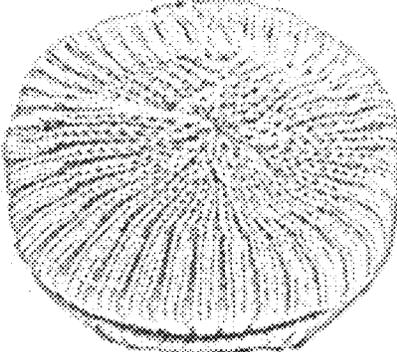


FIG. 132

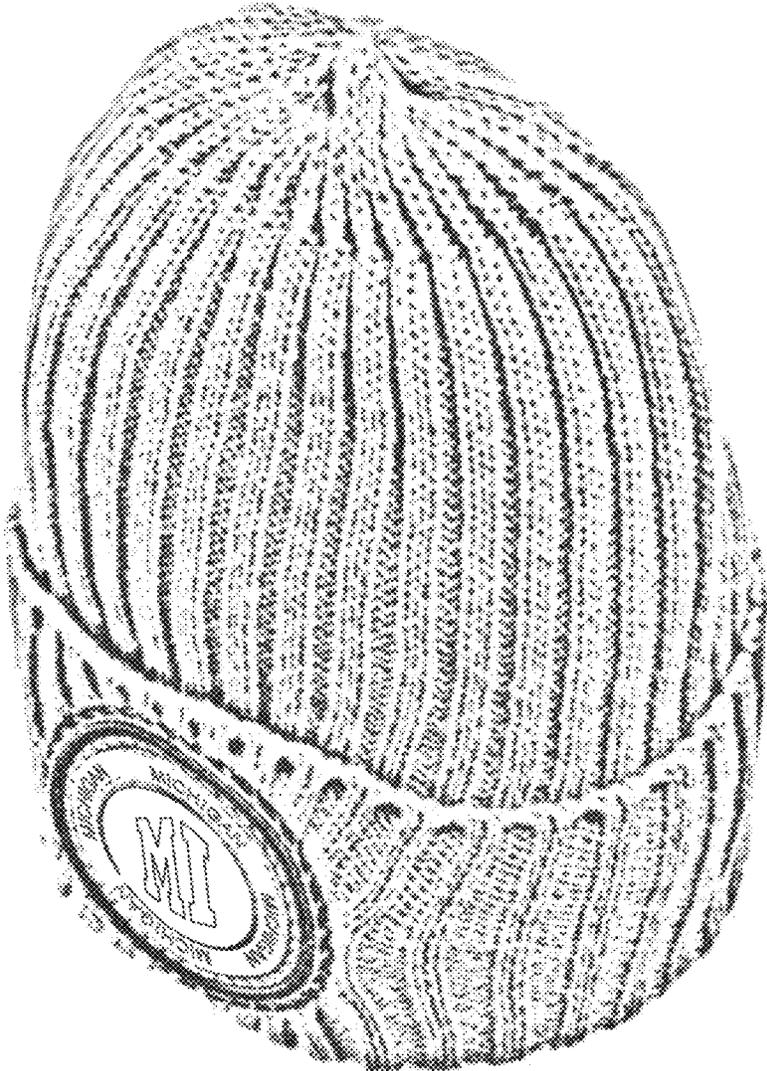


FIG. 133

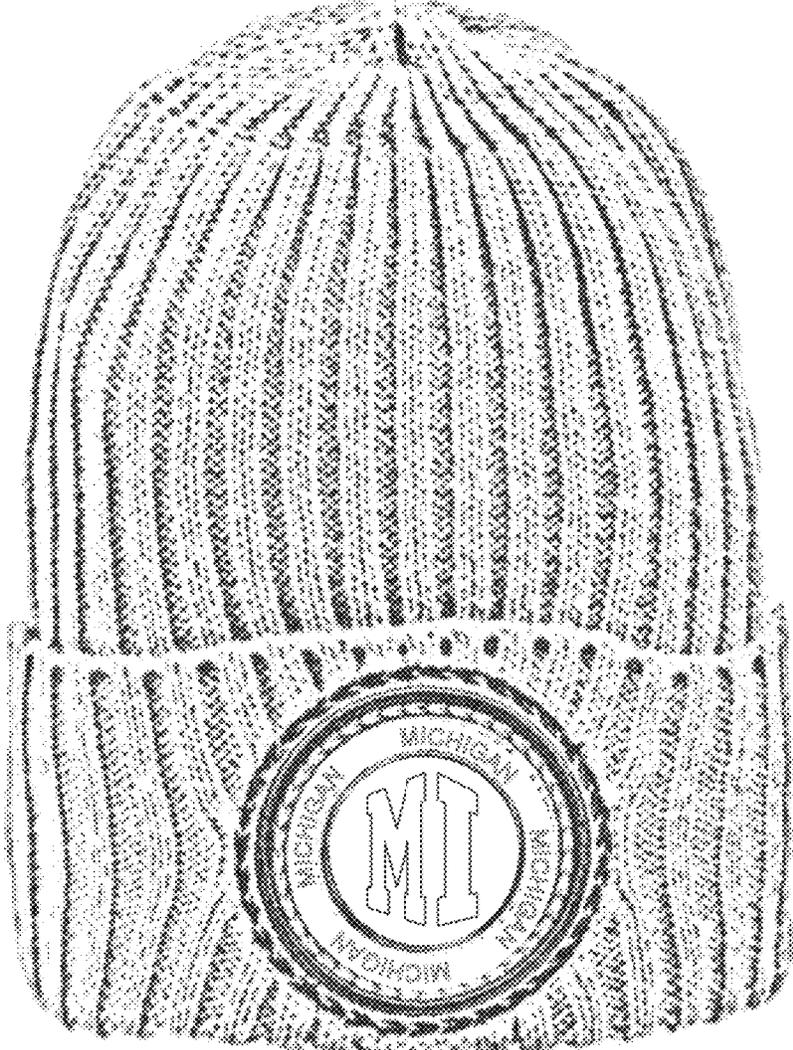


FIG. 134



FIG. 135

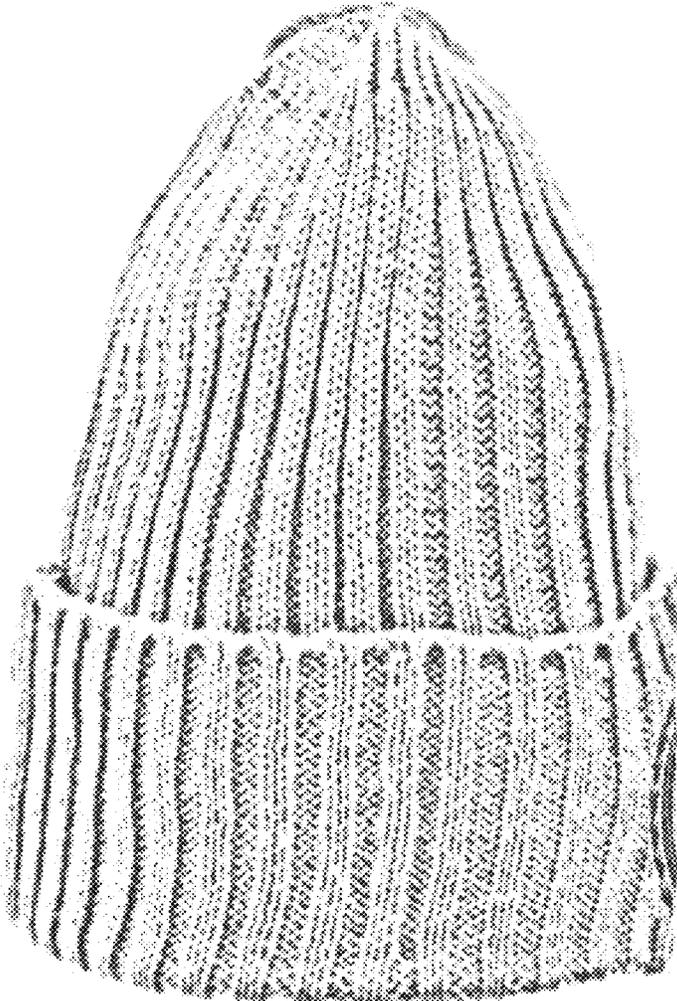


FIG. 136

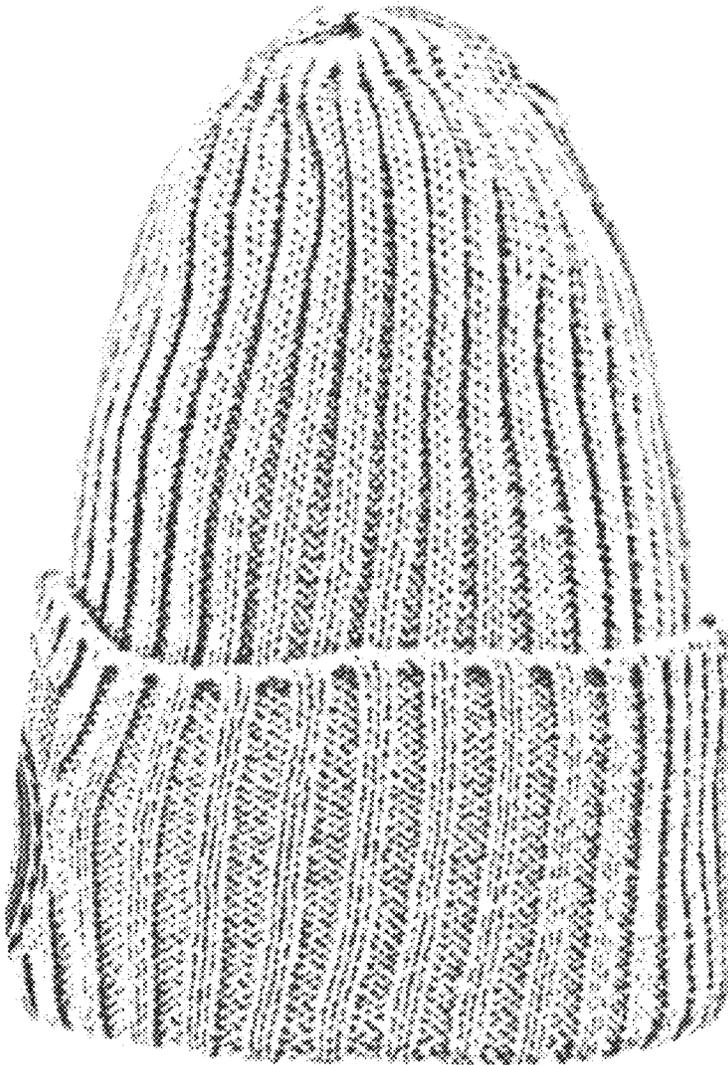


FIG. 137

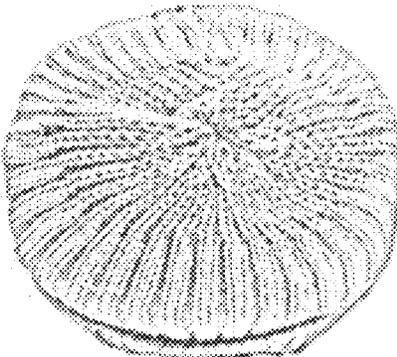


FIG. 138

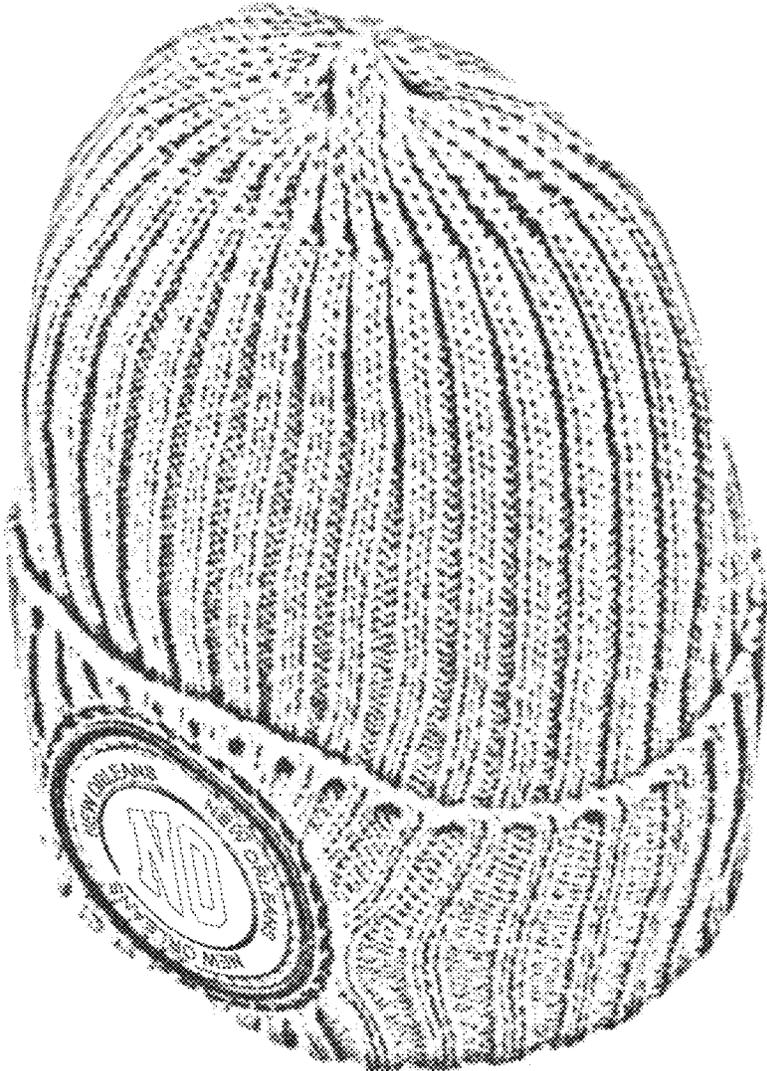


FIG. 139

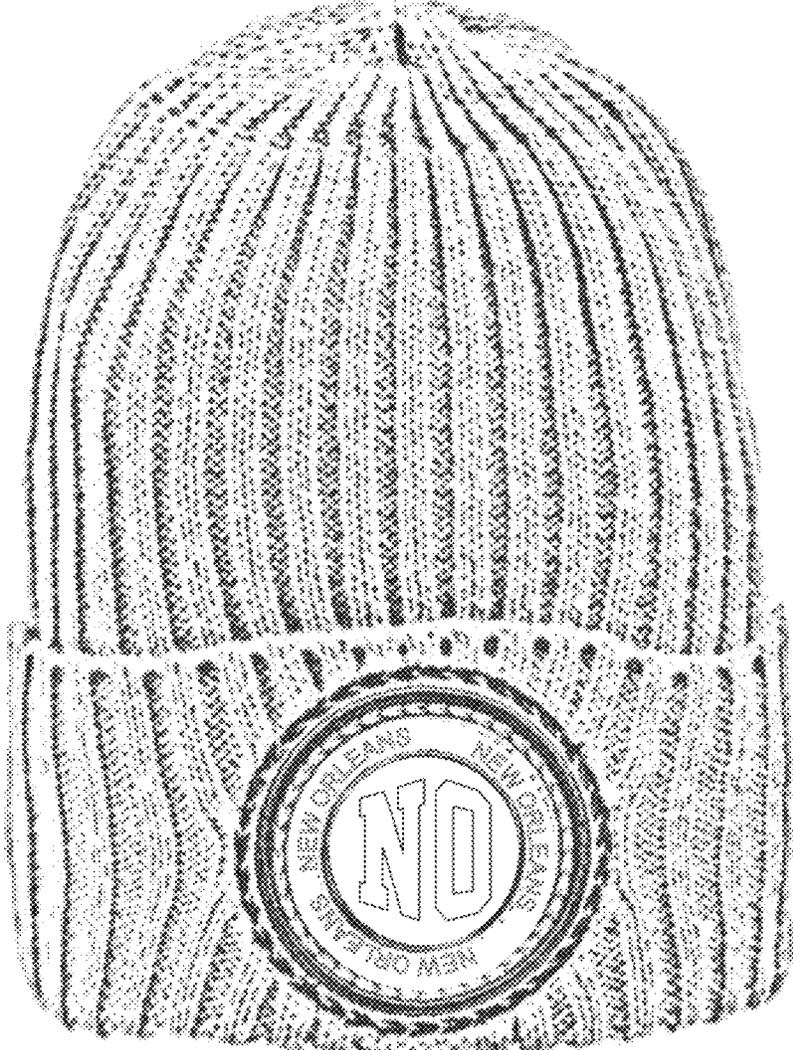


FIG. 140

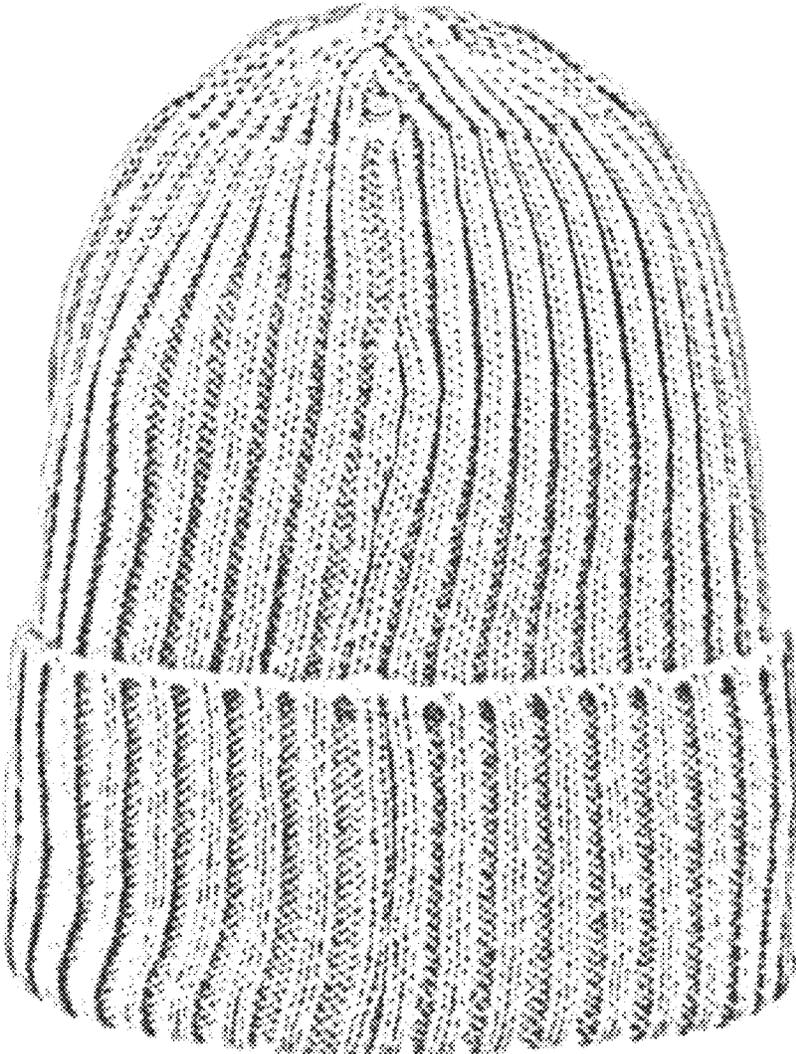


FIG. 141

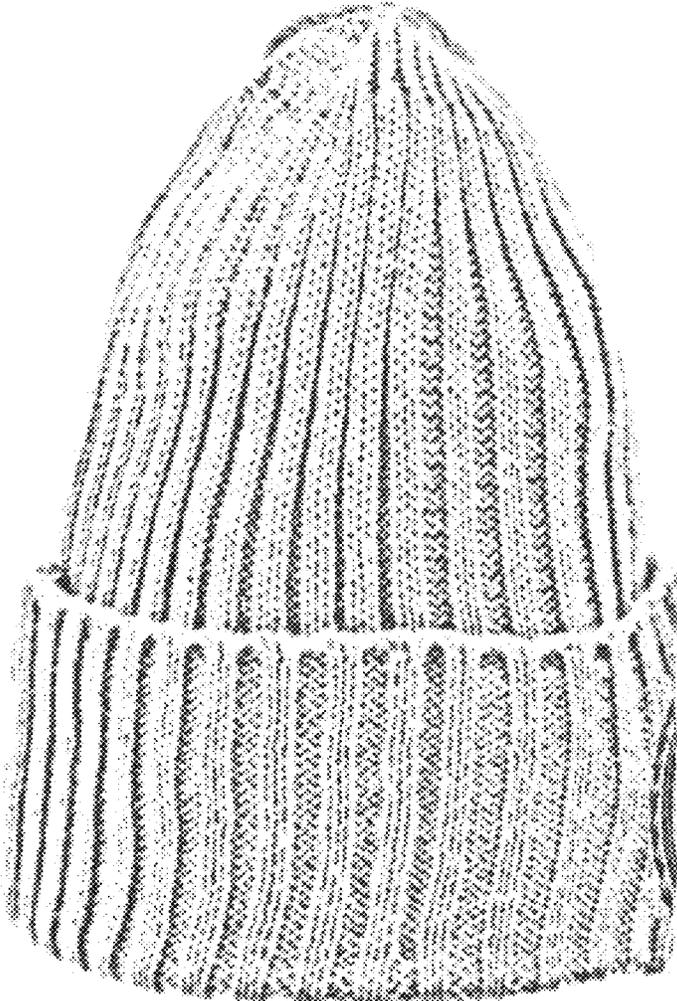


FIG. 142

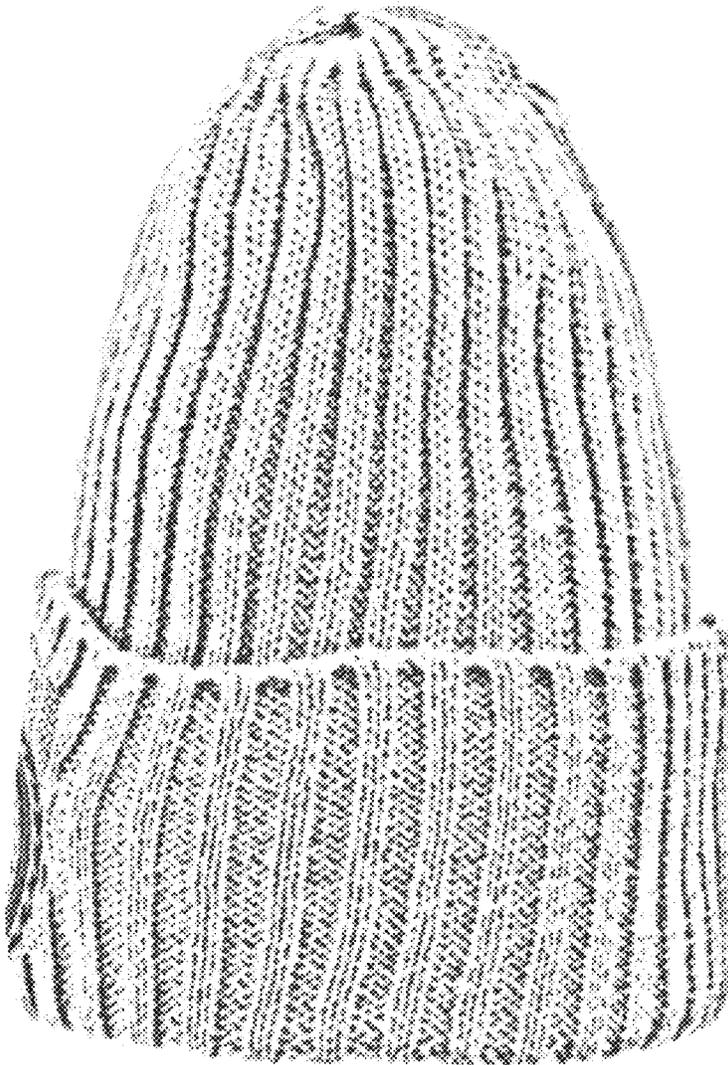


FIG. 143

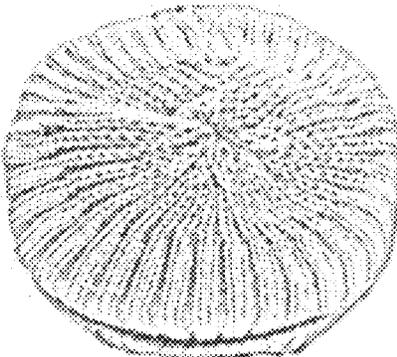


FIG. 144

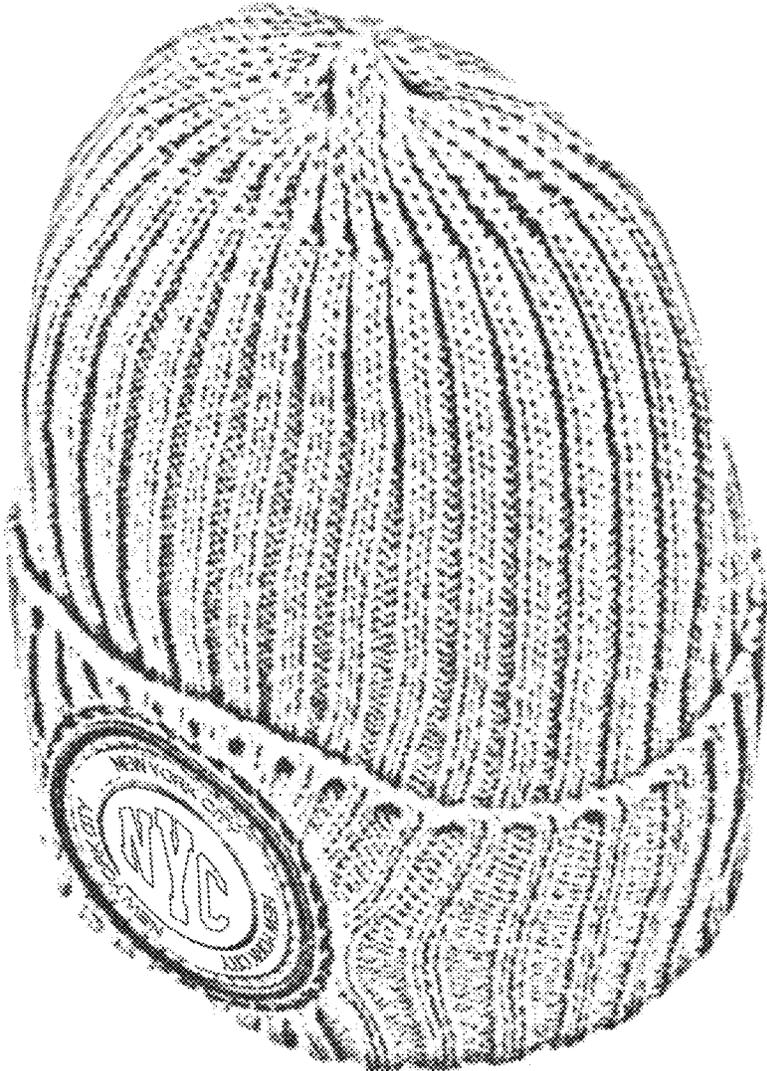


FIG. 145

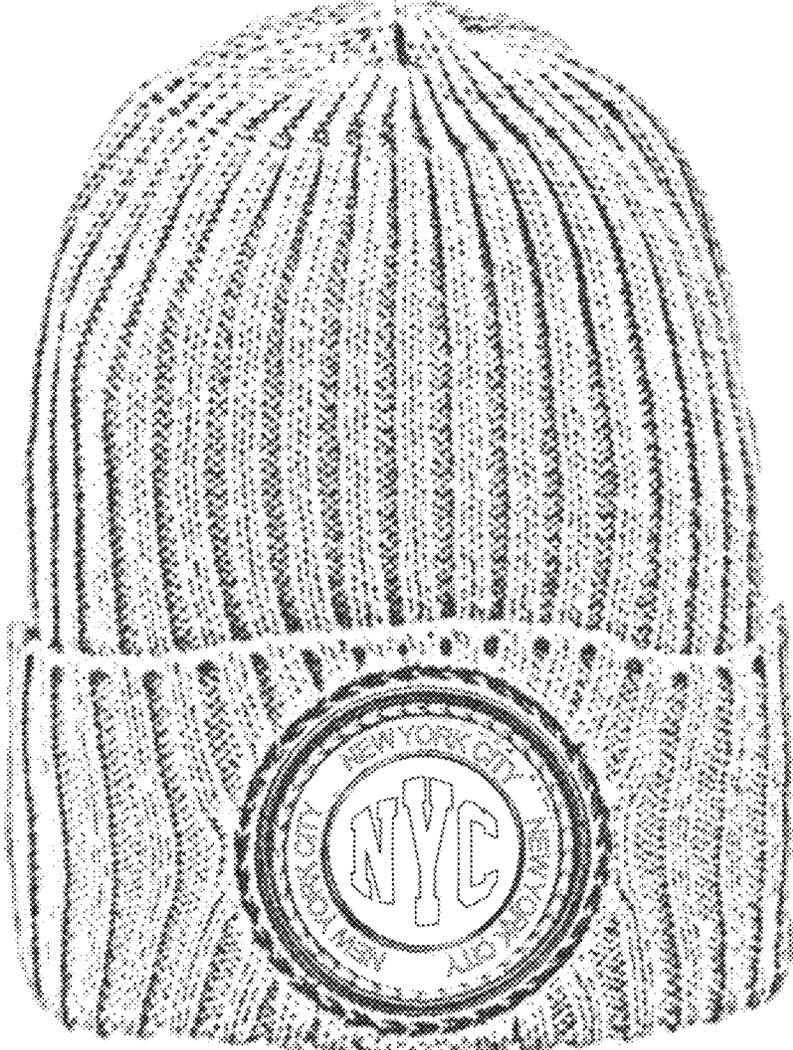


FIG. 146



FIG. 147

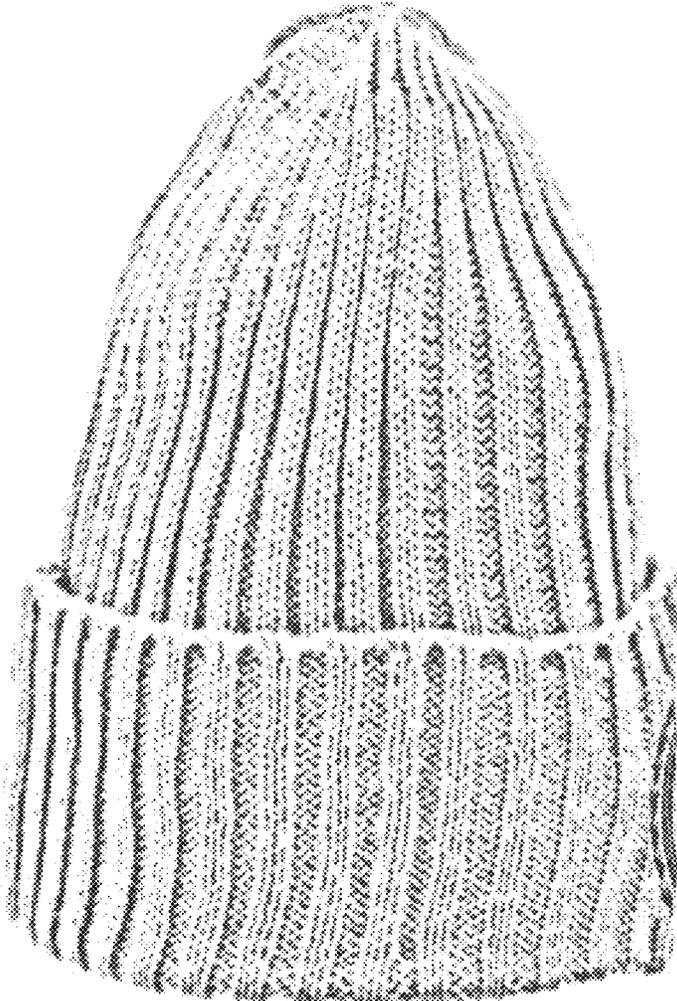


FIG. 148

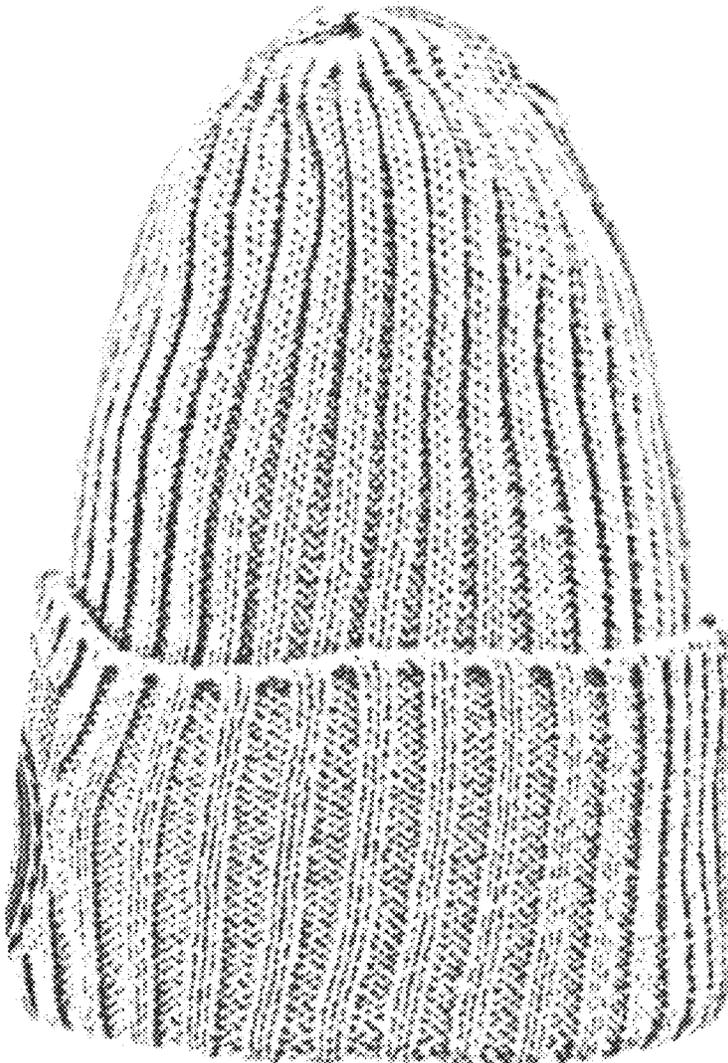


FIG. 149

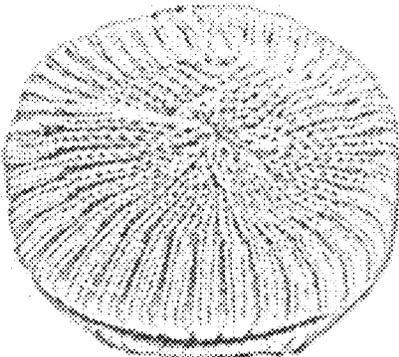


FIG. 150

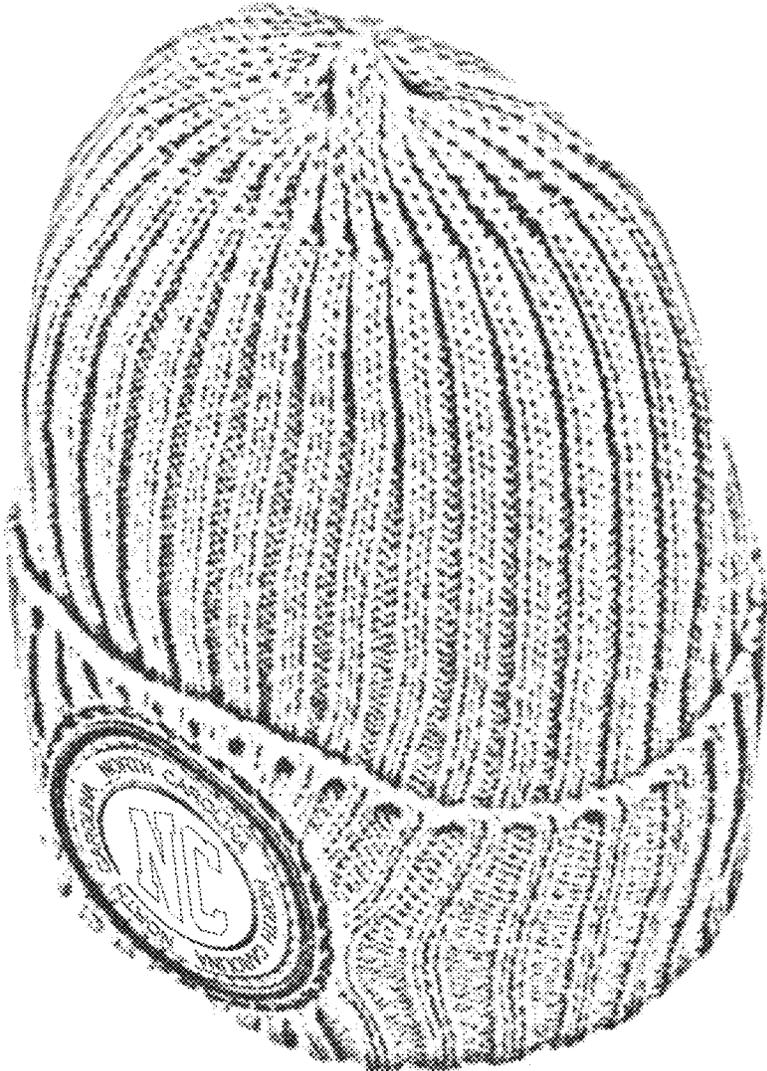


FIG. 151

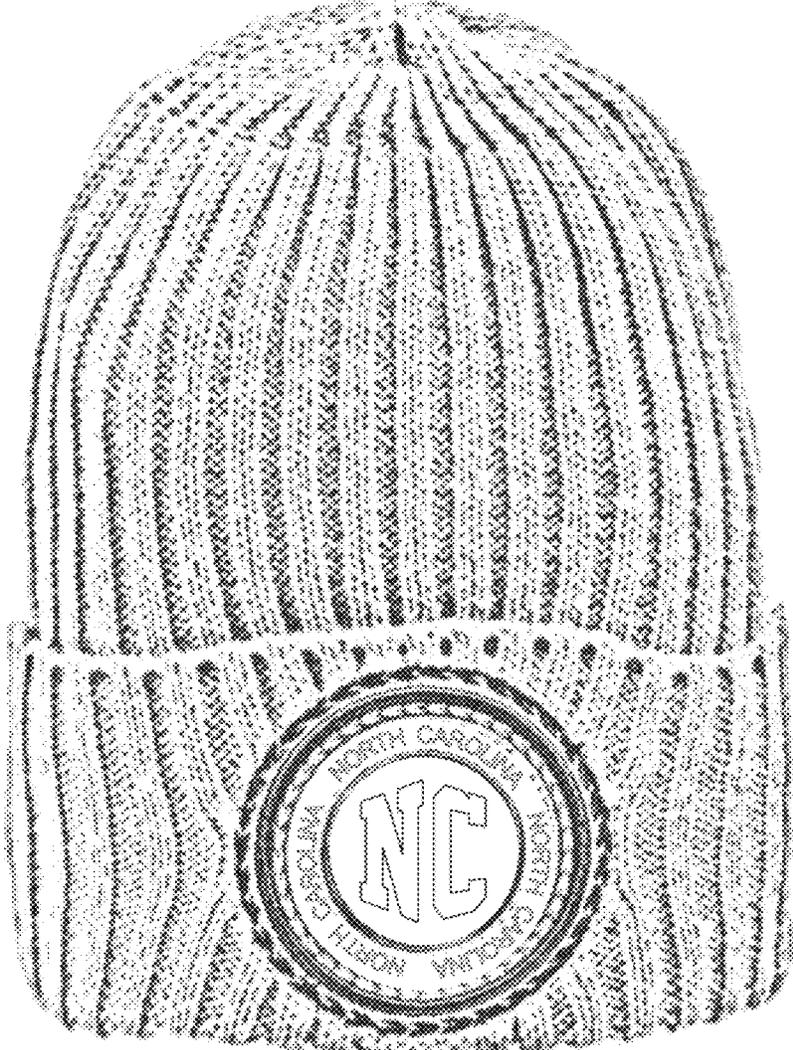


FIG. 152

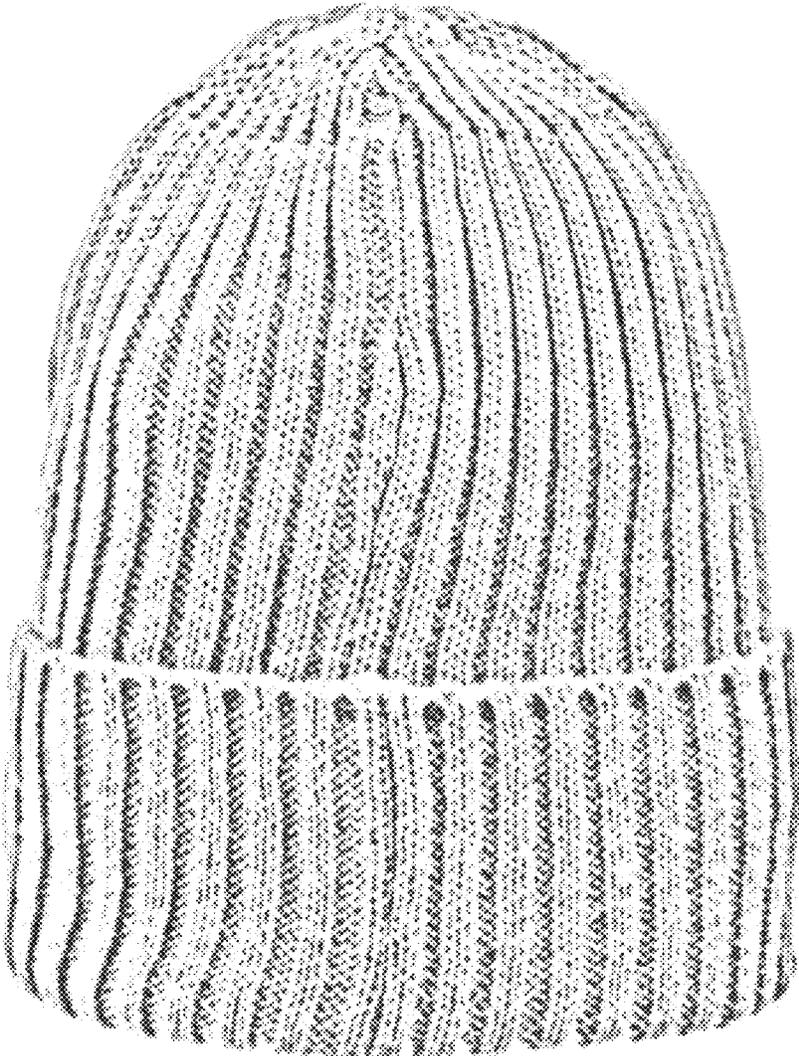


FIG. 153

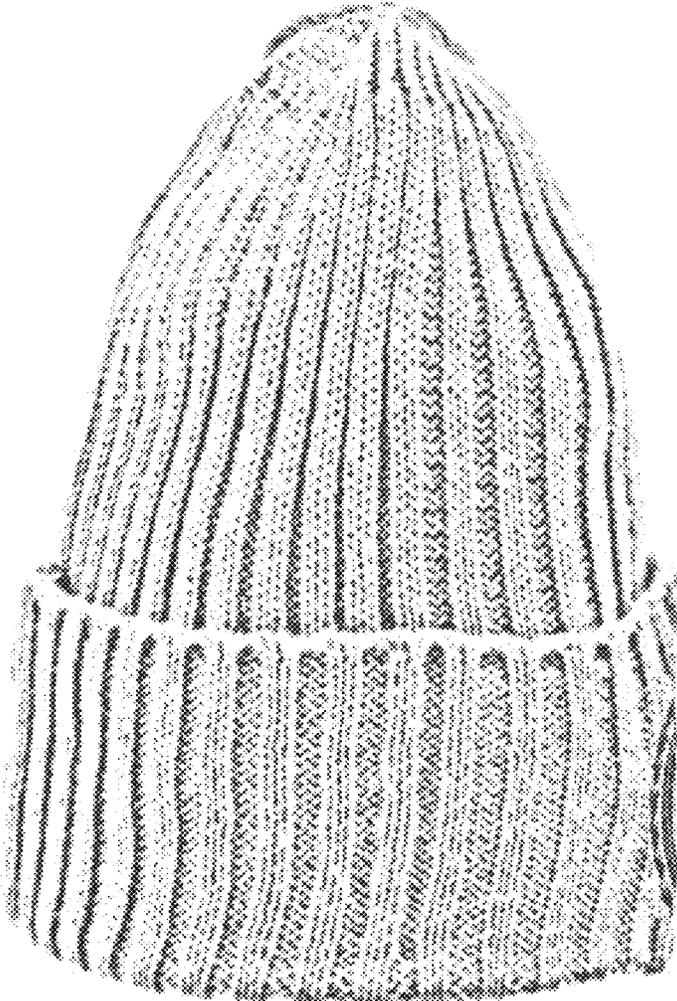


FIG. 154

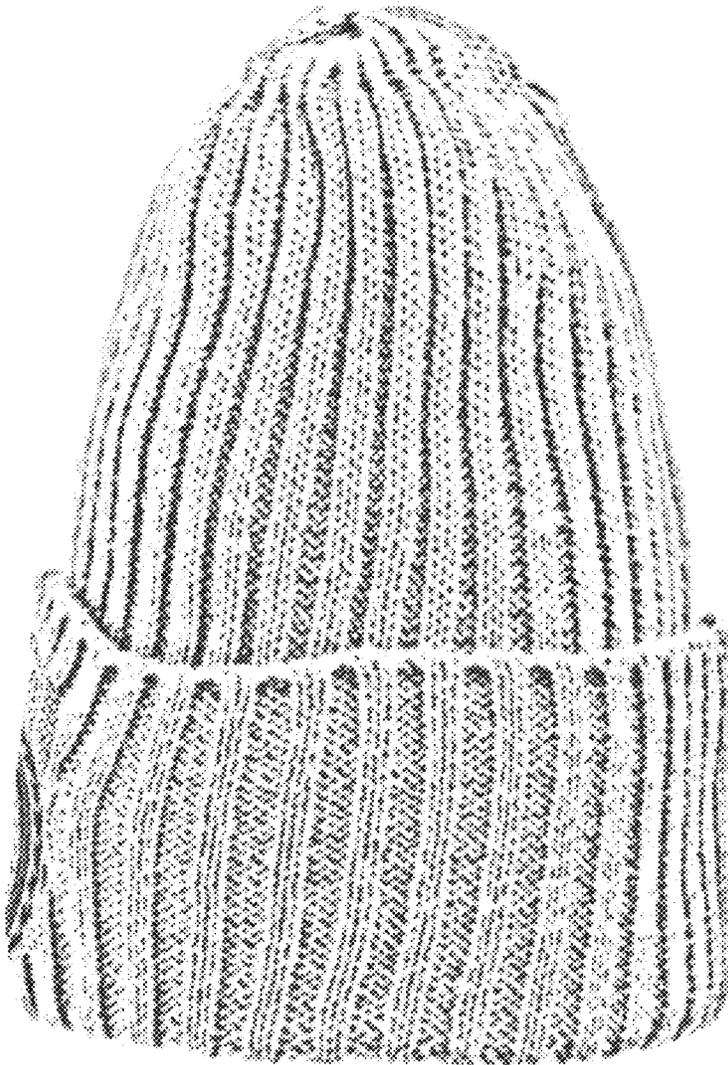


FIG. 155

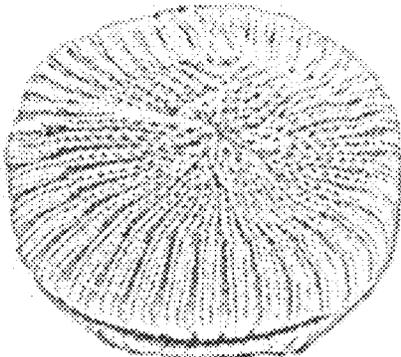


FIG. 156

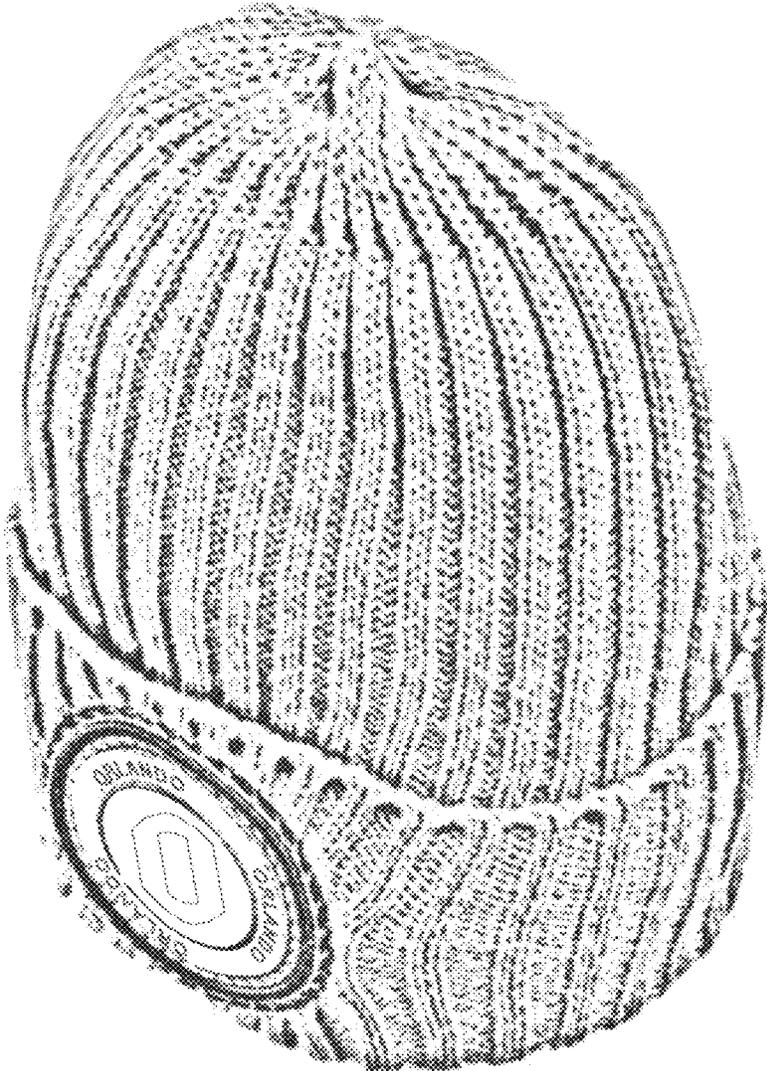


FIG. 157

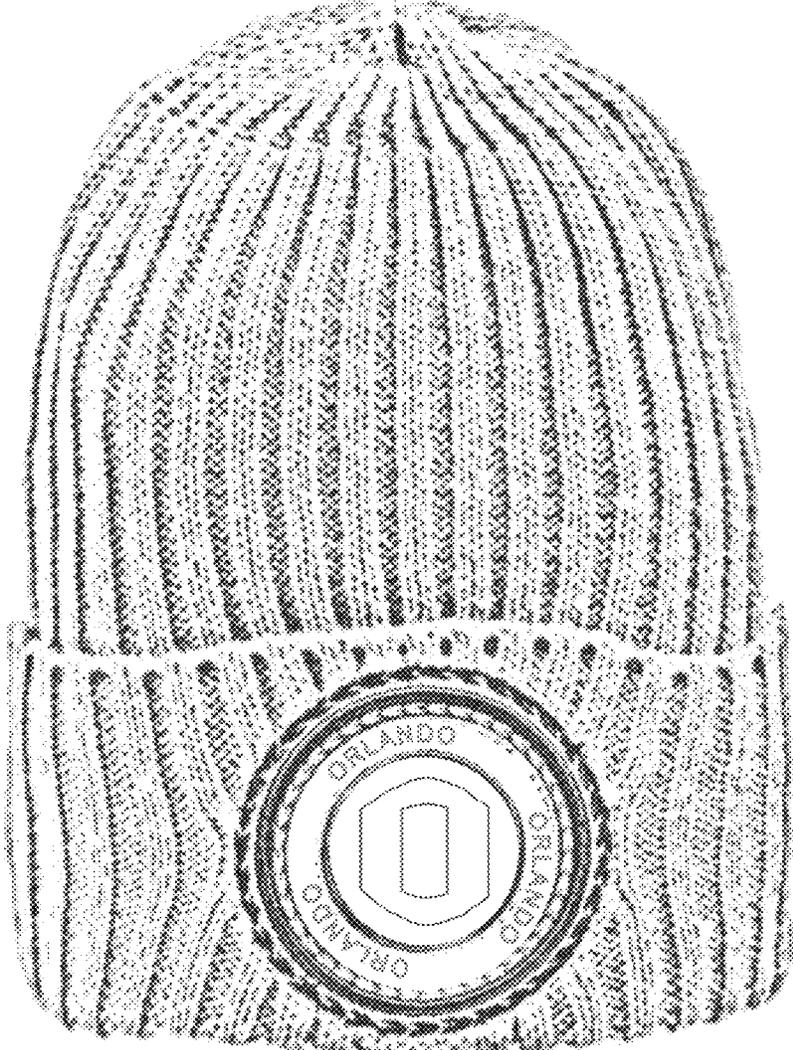


FIG. 158

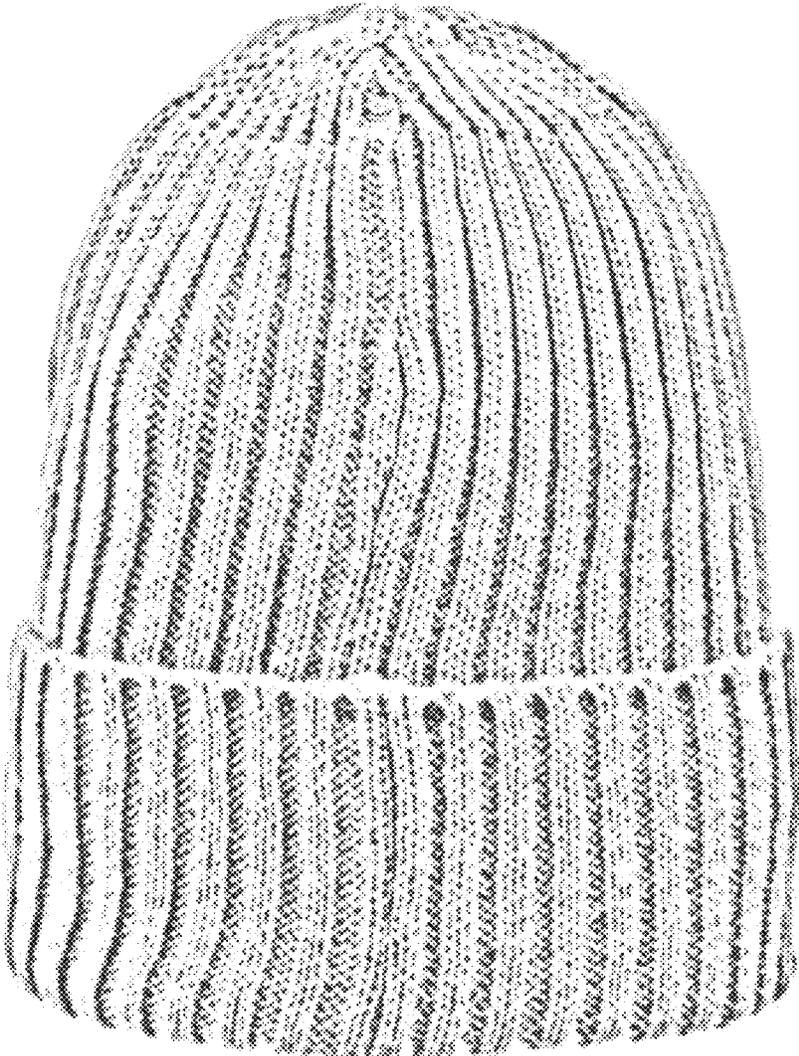


FIG. 159

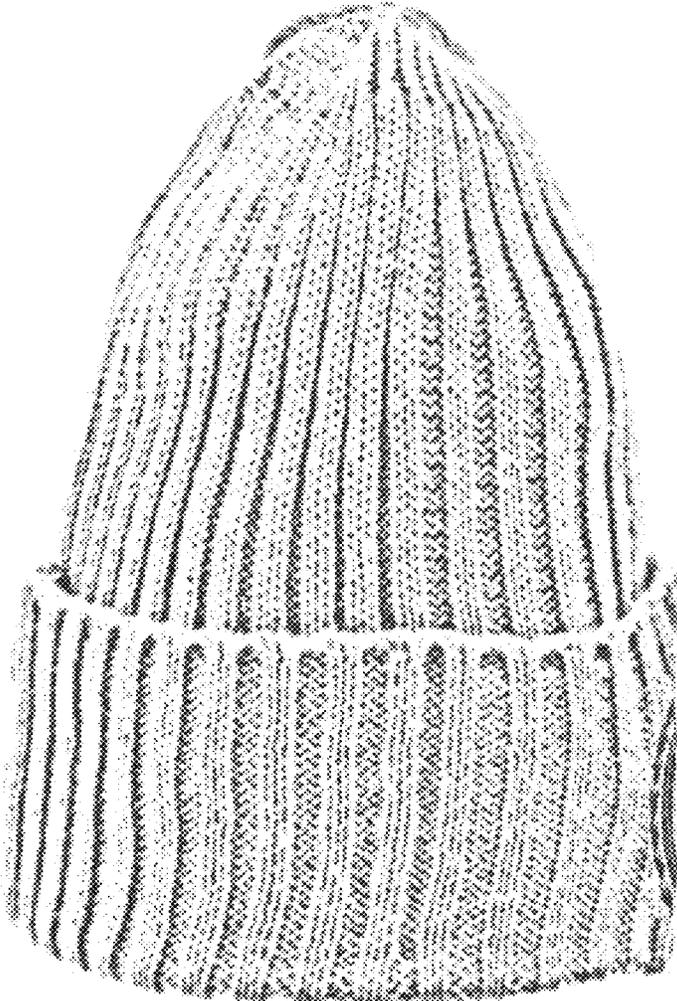


FIG. 160

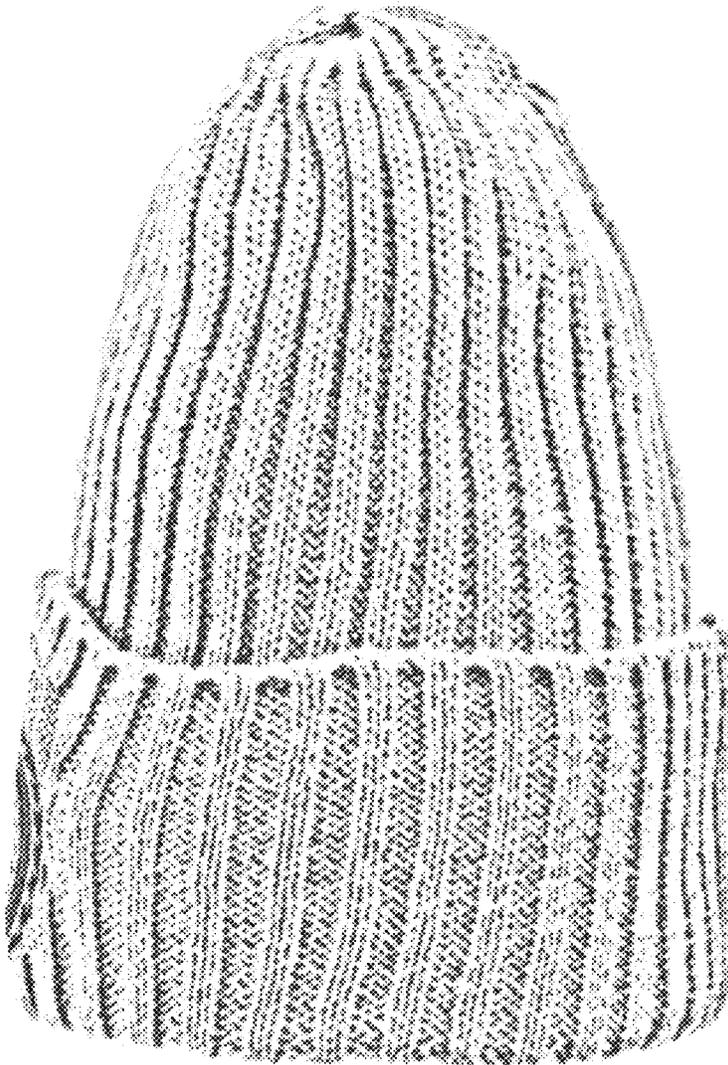


FIG. 161

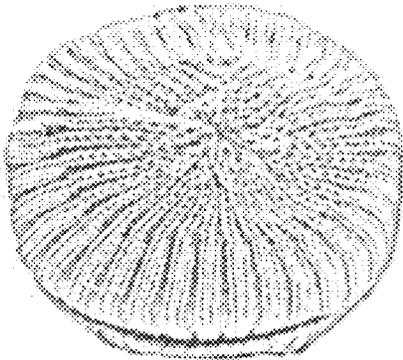


FIG. 162

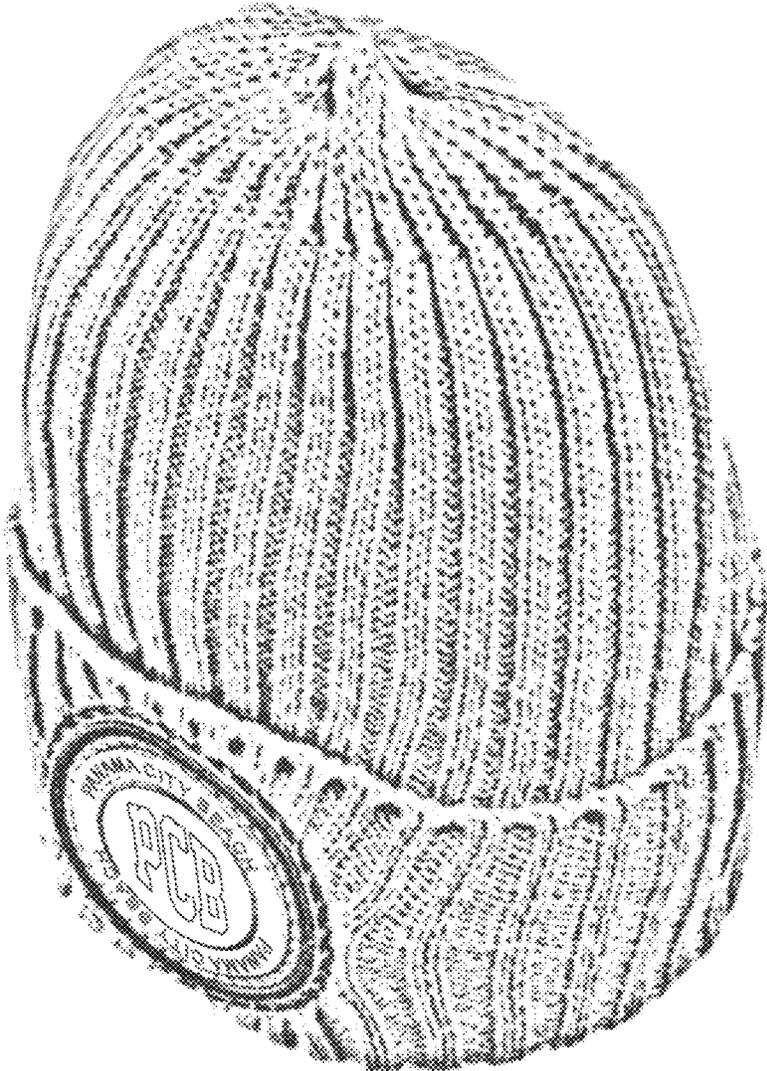


FIG. 163

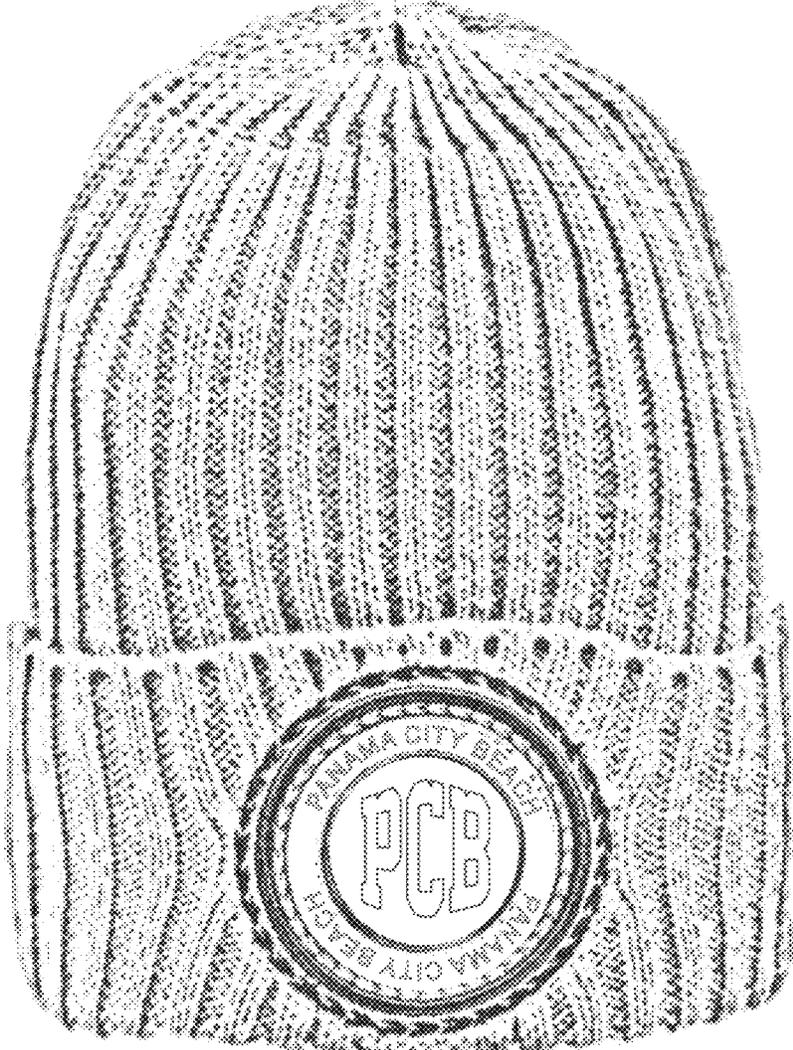


FIG. 164

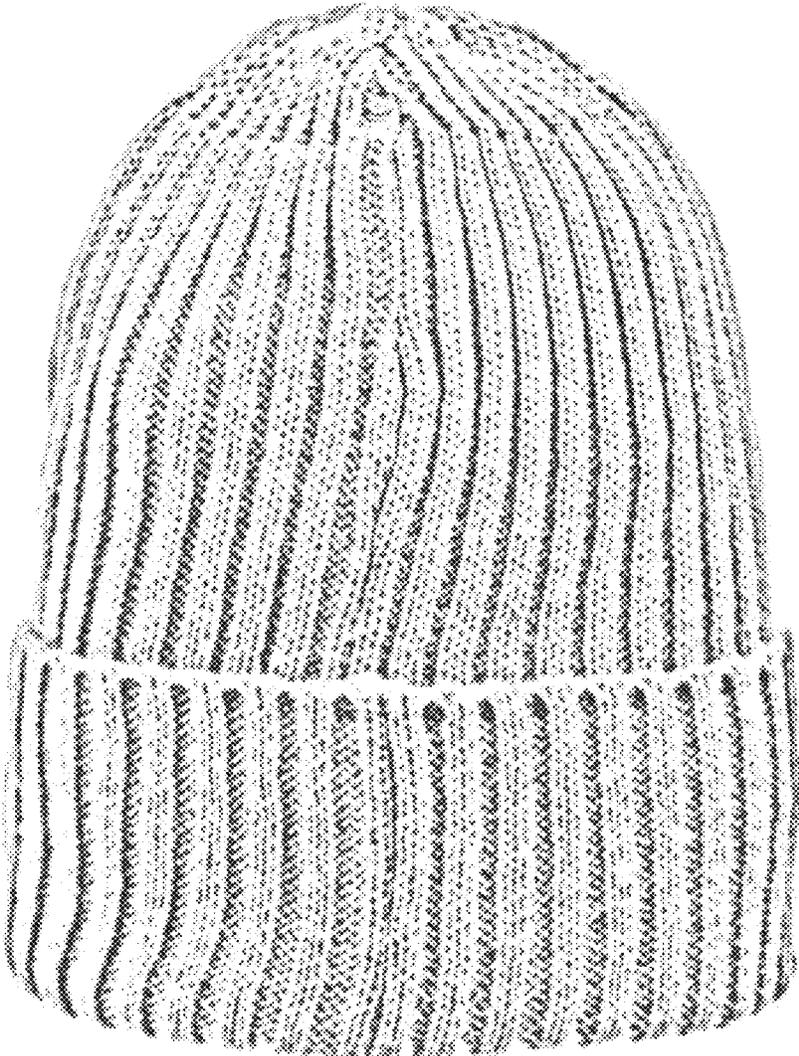


FIG. 165

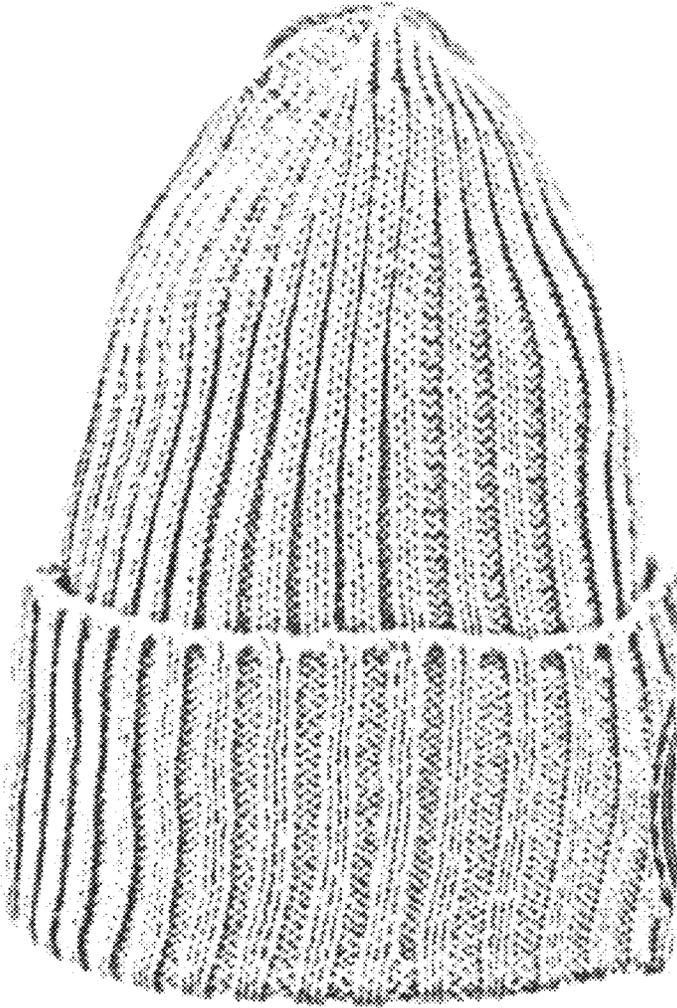


FIG. 166

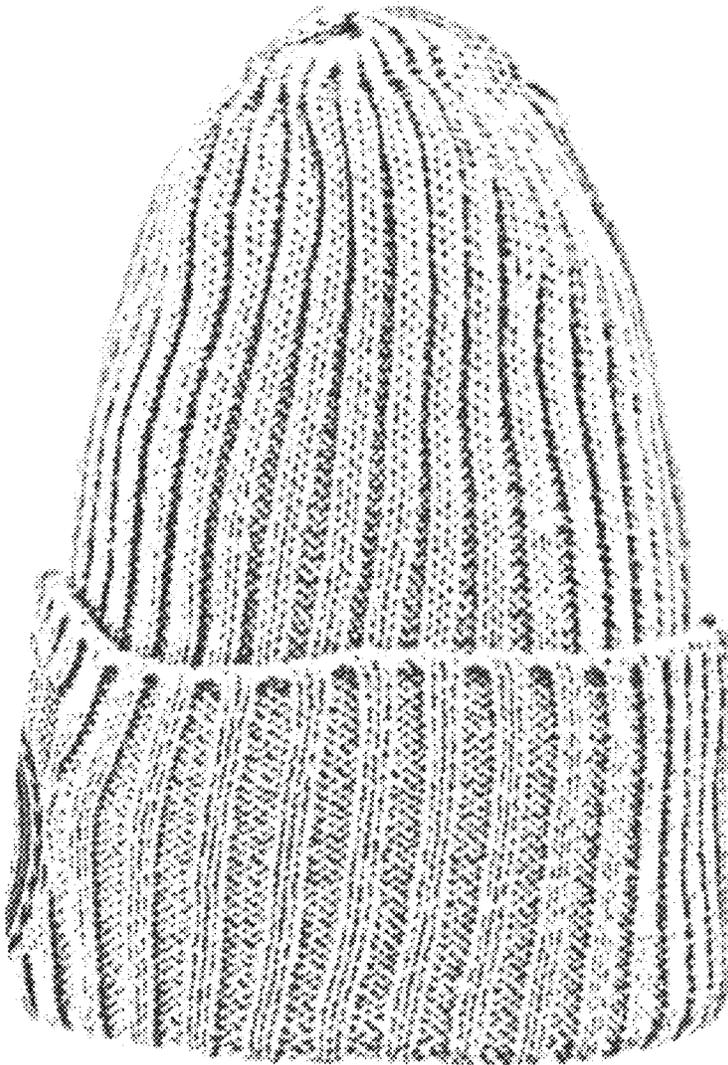


FIG. 167

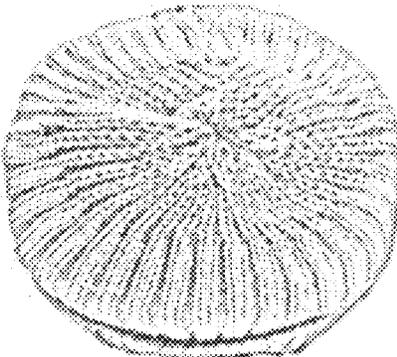


FIG. 168

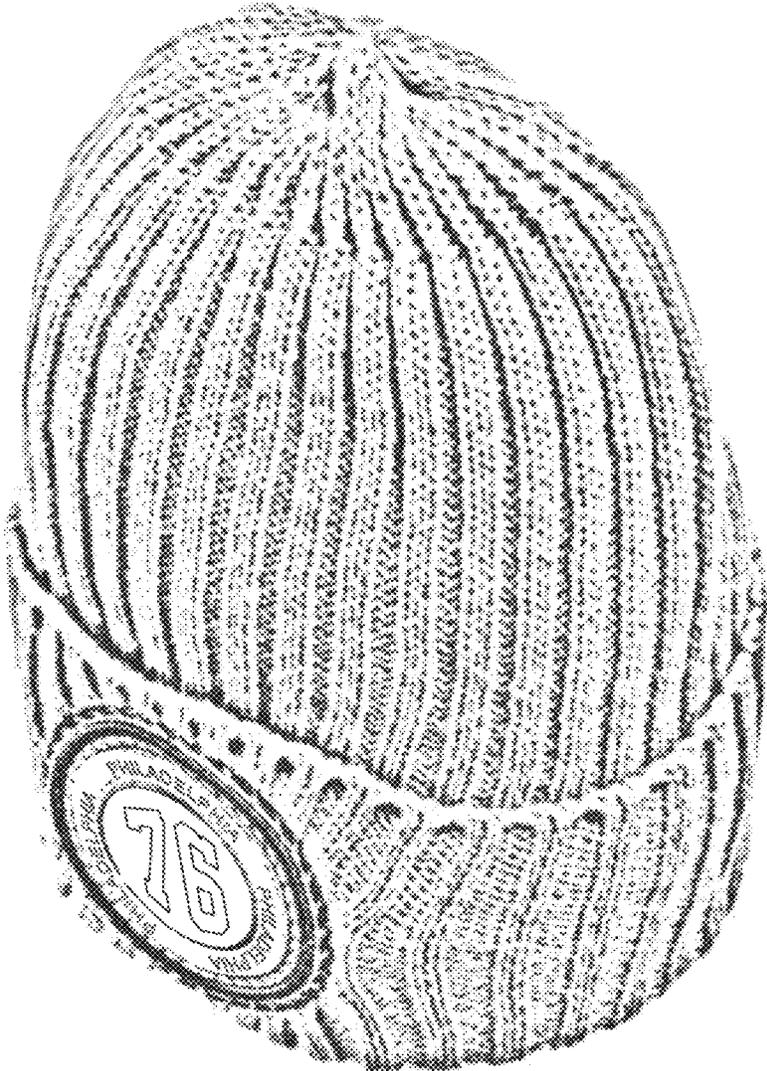


FIG. 169

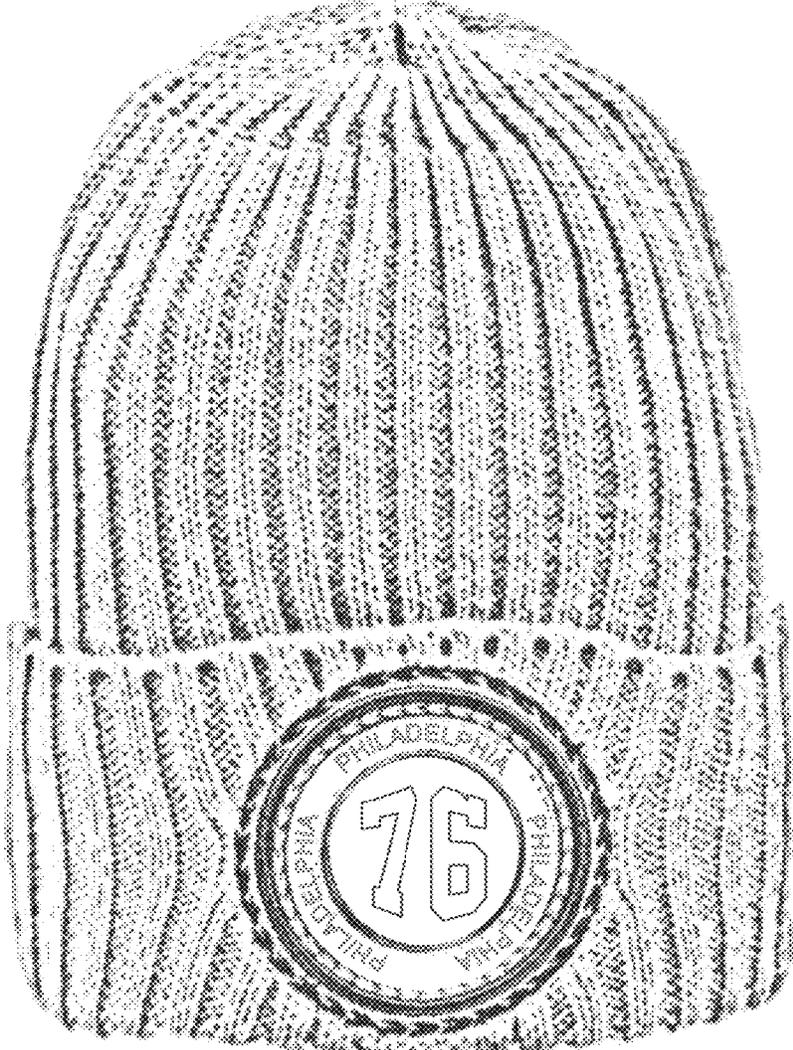


FIG. 170



FIG. 171

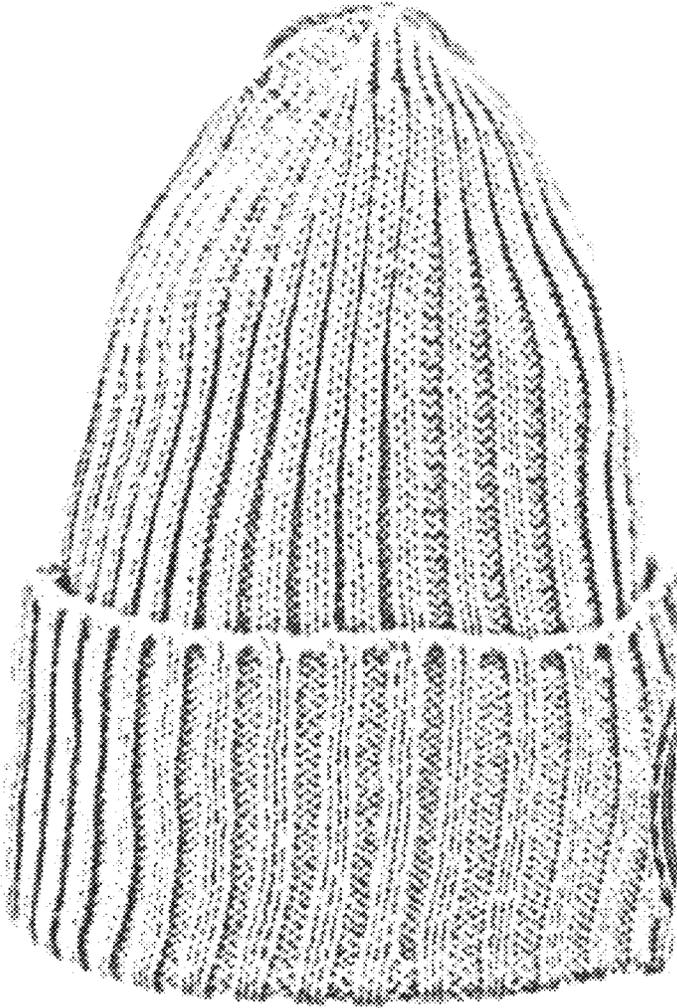


FIG. 172

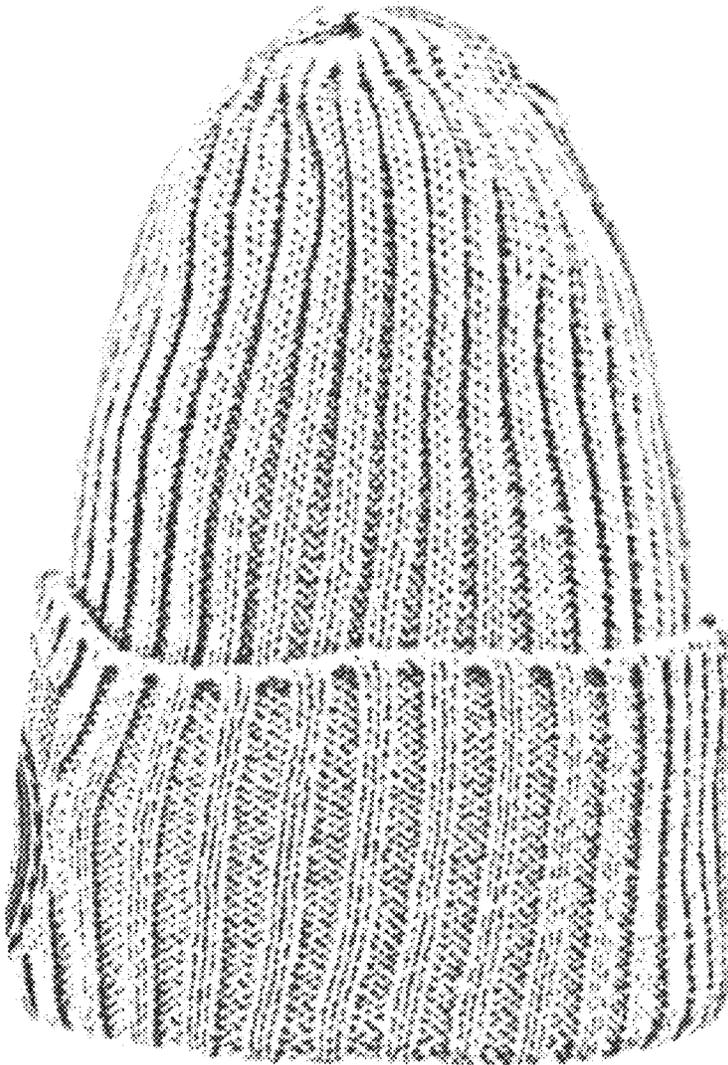


FIG. 173

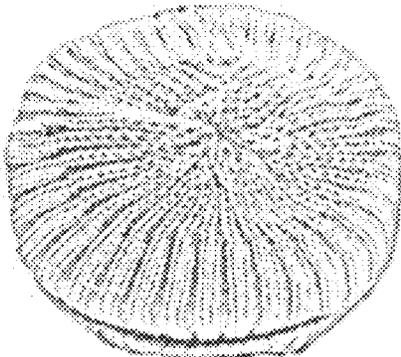


FIG. 174

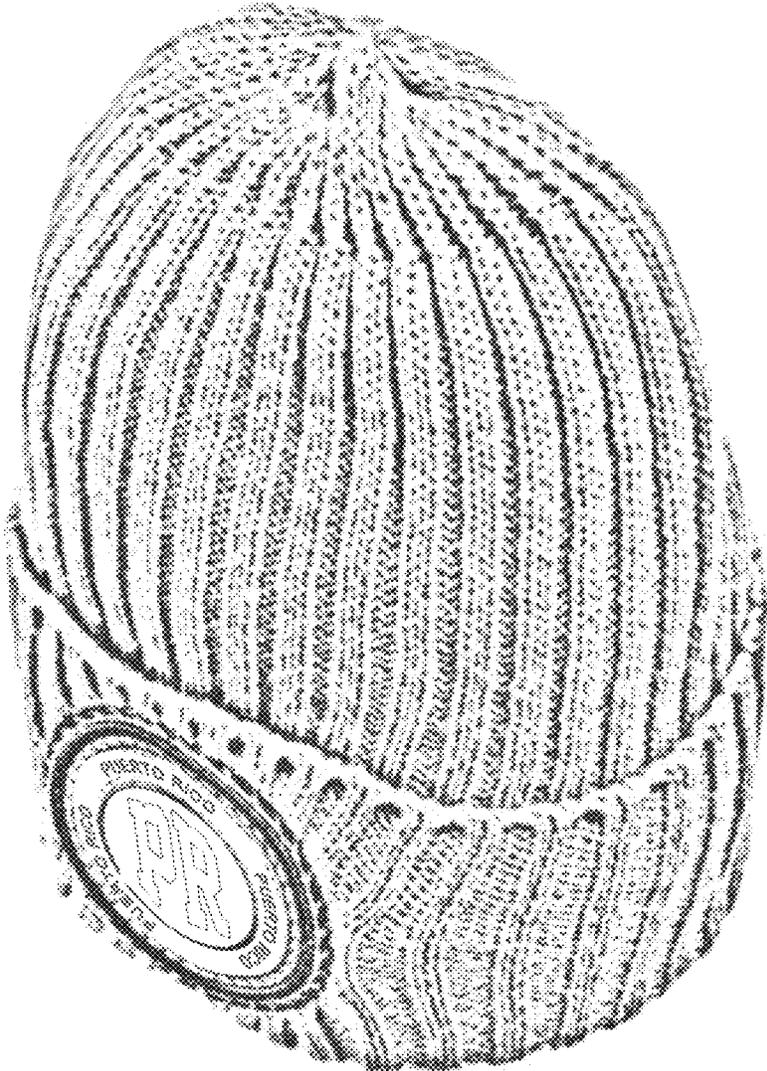


FIG. 175

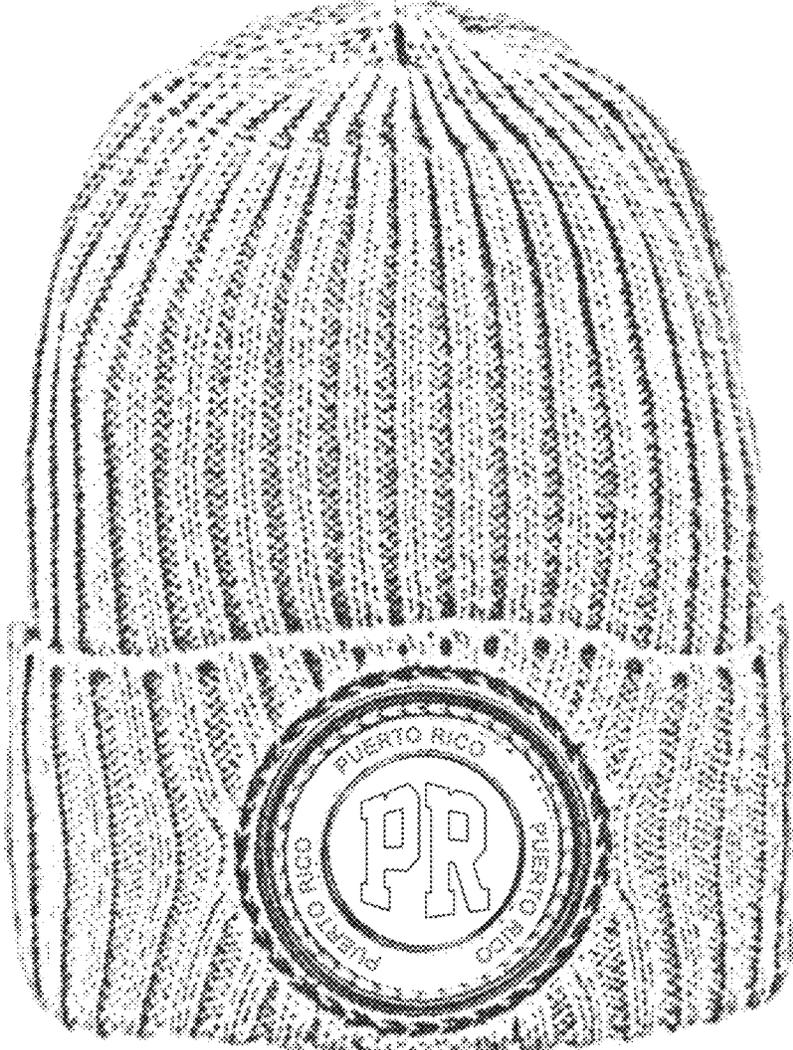


FIG. 176

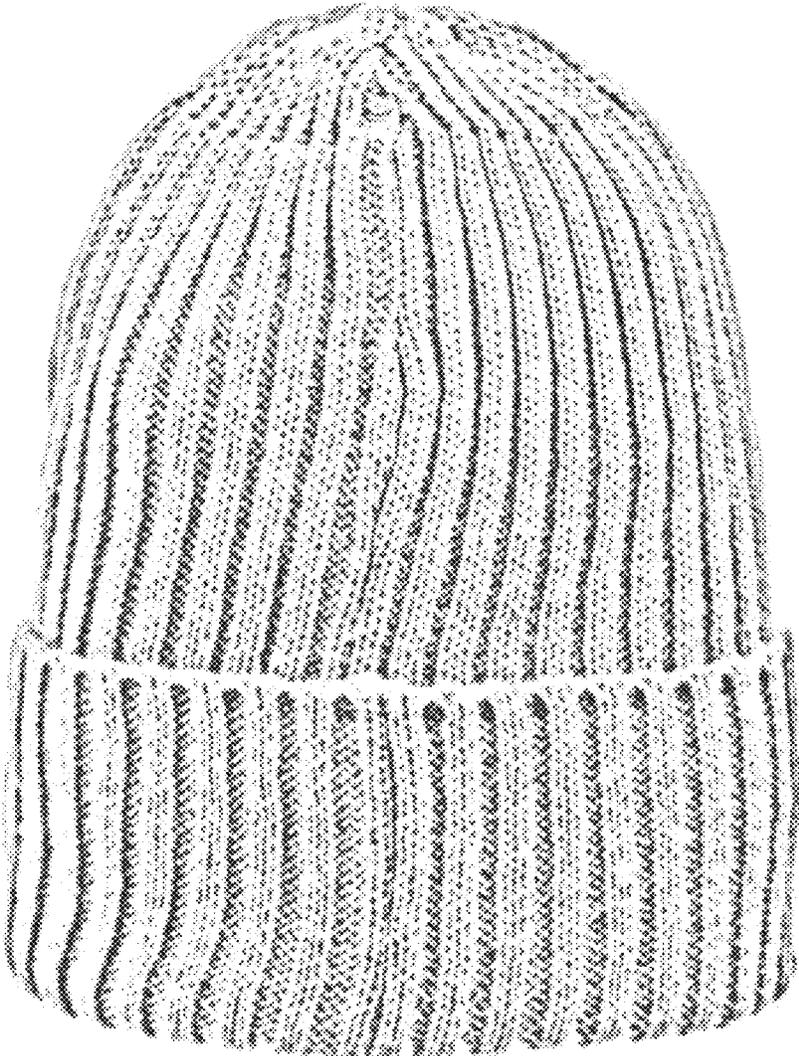


FIG. 177

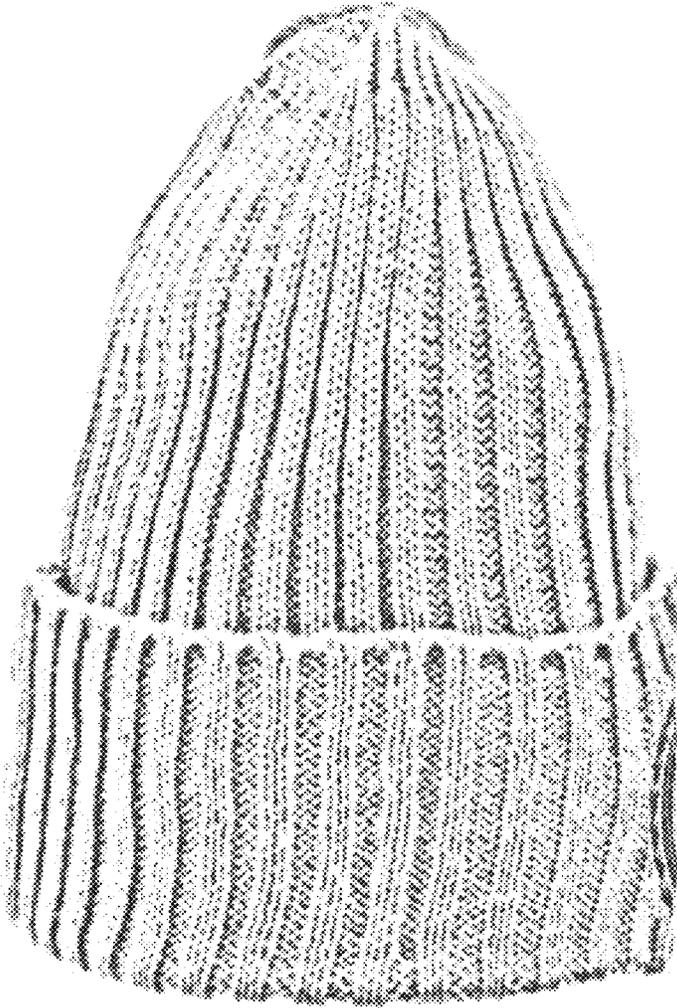


FIG. 178

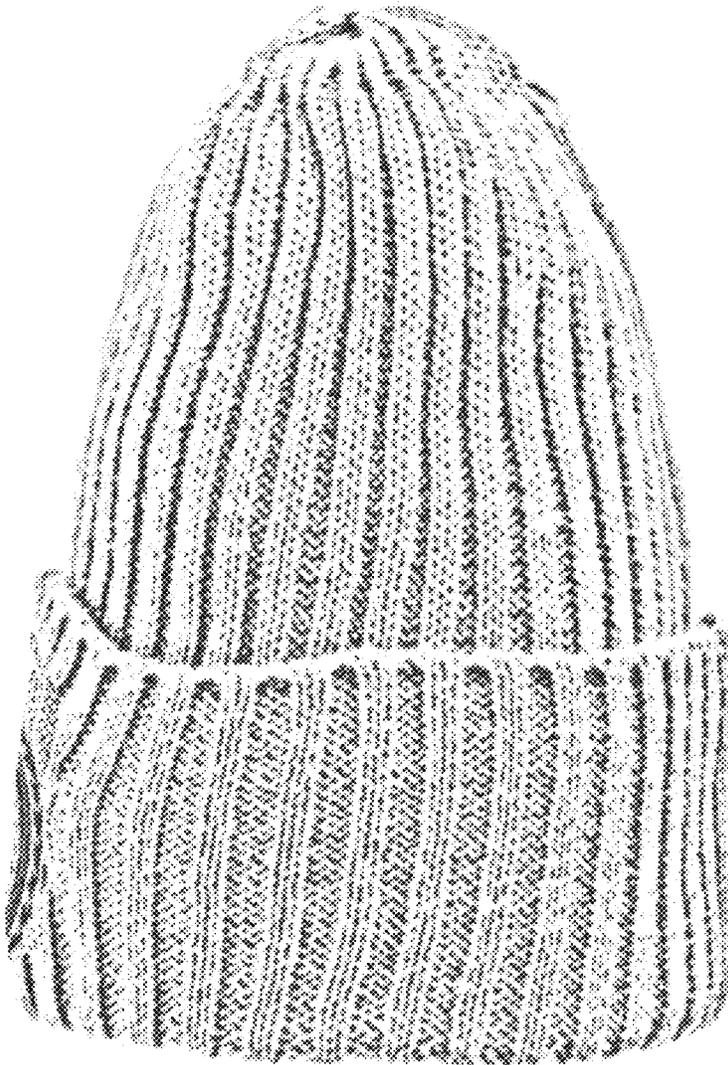


FIG. 179

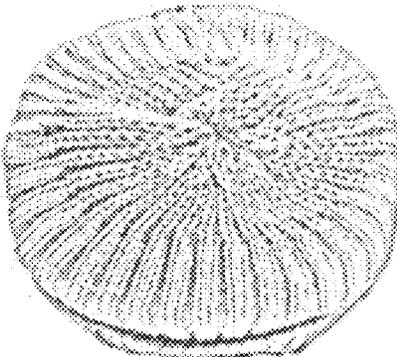


FIG. 180

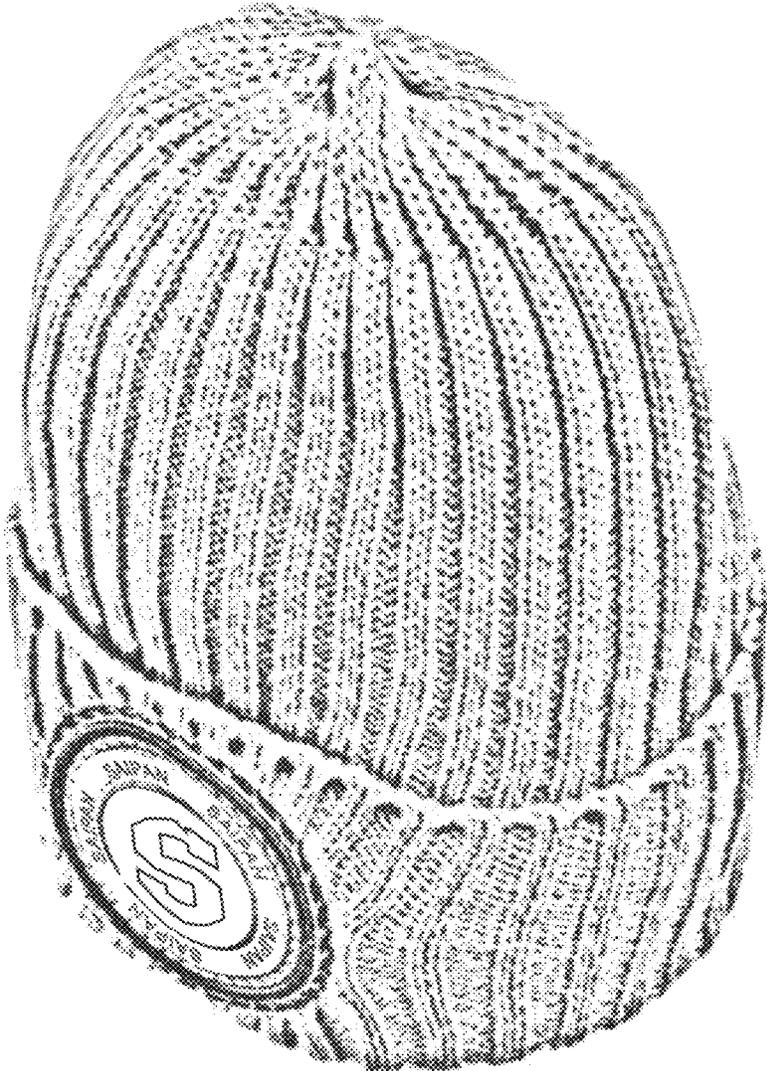


FIG. 181

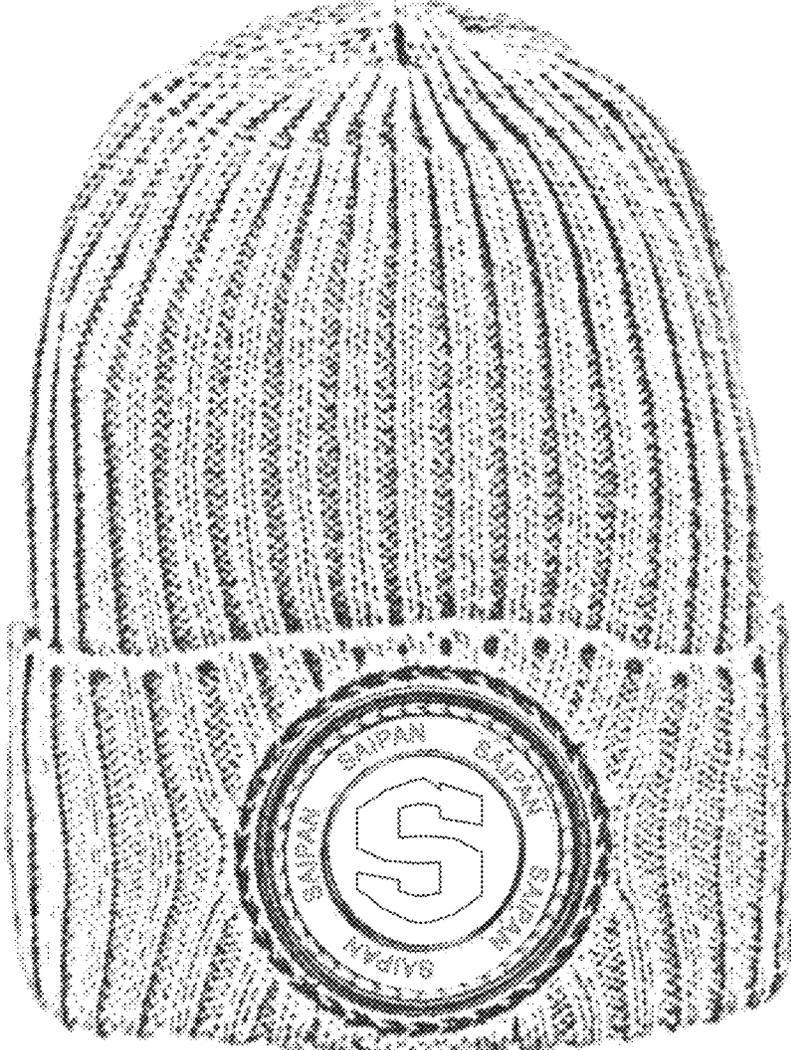


FIG. 182

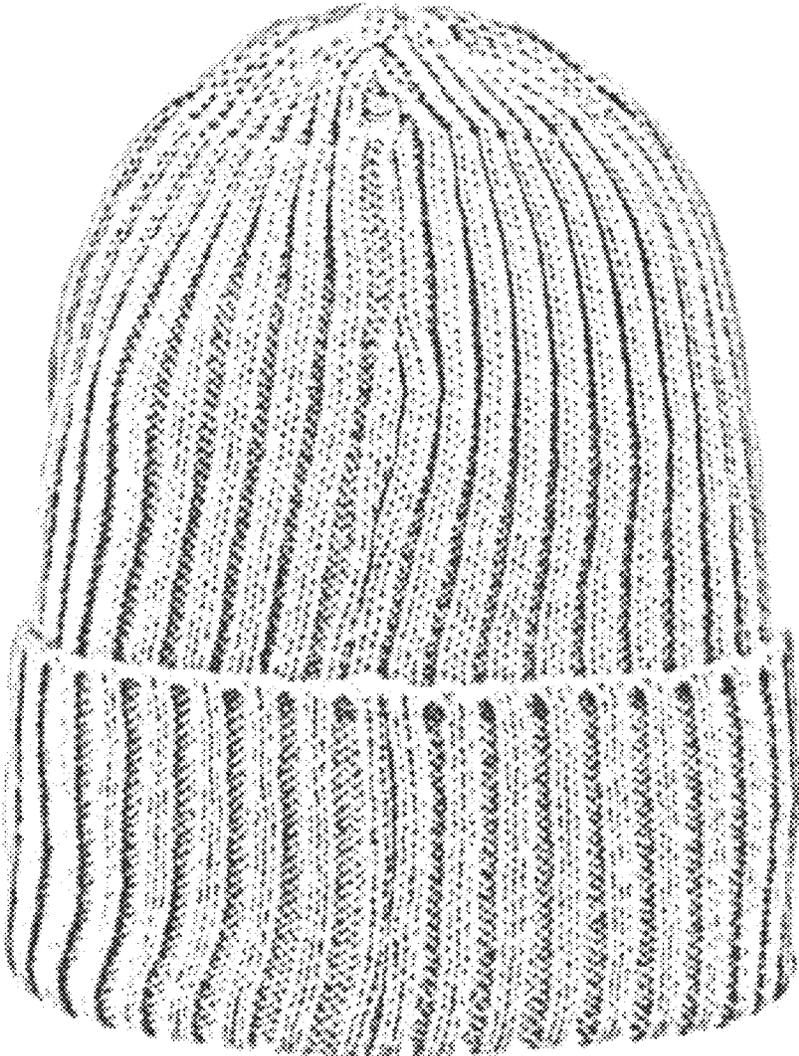


FIG. 183

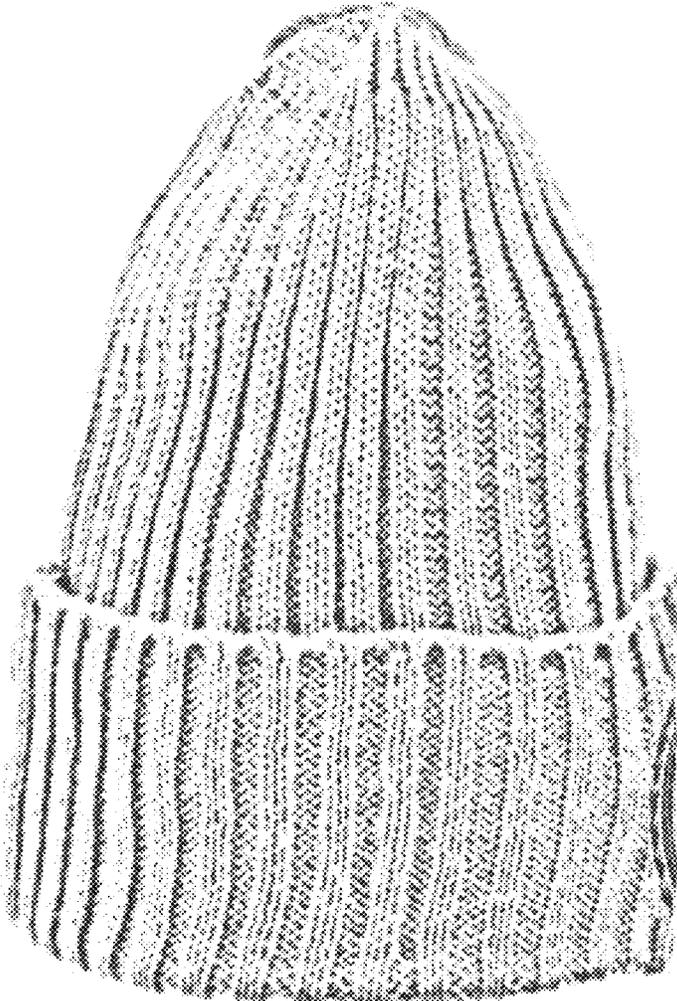


FIG. 184

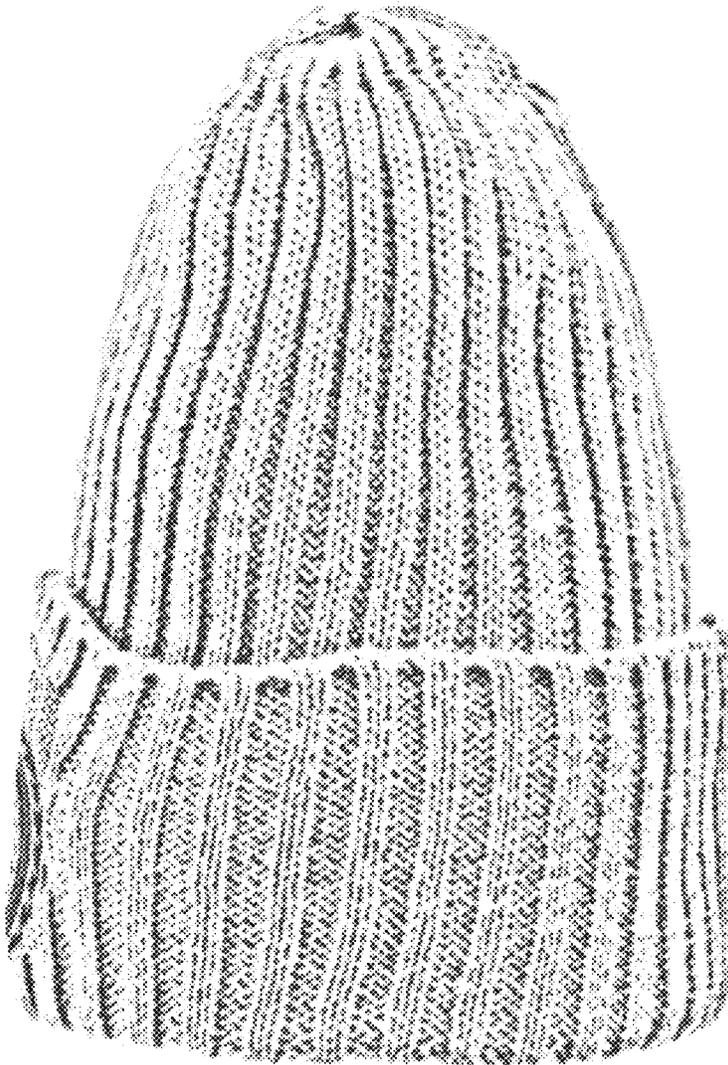


FIG. 185

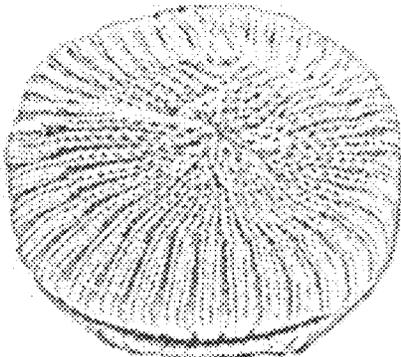


FIG. 186

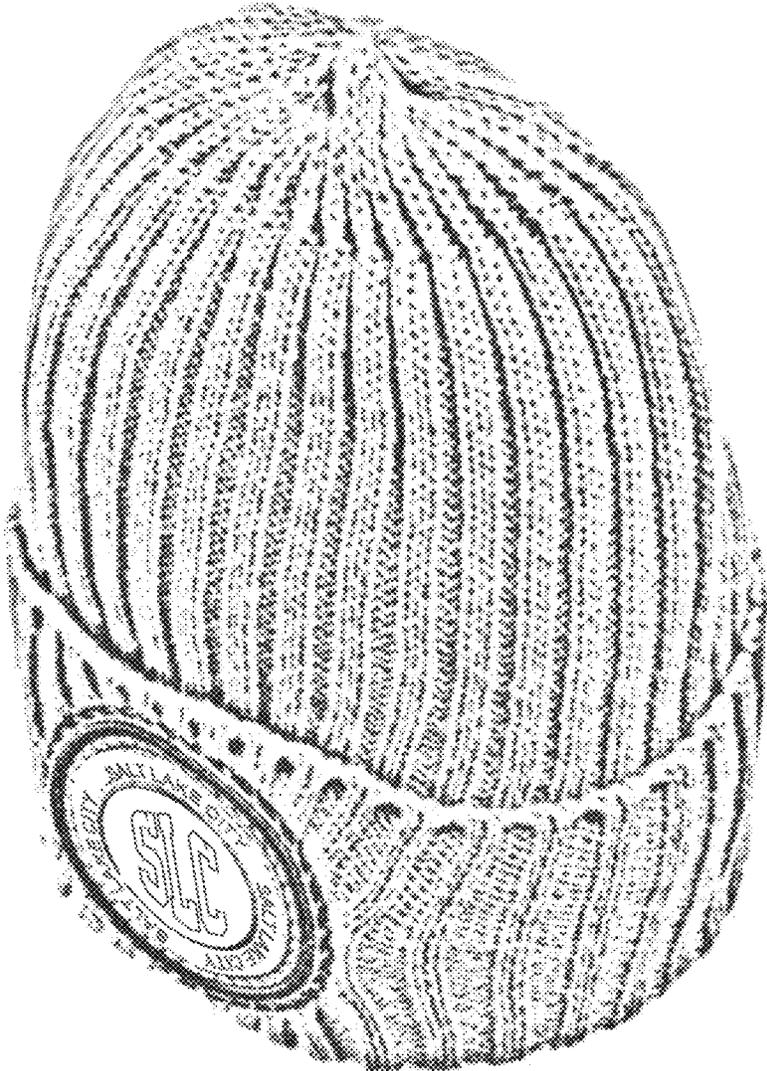


FIG. 187

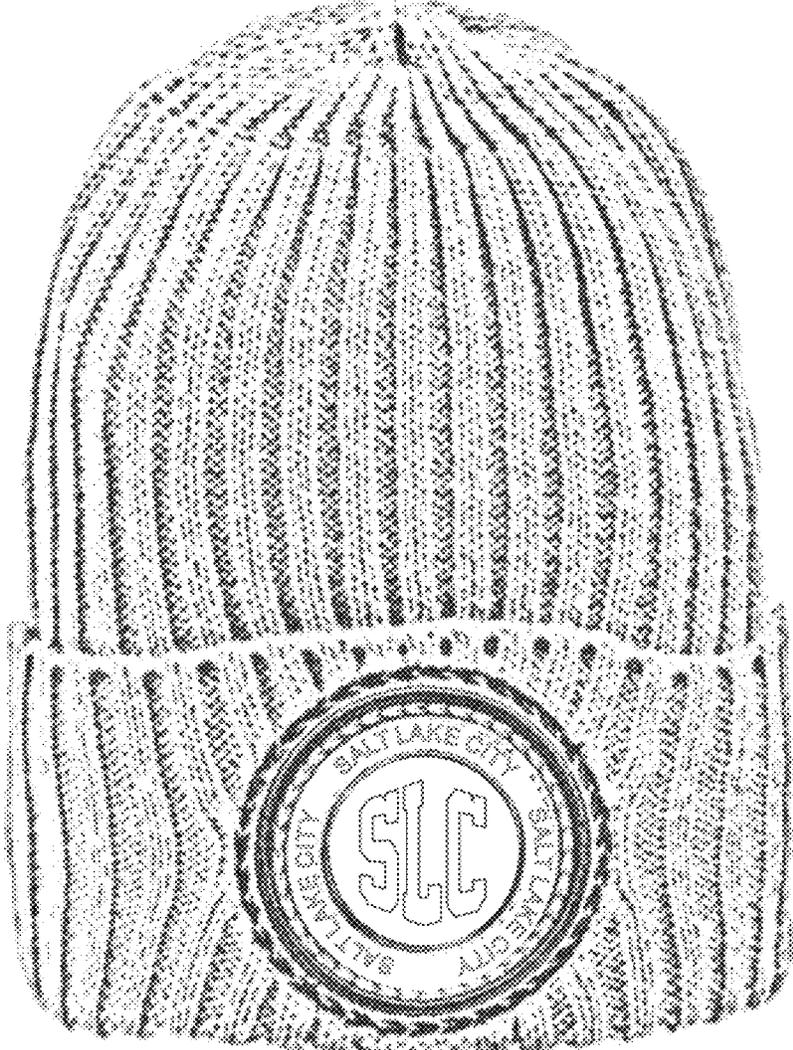


FIG. 188

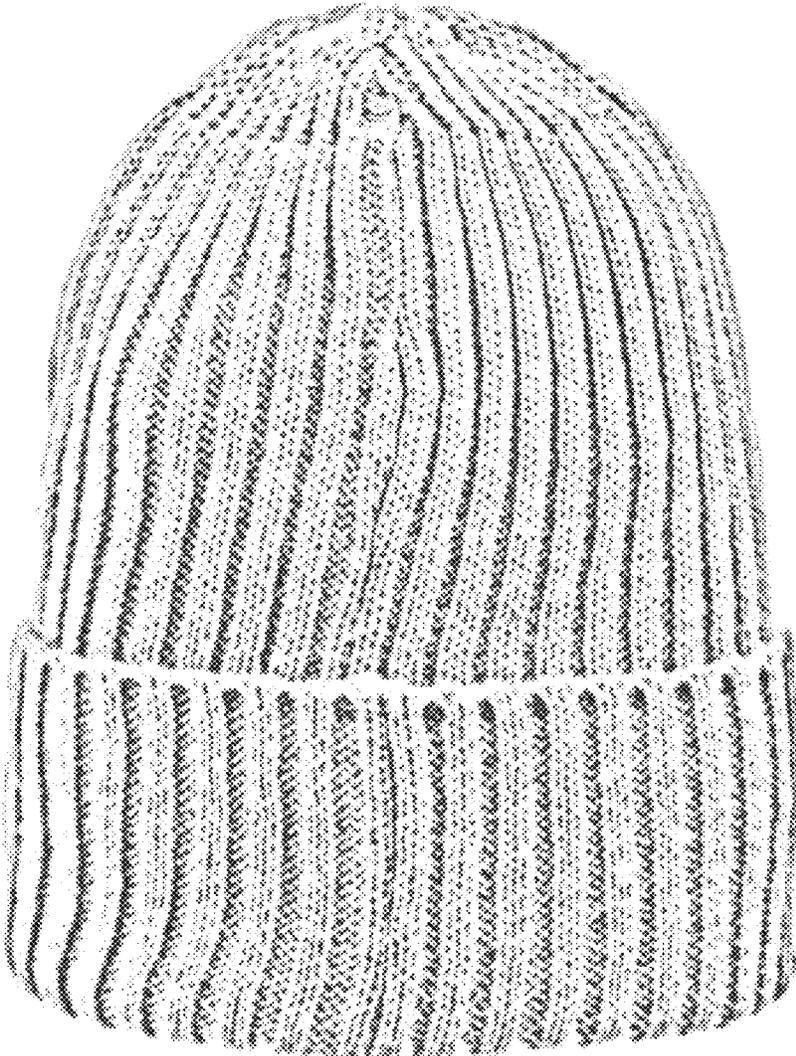


FIG. 189

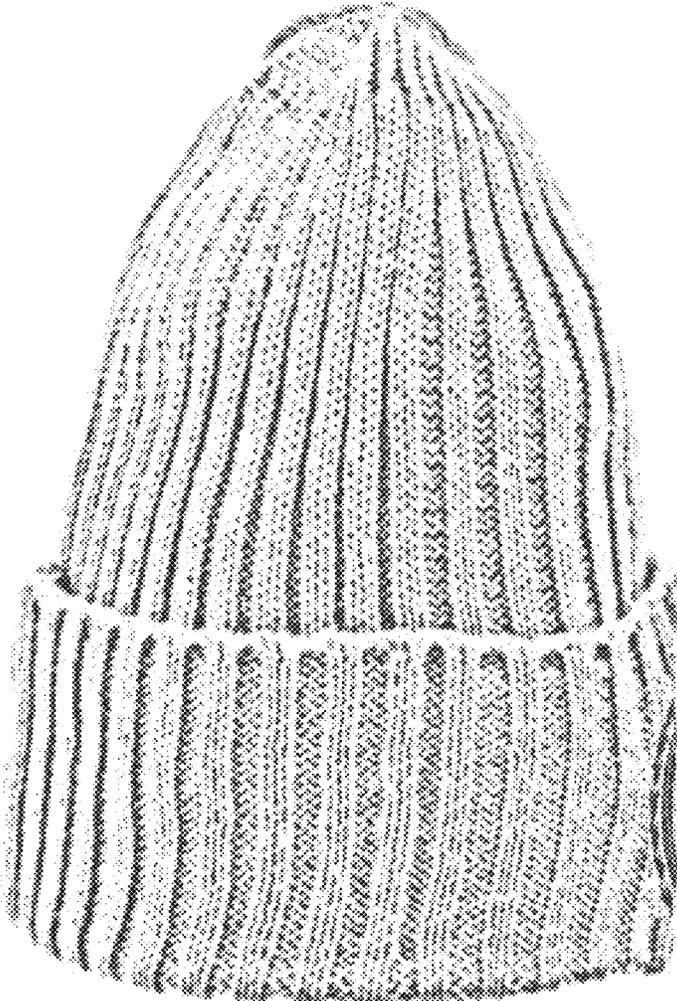


FIG. 190

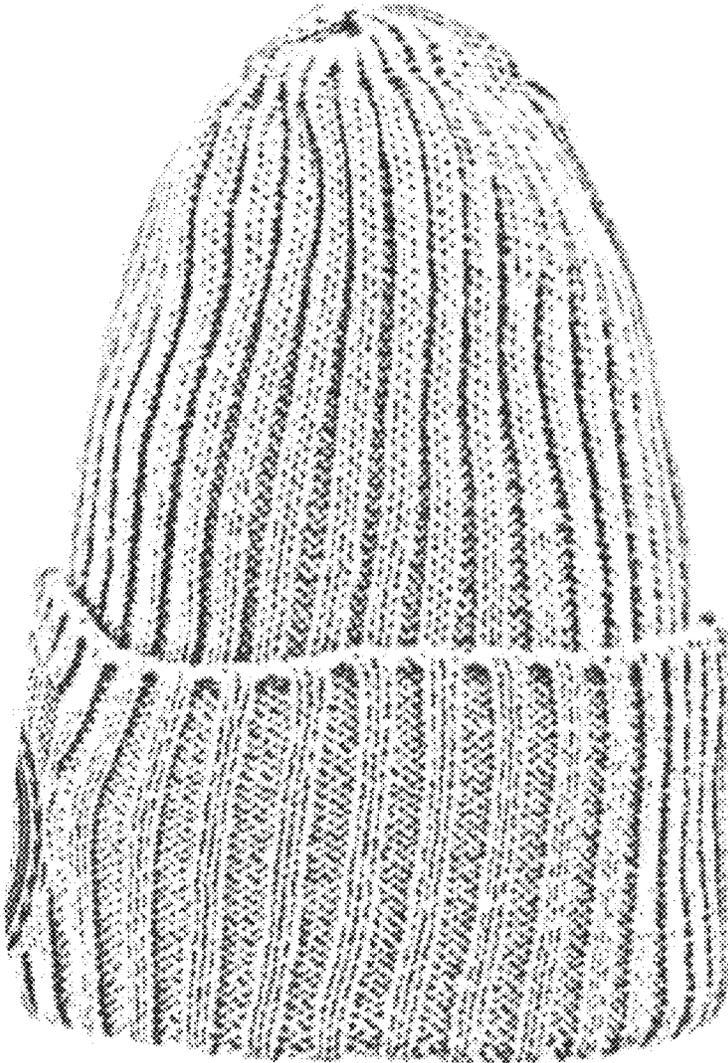


FIG. 191

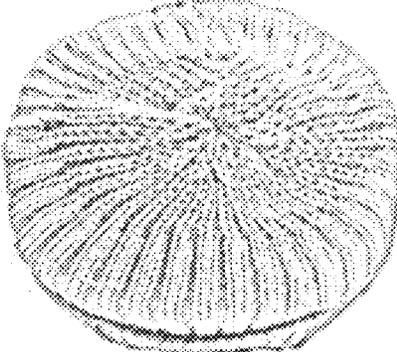


FIG. 192

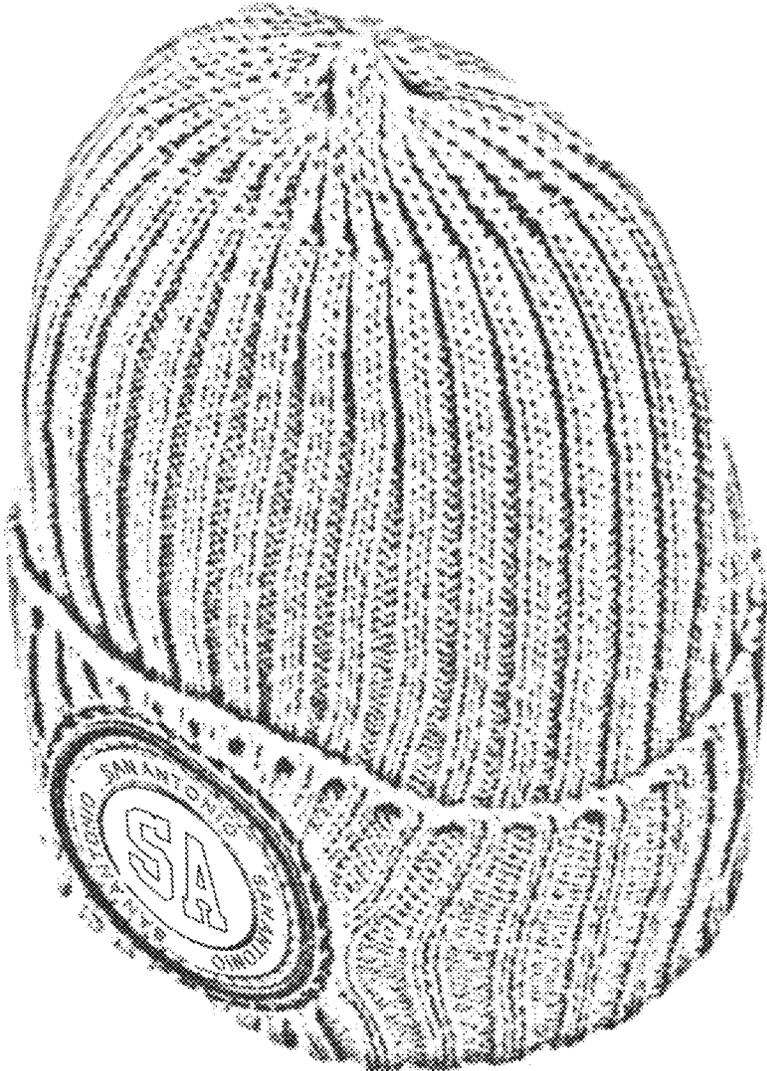


FIG. 193

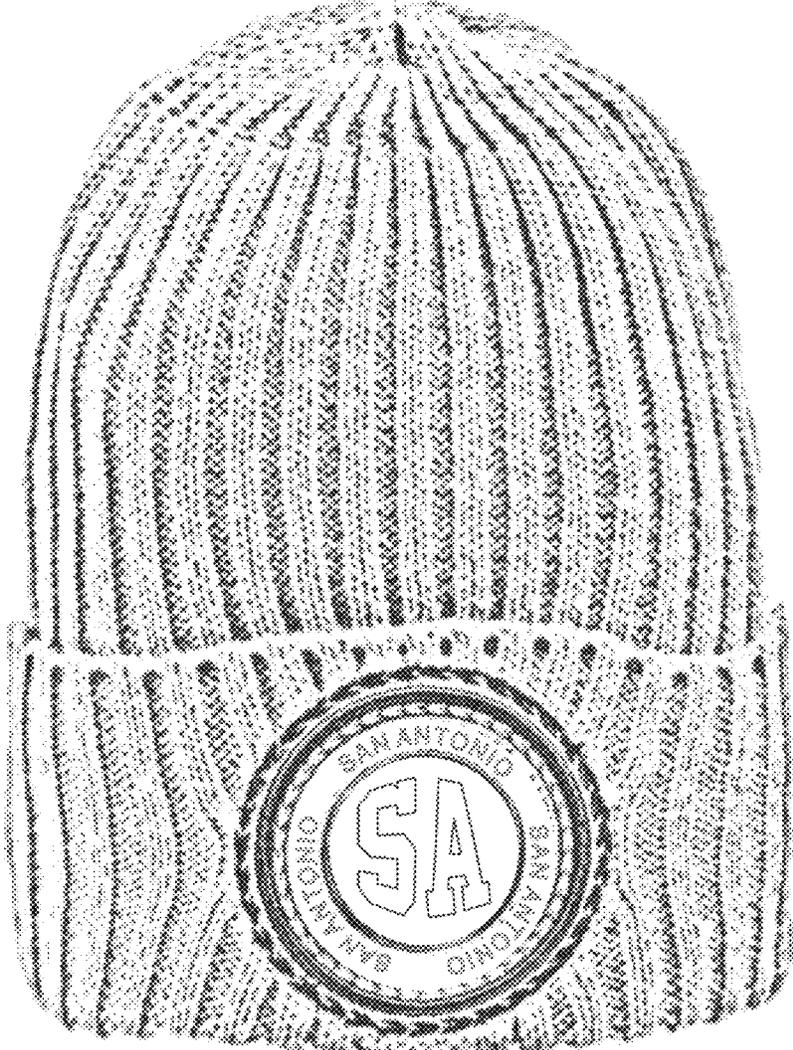


FIG. 194



FIG. 195

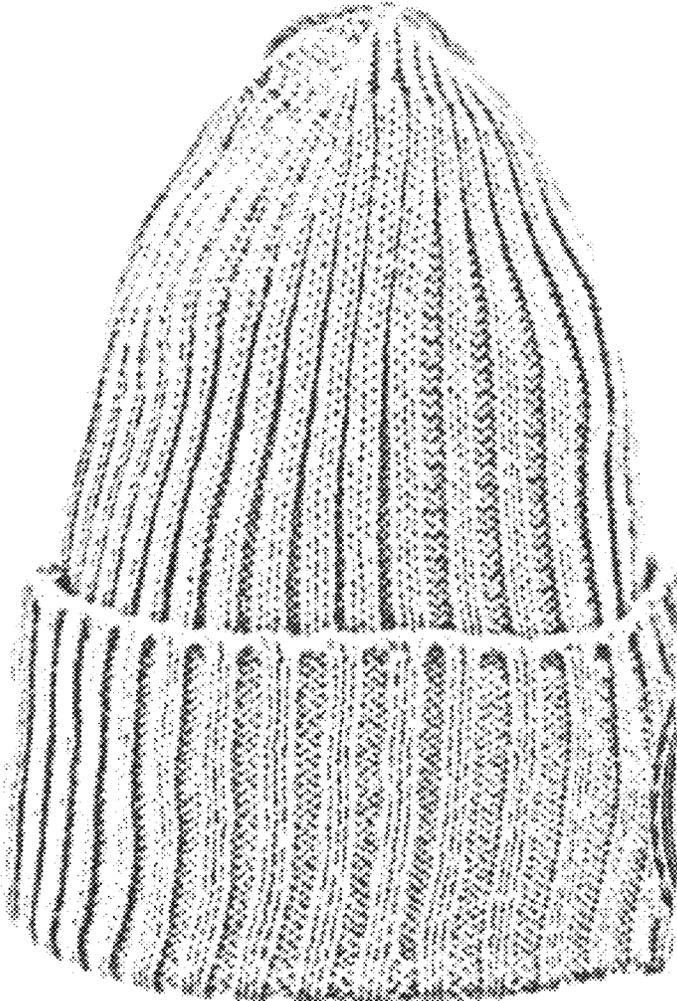


FIG. 196

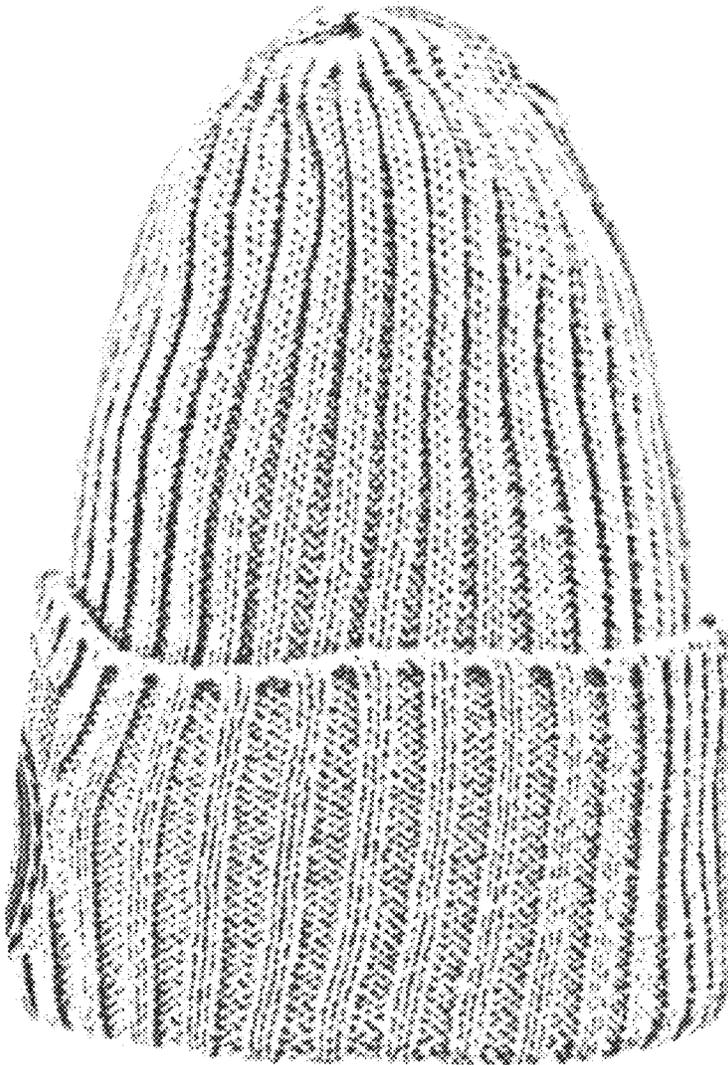


FIG. 197

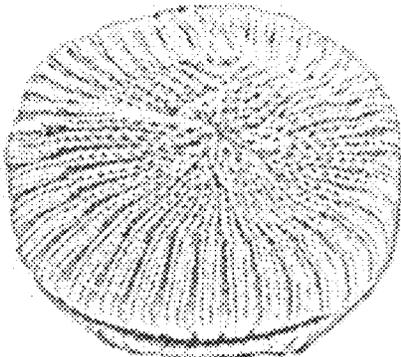


FIG. 198

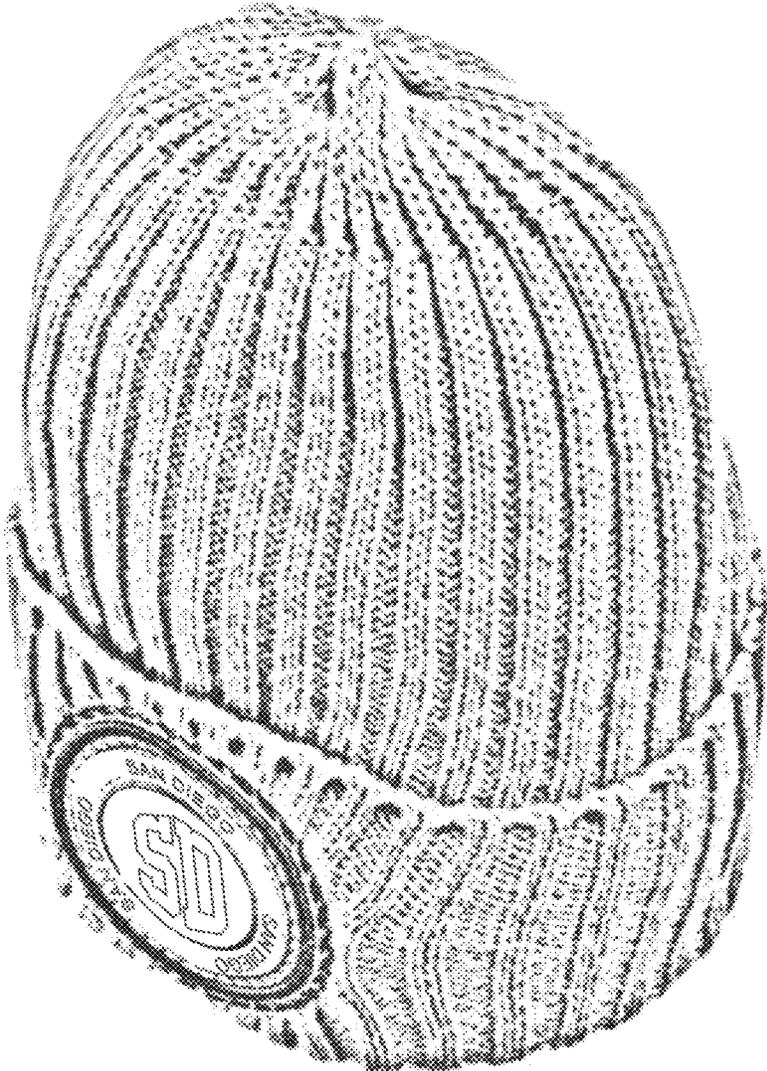


FIG. 199

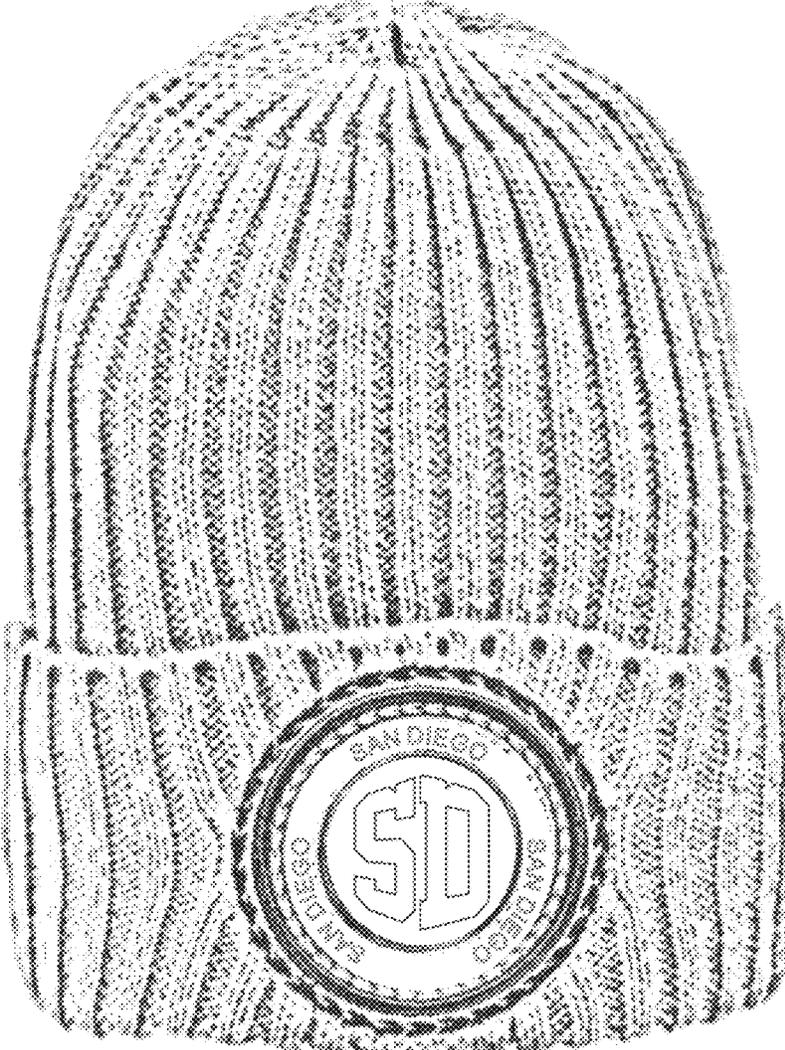


FIG. 200



FIG. 201

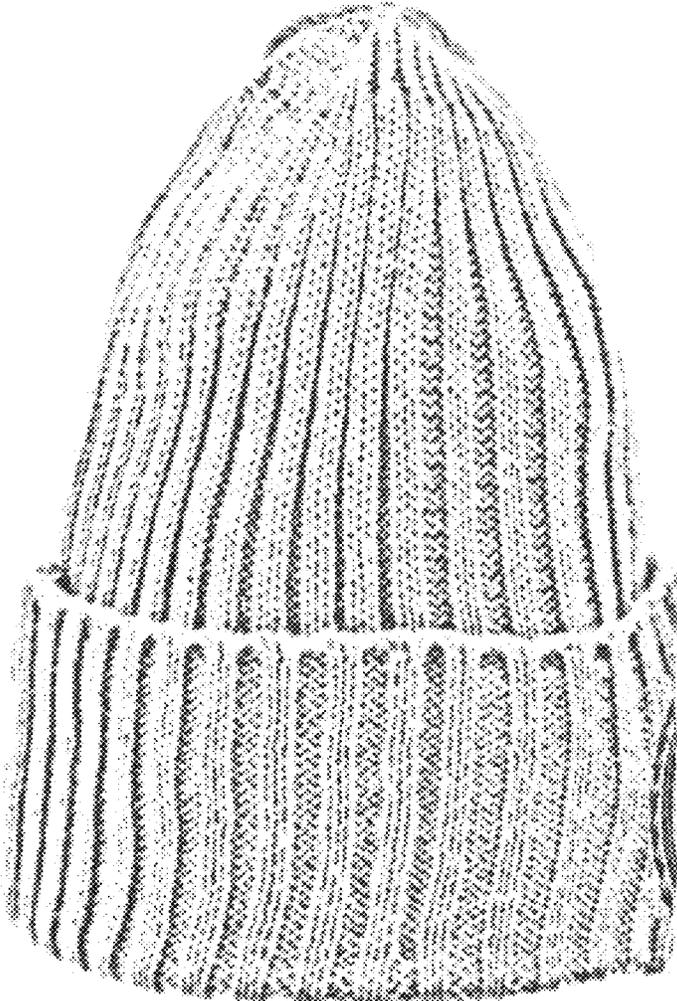


FIG. 202

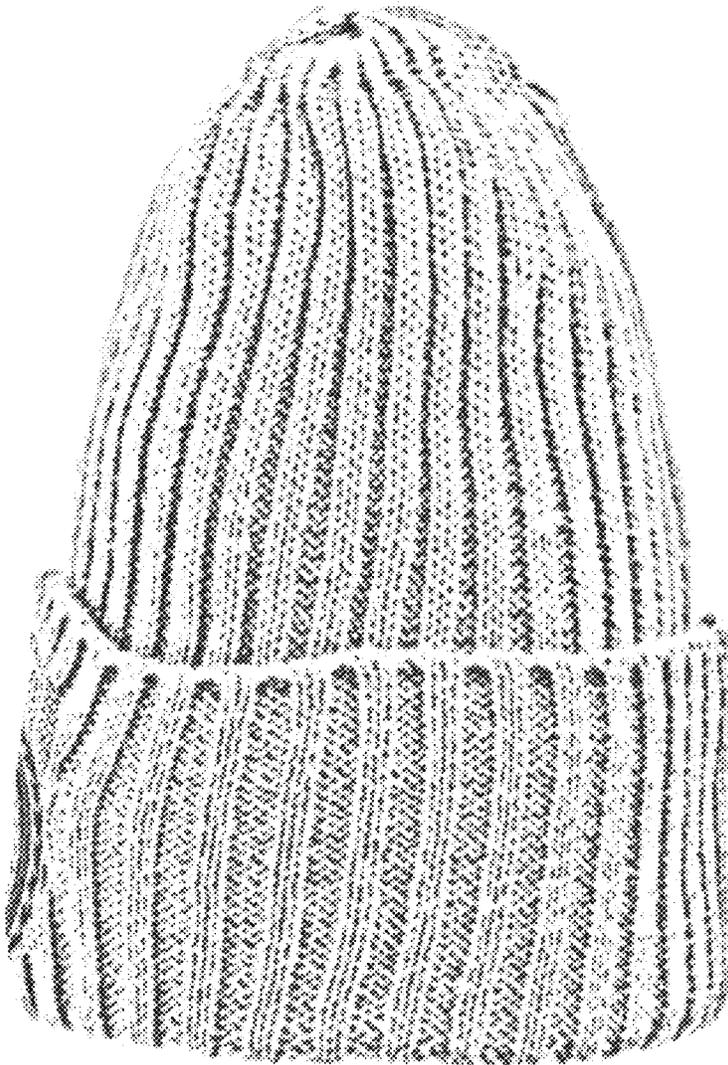


FIG. 203

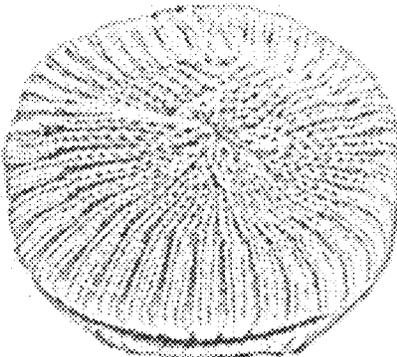


FIG. 204

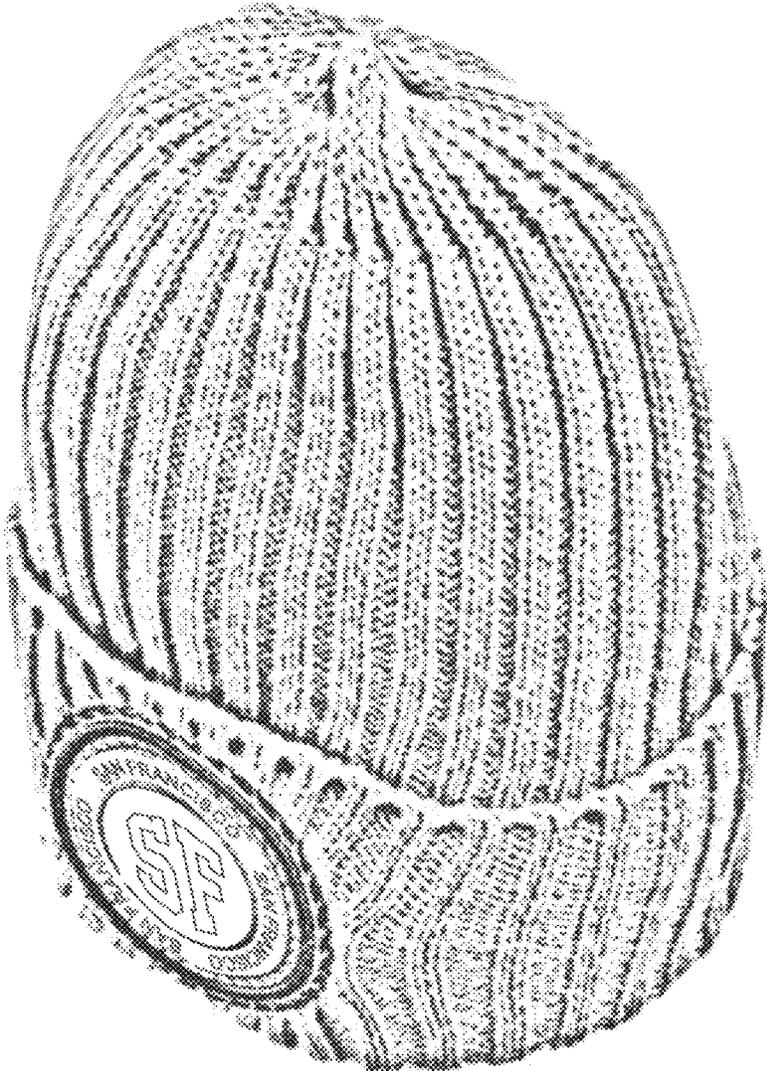


FIG. 205

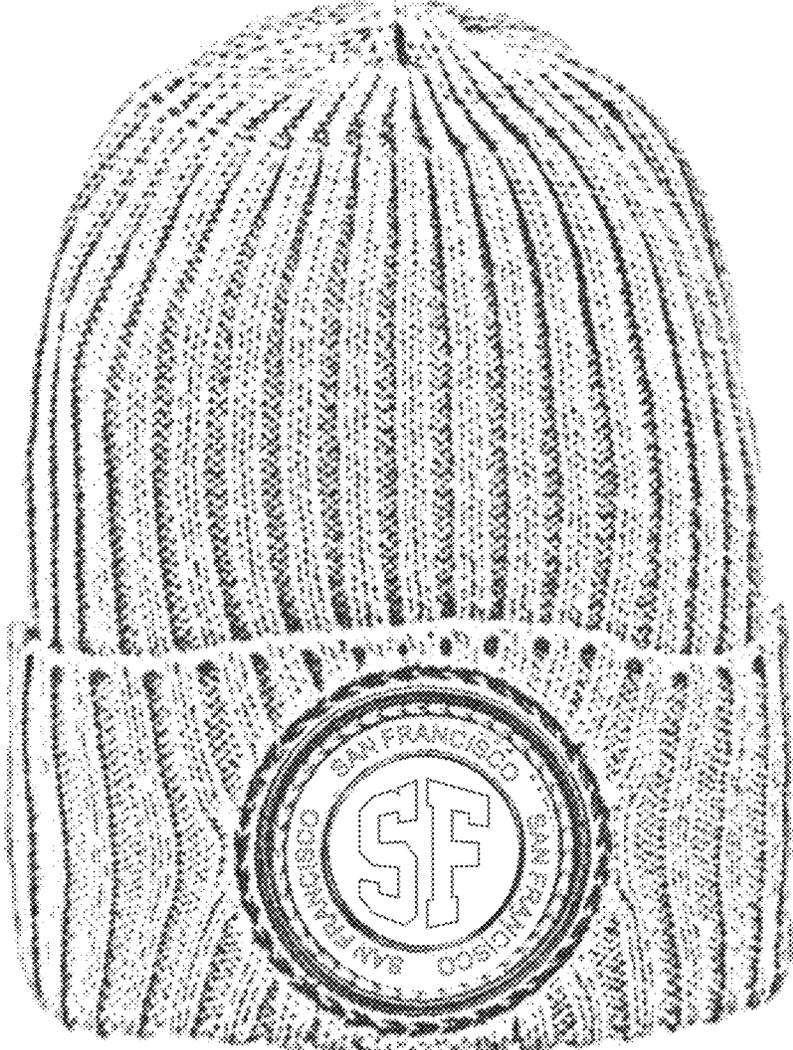


FIG. 206

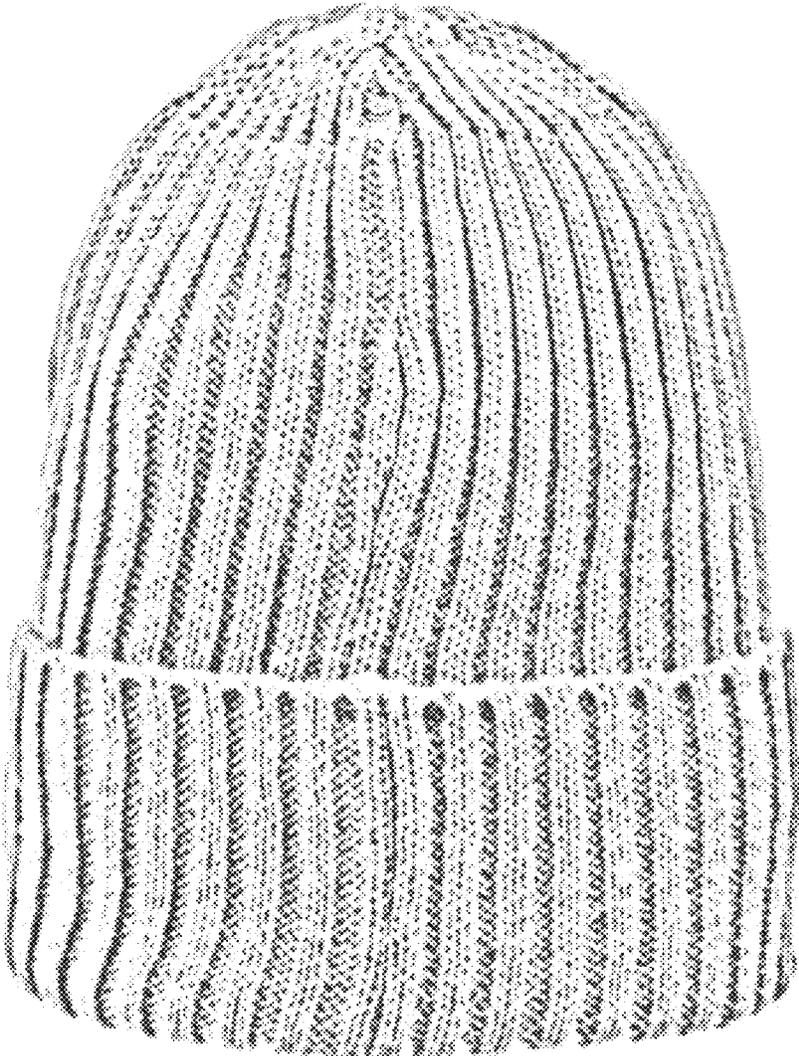


FIG. 207

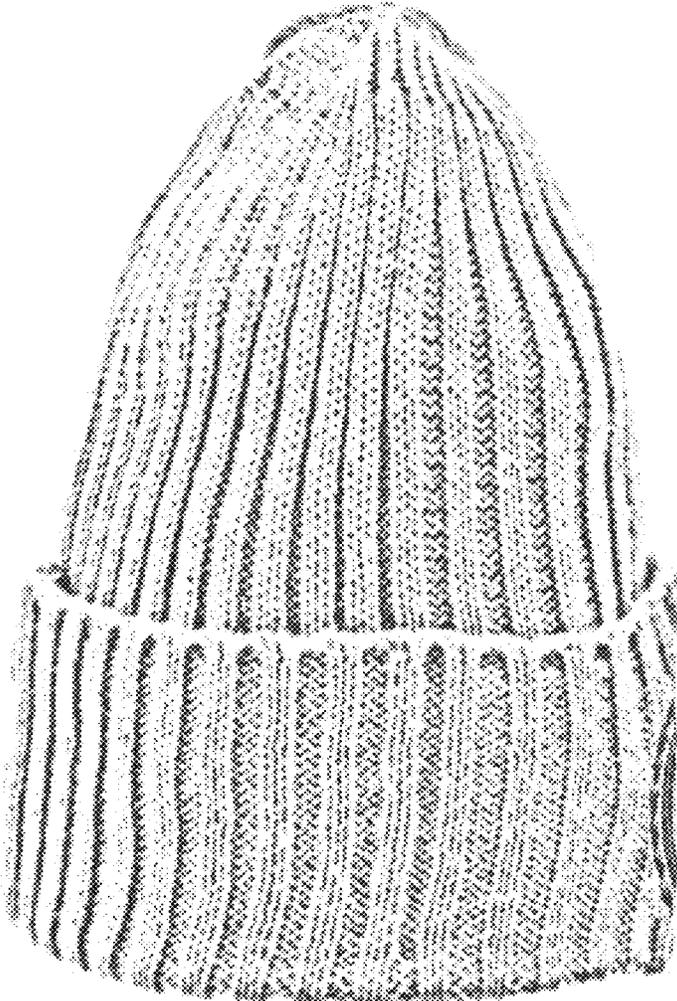


FIG. 208

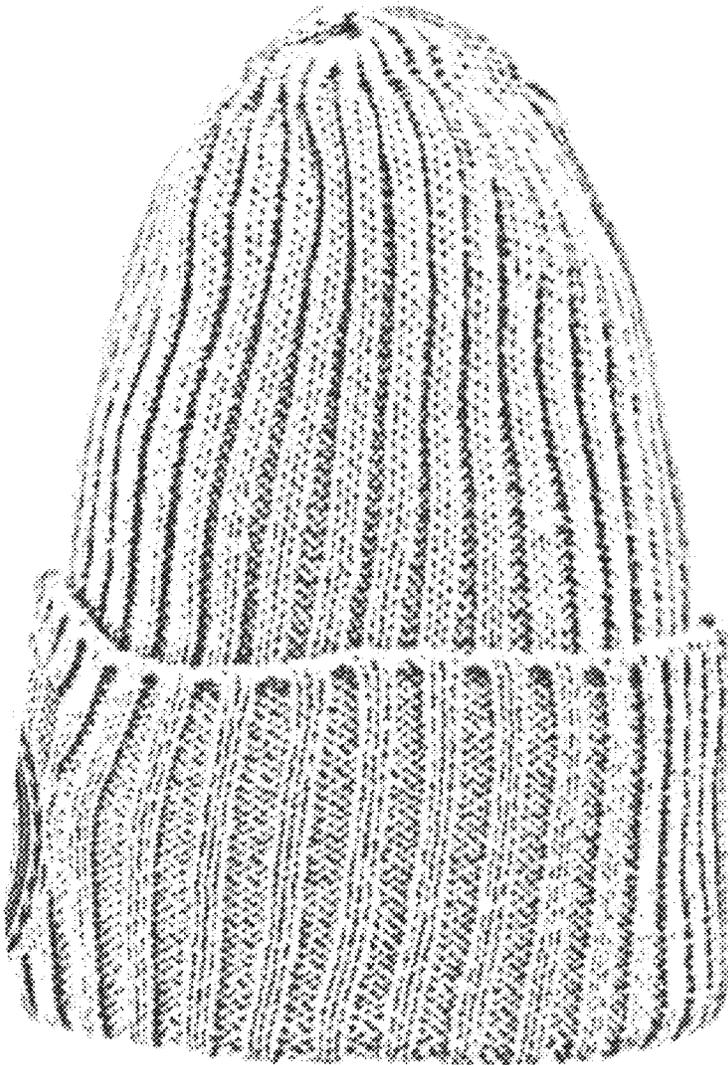


FIG. 209

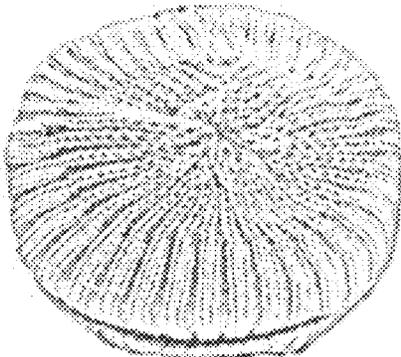


FIG. 210

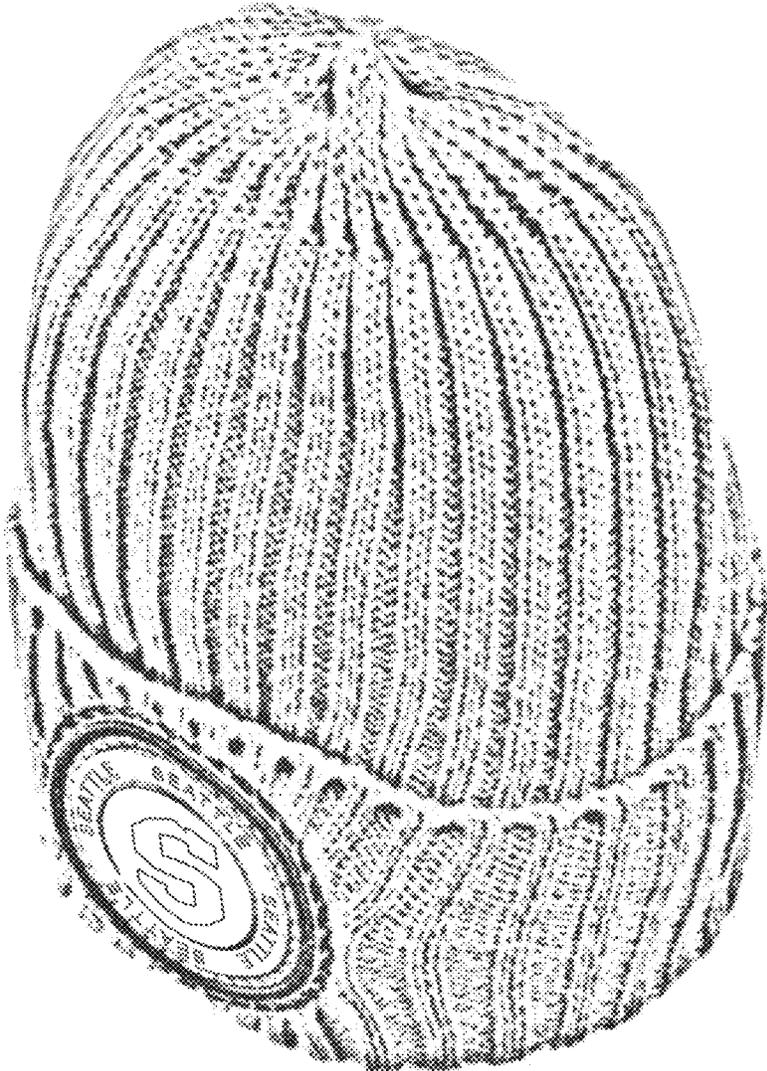


FIG. 211

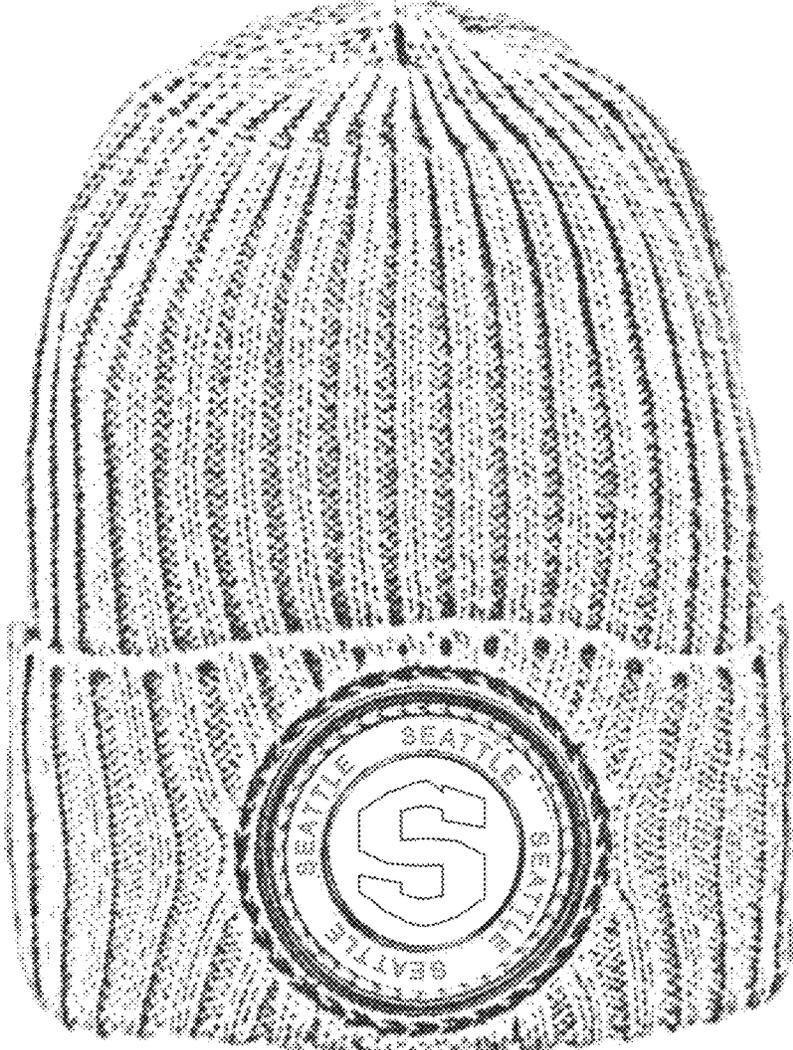


FIG. 212

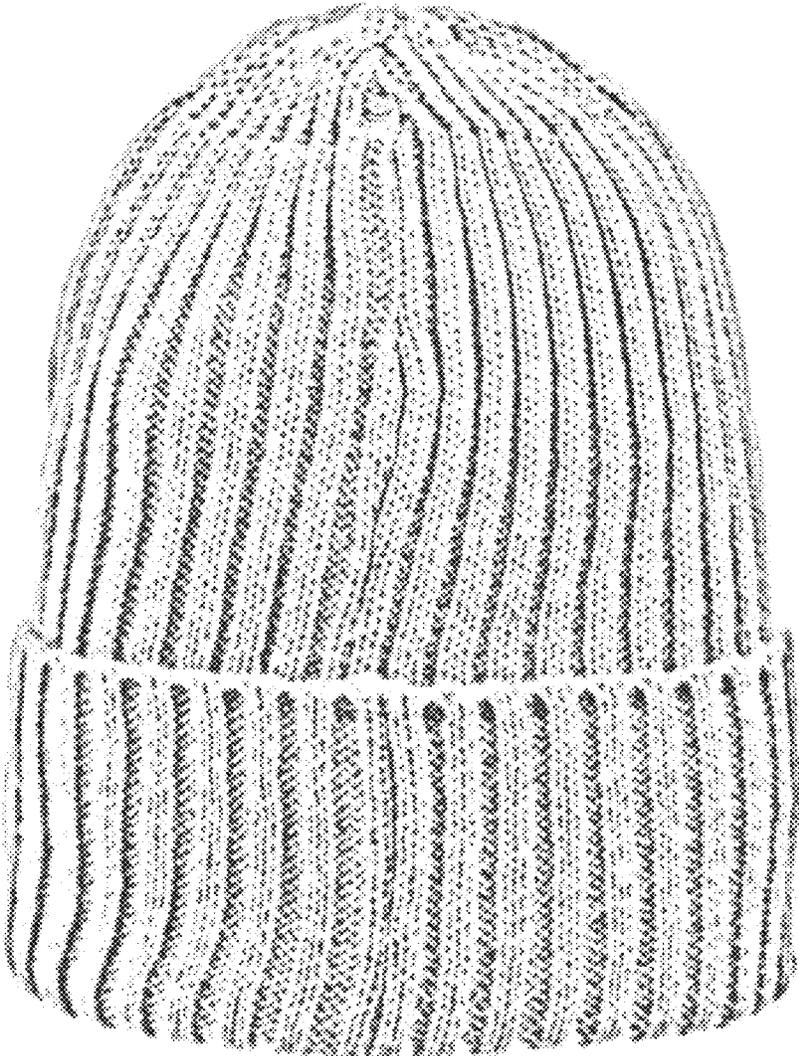


FIG. 213

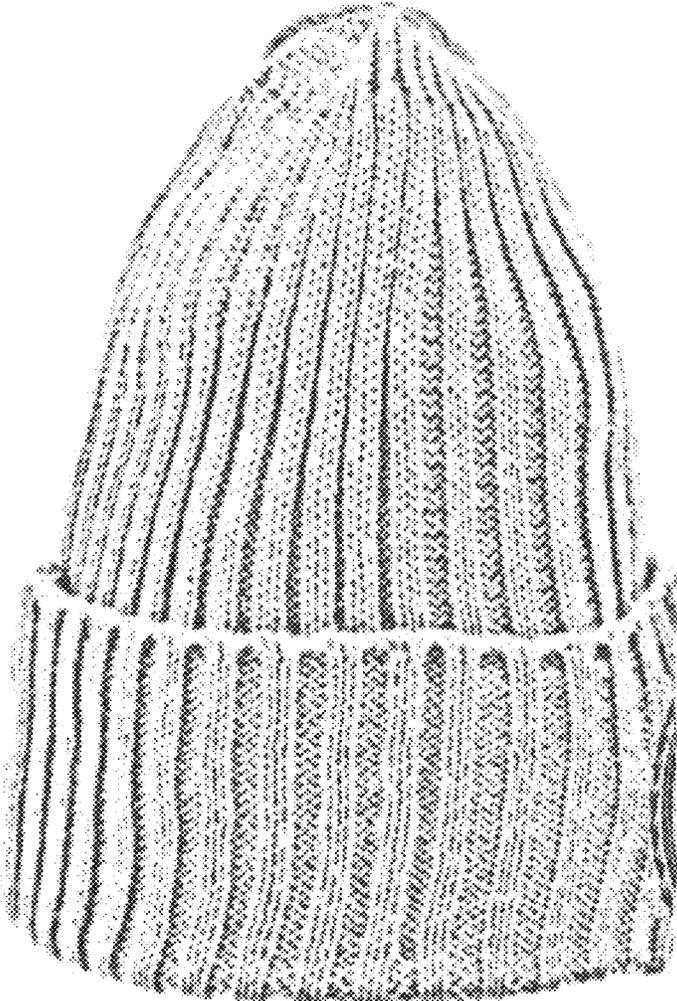


FIG. 214

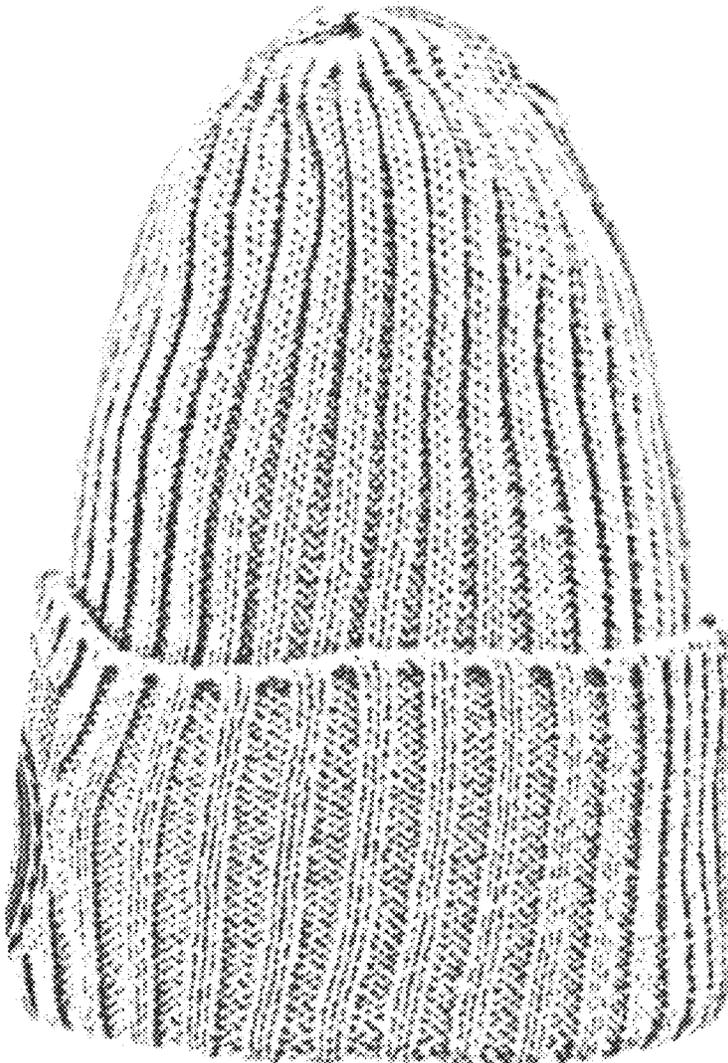


FIG. 215

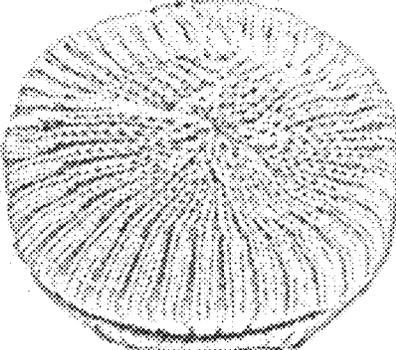


FIG. 216

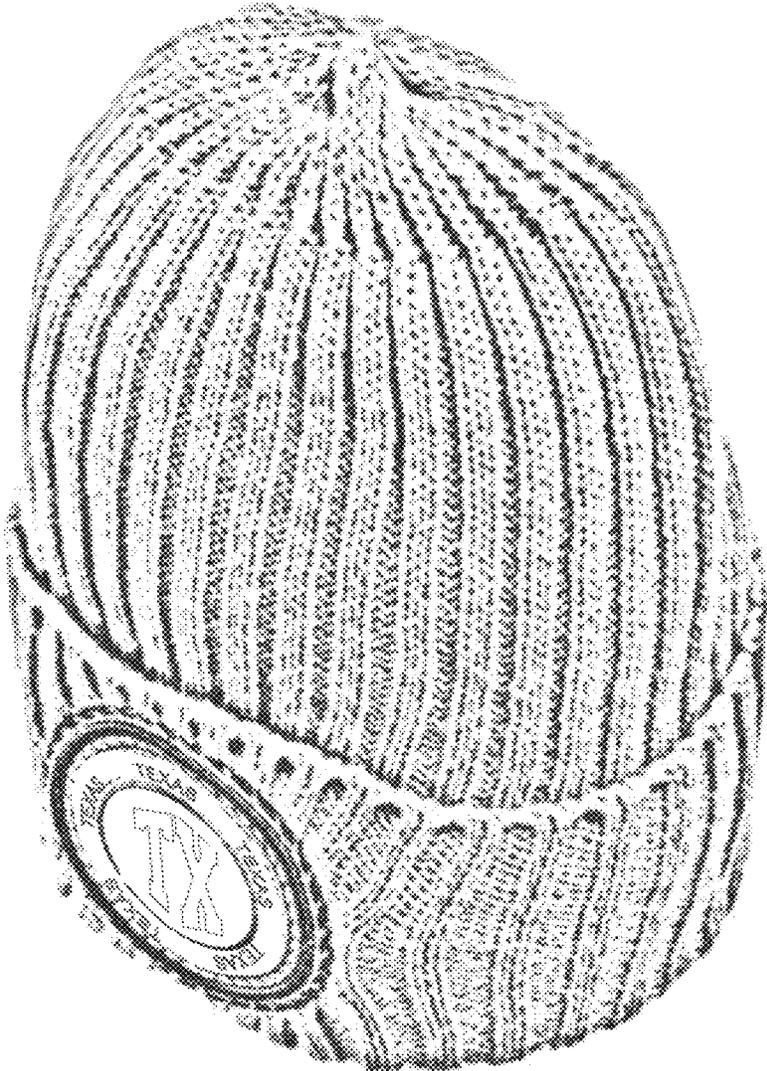


FIG. 217

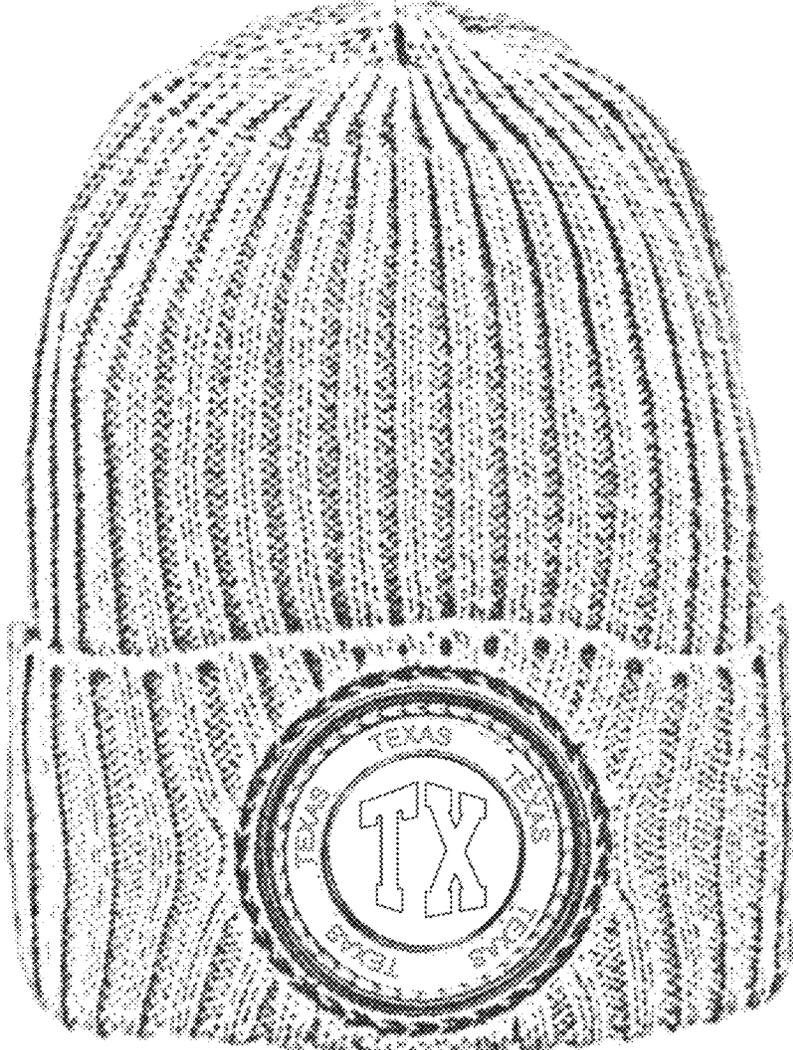


FIG. 218

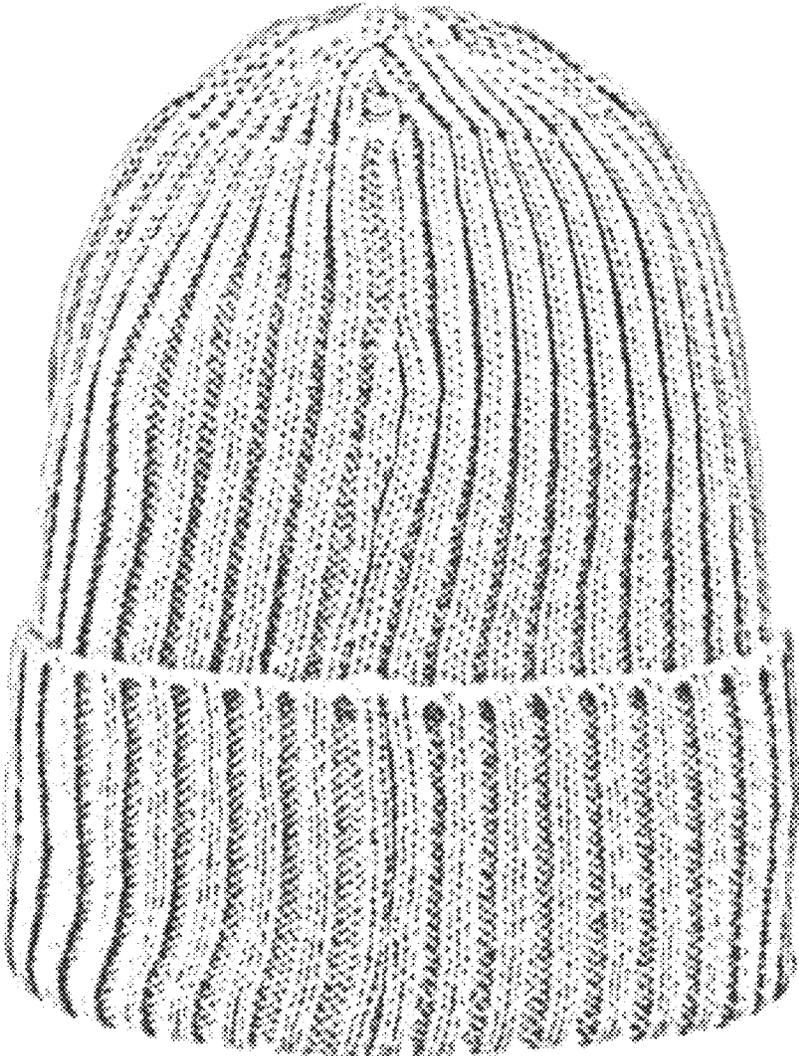


FIG. 219

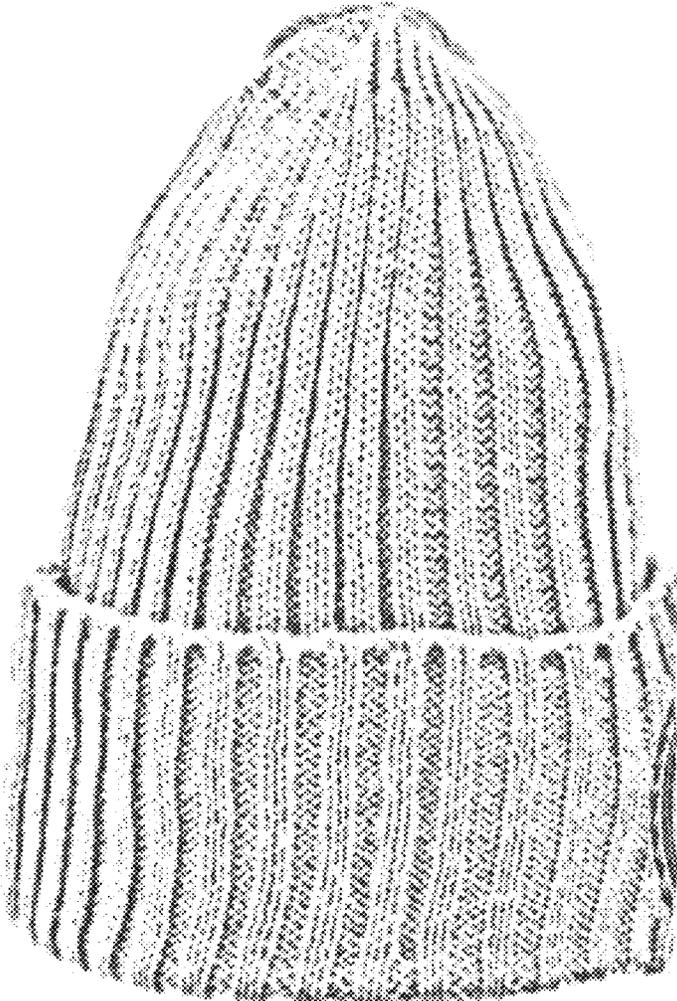


FIG. 220

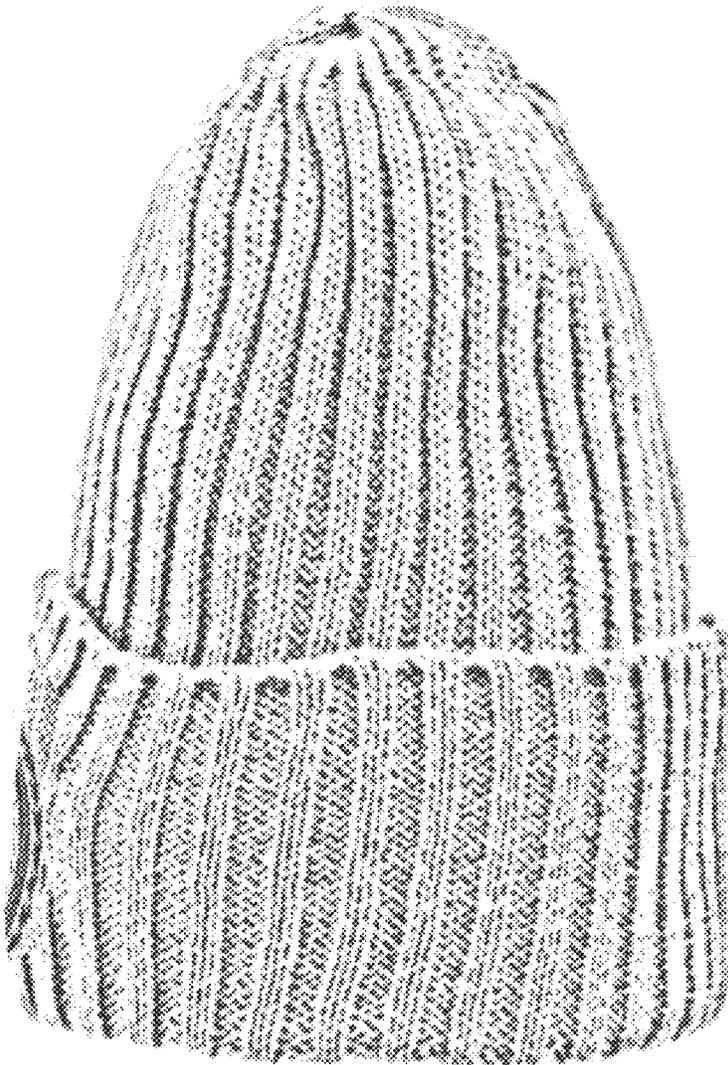


FIG. 221

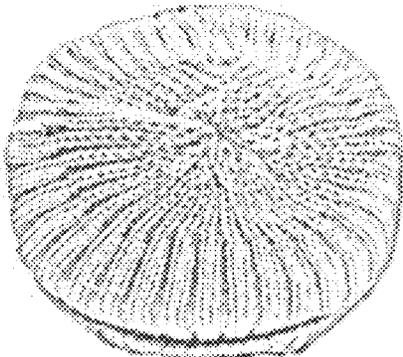


FIG. 222

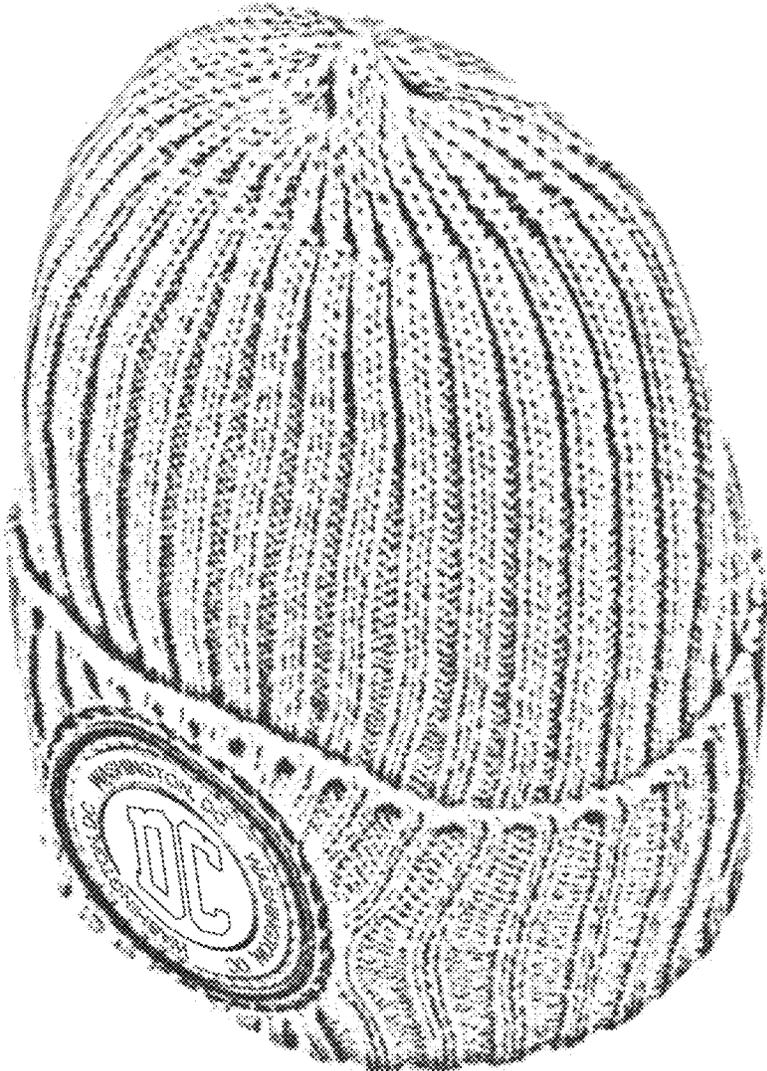


FIG. 223

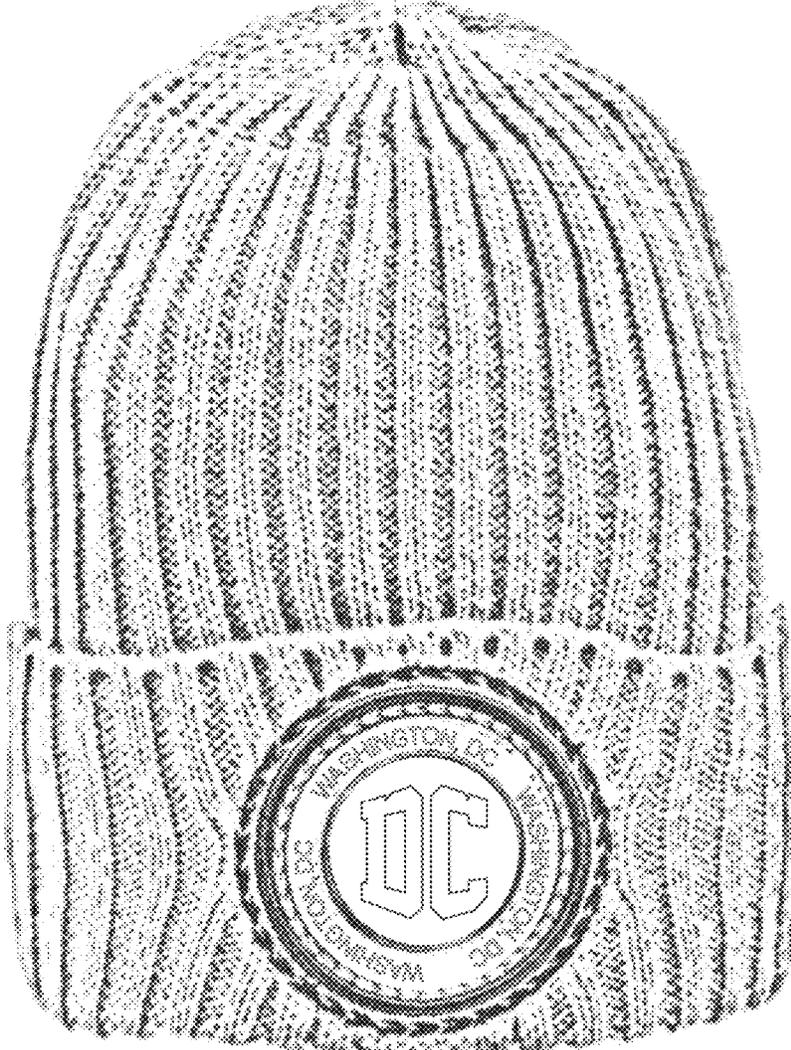


FIG. 224

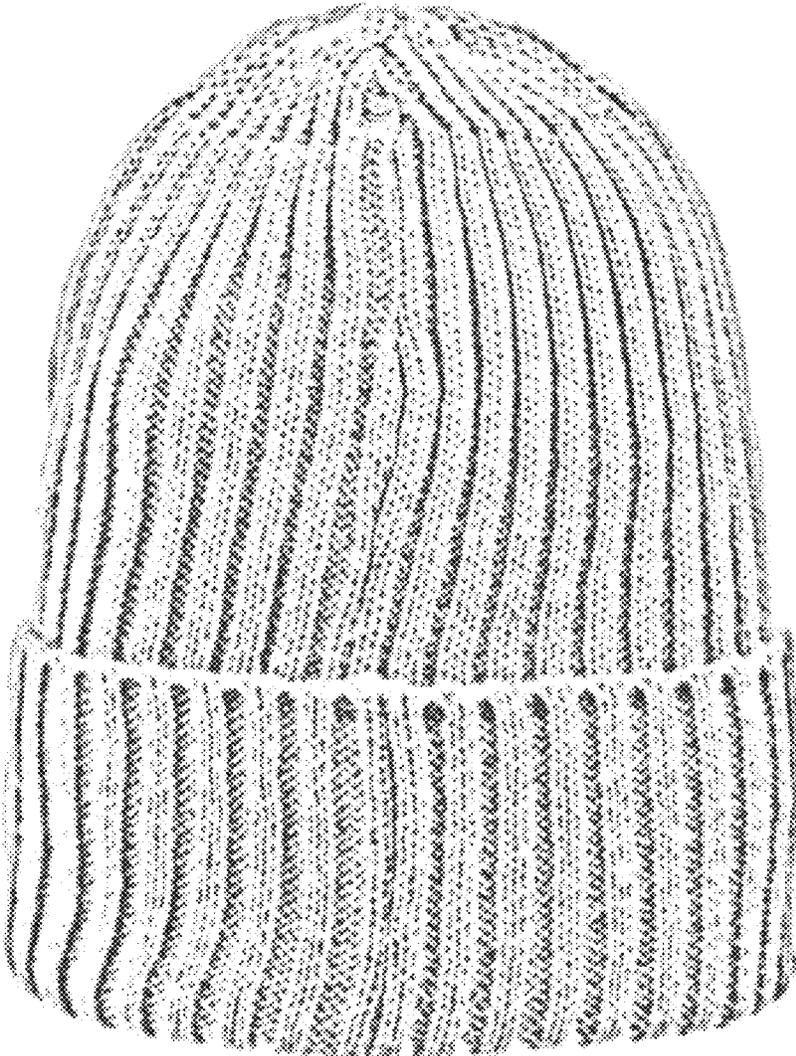


FIG. 225

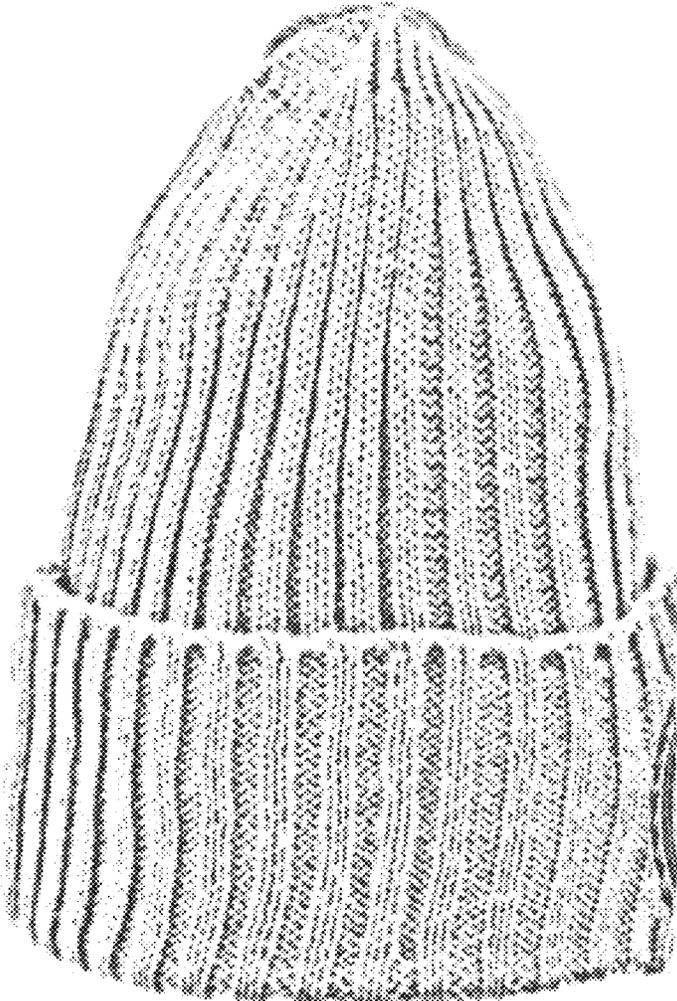


FIG. 226

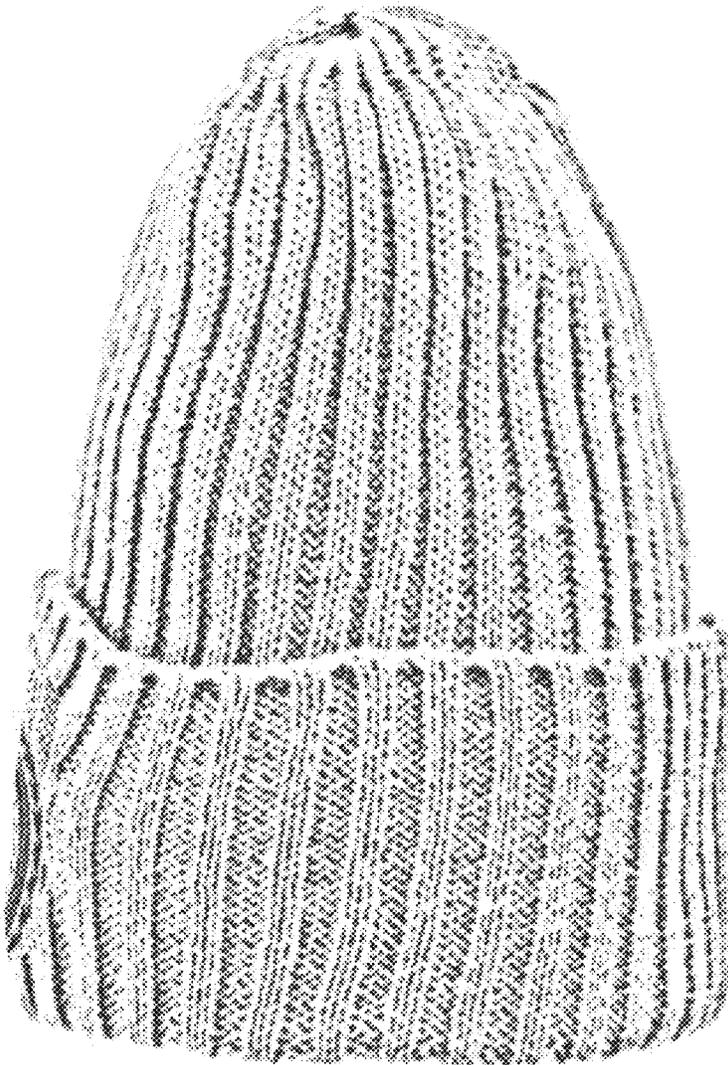


FIG. 227

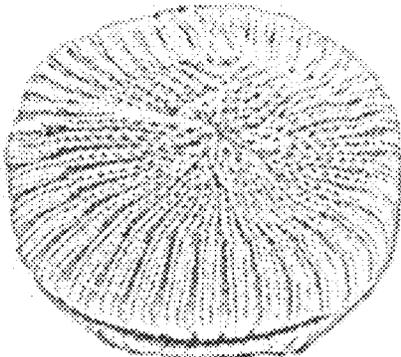


FIG. 228