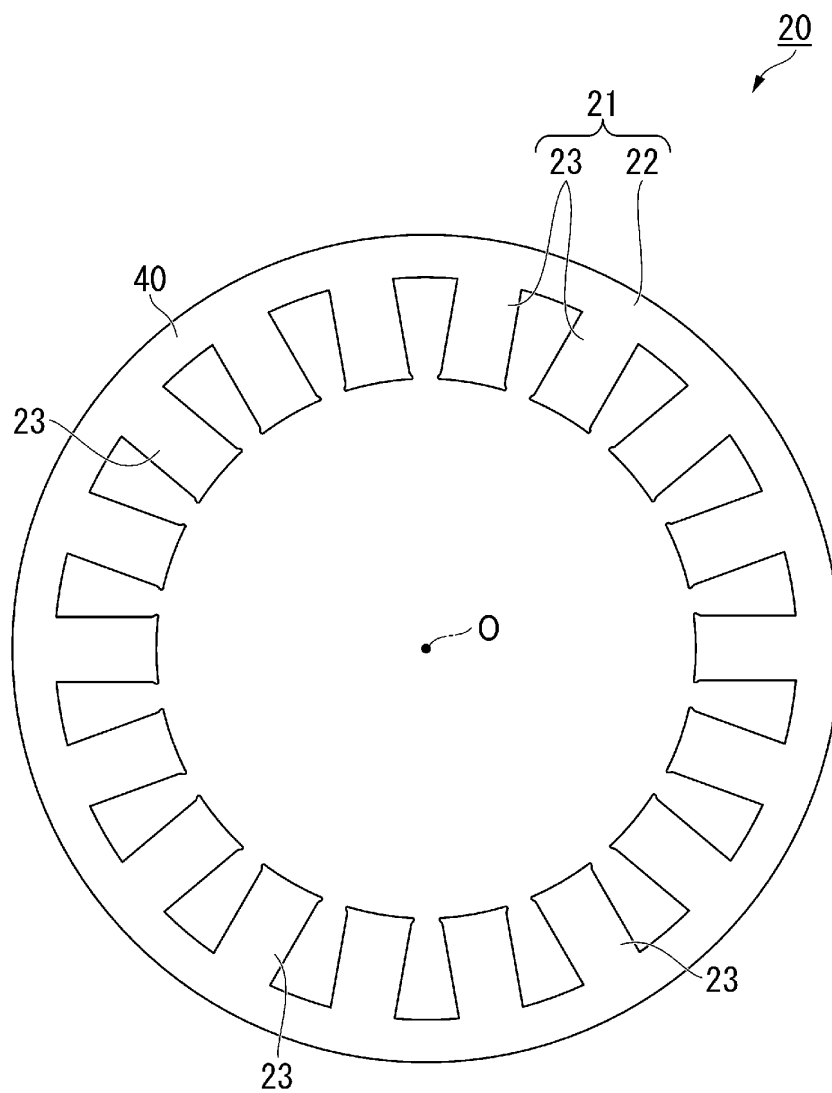
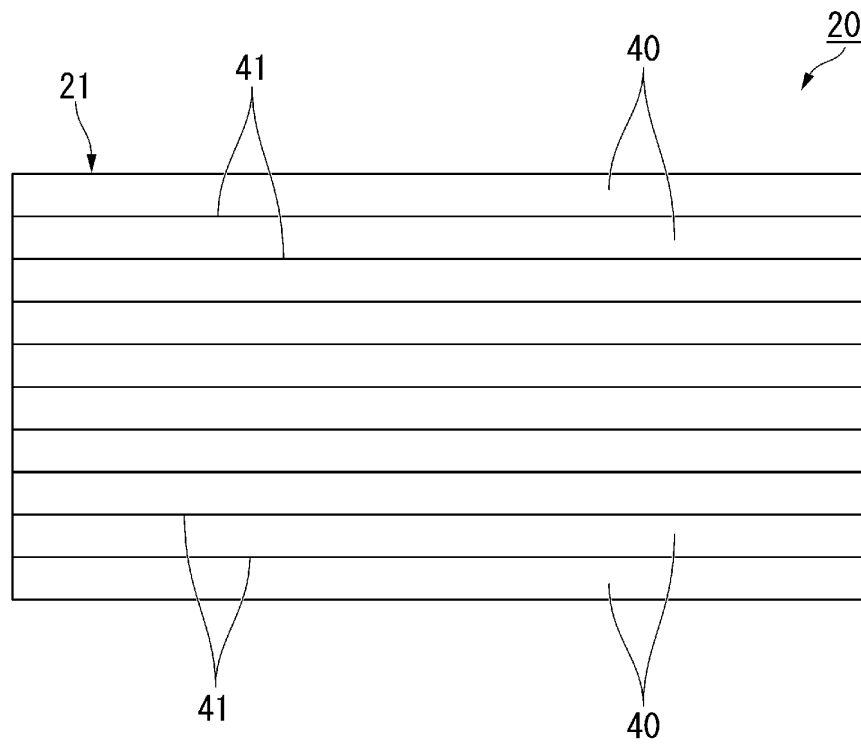




[図2]

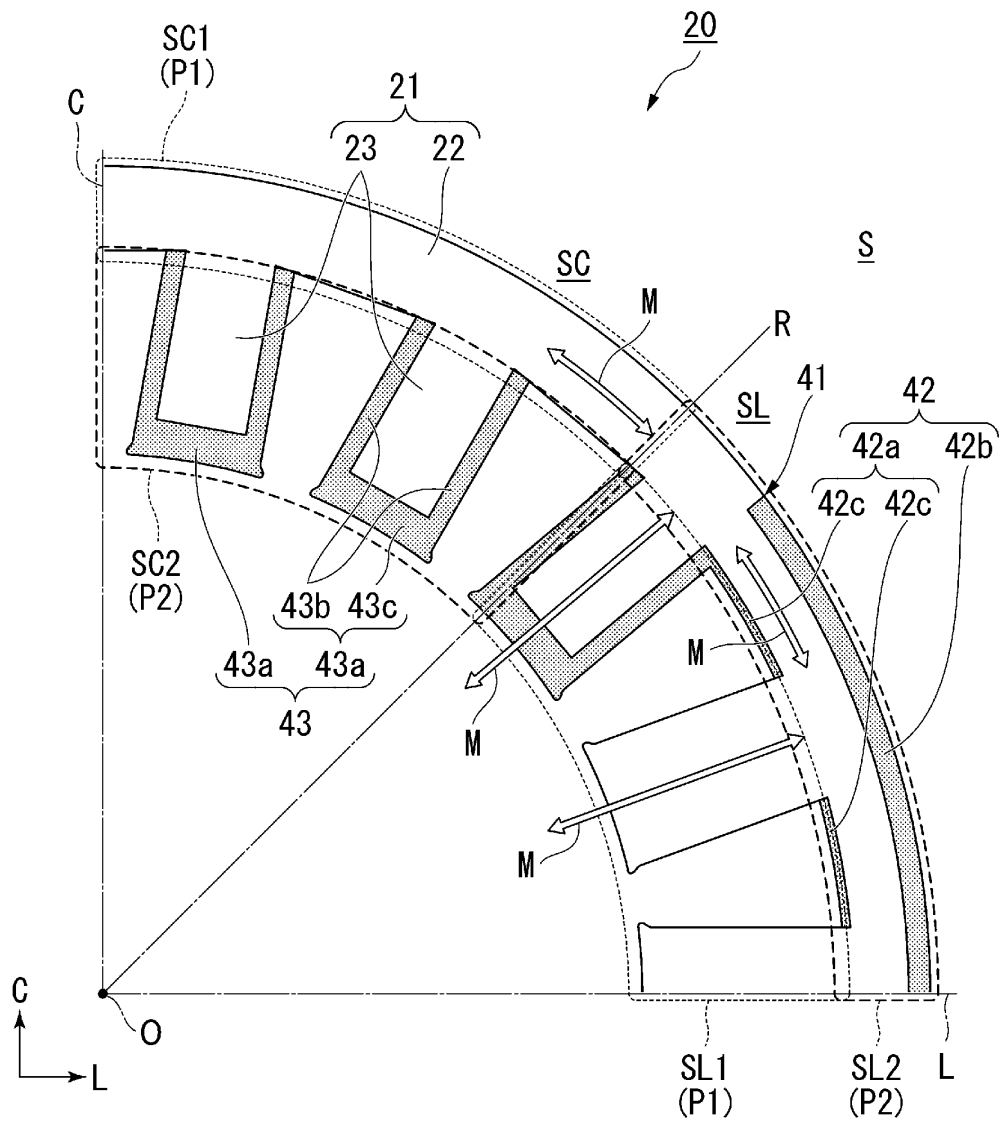


[図3]

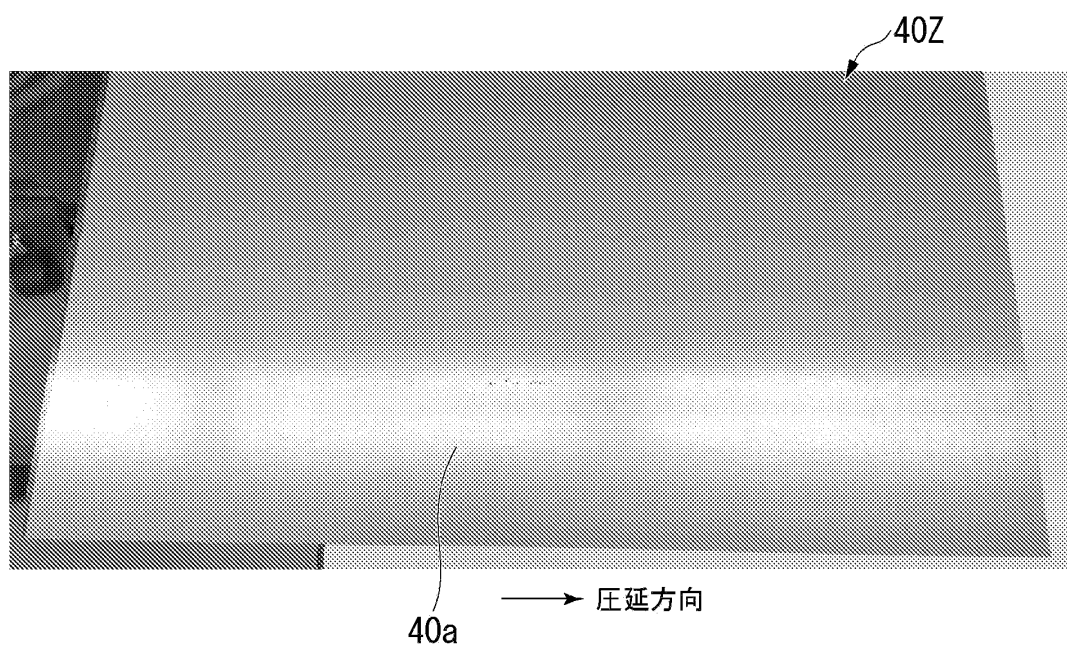




[図5]



[図6]



[図7]

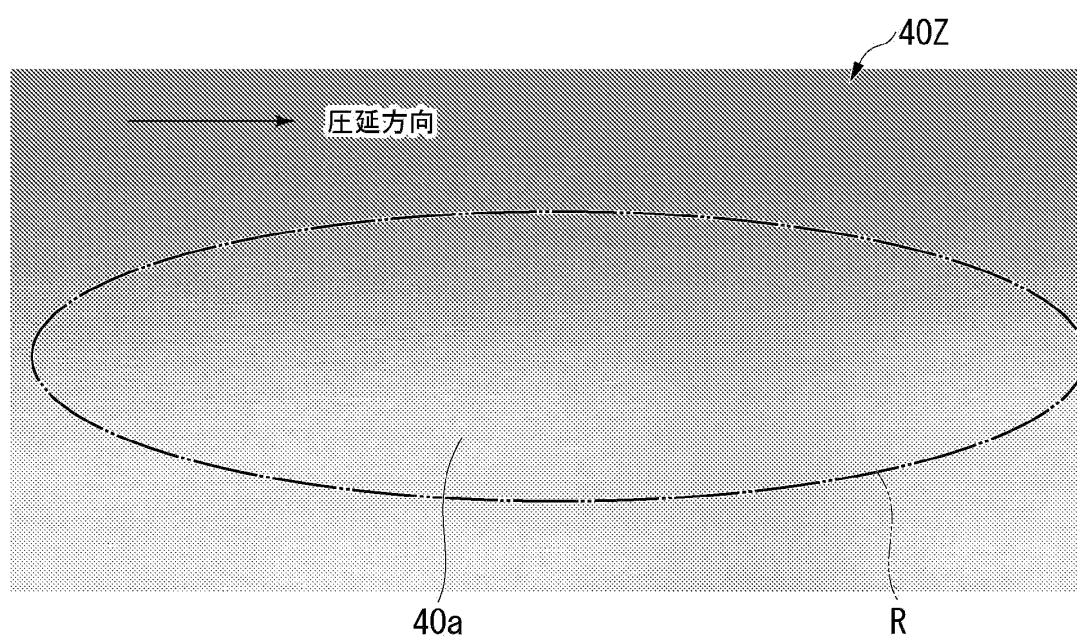
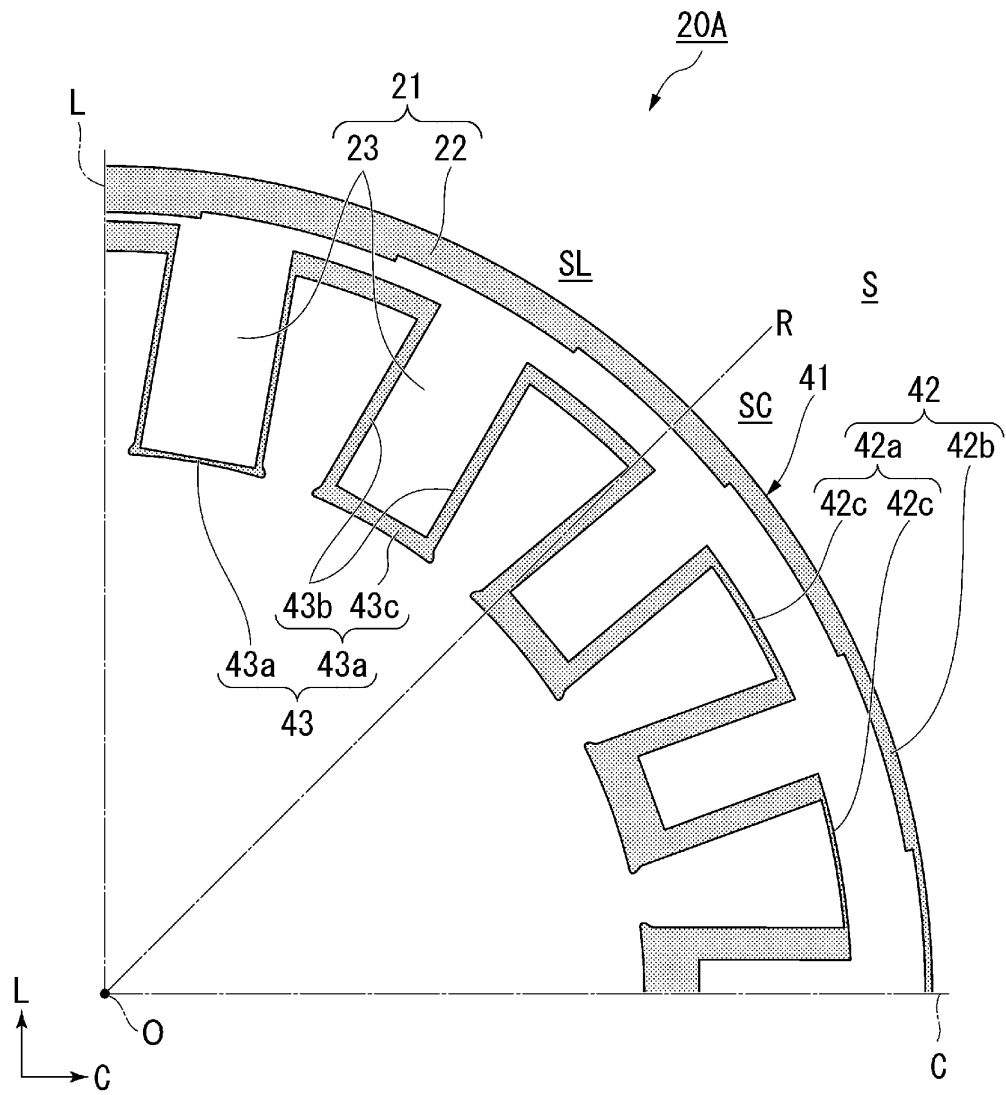
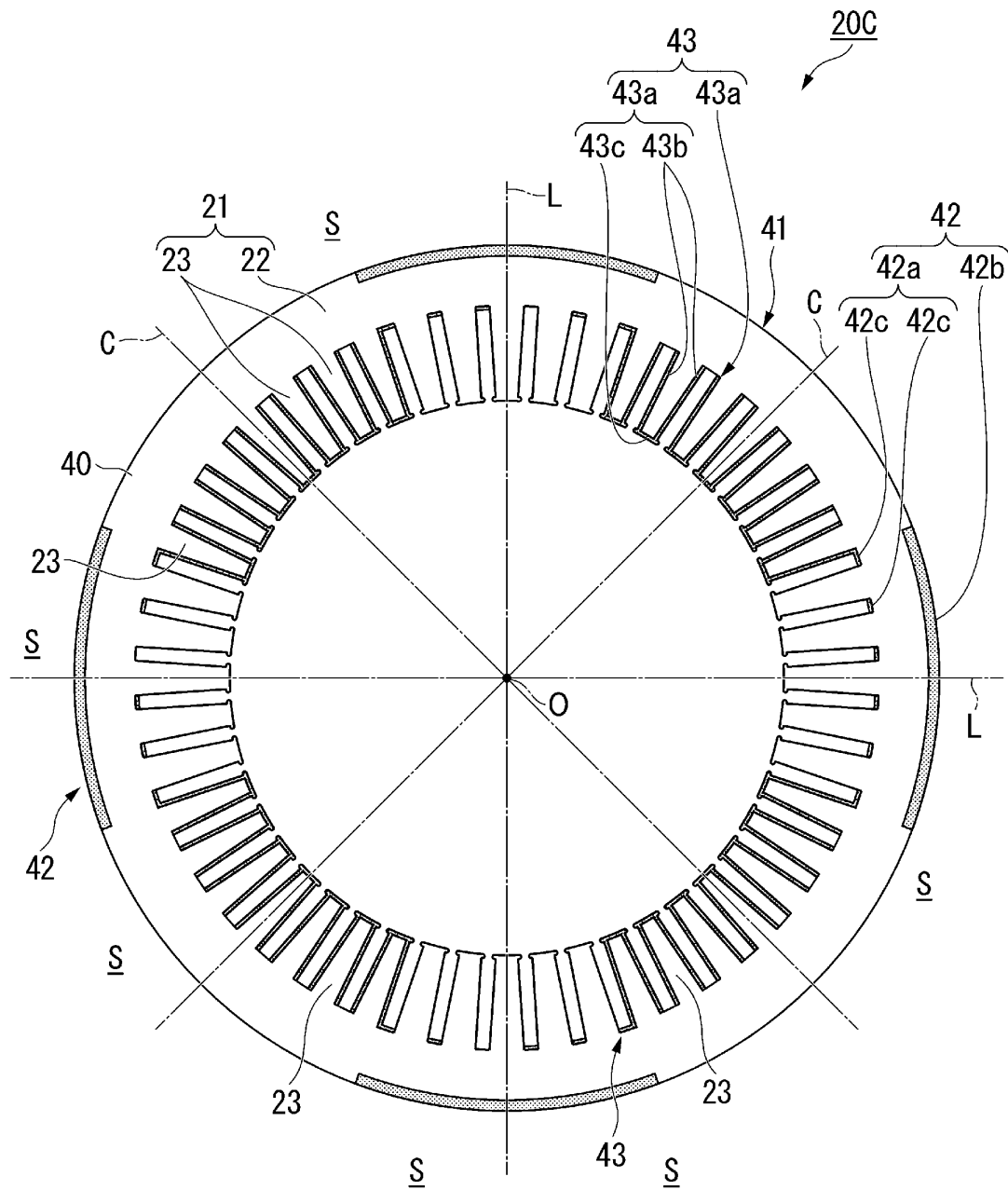


Figure 1 shows a cross-sectional view of a semiconductor device 100. The device includes a substrate 110 with a top surface 120. A first layer 112 is formed on the top surface 120. A second layer 122 is formed on the first layer 112. A third layer 140 is formed on the second layer 122. A fourth layer 145 is formed on the third layer 140. A fifth layer 144 is formed on the fourth layer 145. A sixth layer 142 is formed on the fifth layer 144. A seventh layer 141 is formed on the sixth layer 142. A eighth layer 143 is formed on the seventh layer 141. A ninth layer 21 is formed on the eighth layer 143. A tenth layer 131 is formed on the ninth layer 21. A eleventh layer 130 is formed on the tenth layer 131. A twelfth layer 111 is formed on the eleventh layer 130. A thirteenth layer 121 is formed on the twelfth layer 111. A fourteenth layer 133 is formed on the thirteenth layer 121. A fifteenth layer 134 is formed on the fourteenth layer 133. A sixteenth layer 135 is formed on the fifteenth layer 134. A seventeenth layer 136 is formed on the sixteenth layer 135. An eighteenth layer 137 is formed on the seventeenth layer 136. A nineteenth layer 138 is formed on the eighteenth layer 137. A twentieth layer 139 is formed on the nineteenth layer 138. A twenty-first layer 140 is formed on the twentieth layer 139. A twenty-second layer 141 is formed on the twenty-first layer 140. A twenty-third layer 142 is formed on the twenty-second layer 141. A twenty-fourth layer 143 is formed on the twenty-third layer 142. A twenty-fifth layer 144 is formed on the twenty-fourth layer 143. A twenty-sixth layer 145 is formed on the twenty-fifth layer 144. A twenty-seventh layer 146 is formed on the twenty-sixth layer 145. A twenty-eighth layer 147 is formed on the twenty-seventh layer 146. A twenty-ninth layer 148 is formed on the twenty-eighth layer 147. A thirtieth layer 149 is formed on the twenty-ninth layer 148. A thirty-first layer 150 is formed on the thirtieth layer 149. A thirty-second layer 151 is formed on the thirty-first layer 150. A thirty-third layer 152 is formed on the thirty-second layer 151. A thirty-fourth layer 153 is formed on the thirty-third layer 152. A thirty-fifth layer 154 is formed on the thirty-fourth layer 153. A thirty-sixth layer 155 is formed on the thirty-fifth layer 154. A thirty-seventh layer 156 is formed on the thirty-sixth layer 155. A thirty-eighth layer 157 is formed on the thirty-seventh layer 156. A thirty-ninth layer 158 is formed on the thirty-eighth layer 157. A fortieth layer 159 is formed on the thirty-ninth layer 158. A forty-first layer 160 is formed on the fortieth layer 159. A forty-second layer 161 is formed on the forty-first layer 160. A forty-third layer 162 is formed on the forty-second layer 161. A forty-fourth layer 163 is formed on the forty-third layer 162. A forty-fifth layer 164 is formed on the forty-fourth layer 163. A forty-sixth layer 165 is formed on the forty-fifth layer 164. A forty-seventh layer 166 is formed on the forty-sixth layer 165. A forty-eighth layer 167 is formed on the forty-seventh layer 166. A forty-ninth layer 168 is formed on the forty-eighth layer 167. A fiftieth layer 169 is formed on the forty-ninth layer 168. A fifty-first layer 170 is formed on the fiftieth layer 169. A fifty-second layer 171 is formed on the fifty-first layer 170. A fifty-third layer 172 is formed on the fifty-second layer 171. A fifty-fourth layer 173 is formed on the fifty-third layer 172. A fifty-fifth layer 174 is formed on the fifty-fourth layer 173. A fifty-sixth layer 175 is formed on the fifty-fifth layer 174. A fifty-seventh layer 176 is formed on the fifty-sixth layer 175. A fifty-eighth layer 177 is formed on the fifty-seventh layer 176. A fifty-ninth layer 178 is formed on the fifty-eighth layer 177. A sixtieth layer 179 is formed on the fifty-ninth layer 178. A sixty-first layer 180 is formed on the sixty-first layer 179. A sixty-second layer 181 is formed on the sixty-second layer 180. A sixty-third layer 182 is formed on the sixty-third layer 181. A sixty-fourth layer 183 is formed on the sixty-fourth layer 182. A sixty-fifth layer 184 is formed on the sixty-fifth layer 183. A sixty-sixth layer 185 is formed on the sixty-sixth layer 184. A sixty-seventh layer 186 is formed on the sixty-seventh layer 185. A sixty-eighth layer 187 is formed on the sixty-eighth layer 186. A sixty-ninth layer 188 is formed on the sixty-ninth layer 187. A seventieth layer 189 is formed on the seventieth layer 188. A seventy-first layer 190 is formed on the seventy-first layer 189. A seventy-second layer 191 is formed on the seventy-second layer 190. A seventy-third layer 192 is formed on the seventy-third layer 191. A seventy-fourth layer 193 is formed on the seventy-fourth layer 192. A seventy-fifth layer 194 is formed on the seventy-fifth layer 193. A seventy-sixth layer 195 is formed on the seventy-sixth layer 194. A seventy-seventh layer 196 is formed on the seventy-seventh layer 195. A seventy-eighth layer 197 is formed on the seventy-eighth layer 196. A seventy-ninth layer 198 is formed on the seventy-ninth layer 197. An eightieth layer 199 is formed on the eightieth layer 198. A eighty-first layer 200 is formed on the eighty-first layer 199. A eighty-second layer 201 is formed on the eighty-second layer 200. A eighty-third layer 202 is formed on the eighty-third layer 201. A eighty-fourth layer 203 is formed on the eighty-fourth layer 202. A eighty-fifth layer 204 is formed on the eighty-fifth layer 203. A eighty-sixth layer 205 is formed on the eighty-sixth layer 204. A eighty-seventh layer 206 is formed on the eighty-seventh layer 205. A eighty-eighth layer 207 is formed on the eighty-eighth layer 206. A eighty-ninth layer 208 is formed on the eighty-ninth layer 207. A ninetieth layer 209 is formed on the ninety-th layer 208. A ninety-first layer 210 is formed on the ninety-first layer 209. A ninety-second layer 211 is formed on the ninety-second layer 210. A ninety-third layer 212 is formed on the ninety-third layer 211. A ninety-fourth layer 213 is formed on the ninety-fourth layer 212. A ninety-fifth layer 214 is formed on the ninety-fifth layer 213. A ninety-sixth layer 215 is formed on the ninety-sixth layer 214. A ninety-seventh layer 216 is formed on the ninety-seventh layer 215. A ninety-eighth layer 217 is formed on the ninety-eighth layer 216. A ninety-ninth layer 218 is formed on the ninety-ninth layer 217. A one-hundredth layer 219 is formed on the one-hundredth layer 218. A one-hundred-and-first layer 220 is formed on the one-hundred-and-first layer 219. A one-hundred-and-second layer 221 is formed on the one-hundred-and-second layer 220. A one-hundred-and-third layer 222 is formed on the one-hundred-and-third layer 221. A one-hundred-and-fourth layer 223 is formed on the one-hundred-and-fourth layer 222. A one-hundred-and-fifth layer 224 is formed on the one-hundred-and-fifth layer 223. A one-hundred-and-sixth layer 225 is formed on the one-hundred-and-sixth layer 224. A one-hundred-and-seventh layer 226 is formed on the one-hundred-and-seventh layer 225. A one-hundred-and-eighth layer 227 is formed on the one-hundred-and-eighth layer 226. A one-hundred-and-ninth layer 228 is formed on the one-hundred-and-ninth layer 227. A one-hundred-and-tenth layer 229 is formed on the one-hundred-and-tenth layer 228. A one-hundred-and-eleventh layer 230 is formed on the one-hundred-and-eleventh layer 229. A one-hundred-and-twelfth layer 231 is formed on the one-hundred-and-twelfth layer 230. A one-hundred-and-thirteenth layer 232 is formed on the one-hundred-and-thirteenth layer 231. A one-hundred-and-fourteenth layer 233 is formed on the one-hundred-and-fourteenth layer 232. A one-hundred-and-fifteenth layer 234 is formed on the one-hundred-and-fifteenth layer 233. A one-hundred-and-sixteenth layer 235 is formed on the one-hundred-and-sixteenth layer 234. A one-hundred-and-seventeenth layer 236 is formed on the one-hundred-and-seventeenth layer 235. A one-hundred-and-eighteenth layer 237 is formed on the one-hundred-and-eighteenth layer 236. A one-hundred-and-nineteenth layer 238 is formed on the one-hundred-and-nineteenth layer 237. A one-hundred-and-twentieth layer 239 is formed on the one-hundred-and-twentieth layer 238. A one-hundred-and-twenty-first layer 240 is formed on the one-hundred-and-twenty-first layer 239. A one-hundred-and-twenty-second layer 241 is formed on the one-hundred-and-twenty-second layer 240. A one-hundred-and-twenty-third layer 242 is formed on the one-hundred-and-twenty-third layer 241. A one-hundred-and-twenty-fourth layer 243 is formed on the one-hundred-and-twenty-fourth layer 242. A one-hundred-and-twenty-fifth layer 244 is formed on the one-hundred-and-twenty-fifth layer 243. A one-hundred-and-twenty-sixth layer 245 is formed on the one-hundred-and-twenty-sixth layer 244. A one-hundred-and-twenty-seventh layer 246 is formed on the one-hundred-and-twenty-seventh layer 245. A one-hundred-and-twenty-eighth layer 247 is formed on the one-hundred-and-twenty-eighth layer 246. A one-hundred-and-twenty-ninth layer 248 is formed on the one-hundred-and-twenty-ninth layer 247. A one-hundred-and-thirtieth layer 249 is formed on the one-hundred-and-thirtieth layer 248. A one-hundred-and-thirty-first layer 250 is formed on the one-hundred-and-thirty-first layer 249. A one-hundred-and-thirty-second layer 251 is formed on the one-hundred-and-thirty-second layer 250. A one-hundred-and-thirty-third layer 252 is formed on the one-hundred-and-thirty-third layer 251. A one-hundred-and-thirty-fourth layer 253 is formed on the one-hundred-and-thirty-fourth layer 252. A one-hundred-and-thirty-fifth layer 254 is formed on the one-hundred-and-thirty-fifth layer 253. A one-hundred-and-thirty-sixth layer 255 is formed on the one-hundred-and-thirty-sixth layer 254. A one-hundred-and-thirty-seventh layer 256 is formed on the one-hundred-and-thirty-seventh layer 255. A one-hundred-and-thirty-eighth layer 257 is formed on the one-hundred-and-thirty-eighth layer 256. A one-hundred-and-thirty-ninth layer 258 is formed on the one-hundred-and-thirty-ninth layer 257. A one-hundred-and-fortieth layer 259 is formed on the one-hundred-and-fortieth layer 258. A one-hundred-and-forty-first layer 260 is formed on the one-hundred-and-forty-first layer 259. A one-hundred-and-forty-second layer 261 is formed on the one-hundred-and-forty-second layer 260. A one-hundred-and-forty-third layer 262 is formed on the one-hundred-and-forty-third layer 261. A one-hundred-and-forty-fourth layer 263 is formed on the one-hundred-and-forty-fourth layer 262. A one-hundred-and-forty-fifth layer 264 is formed on the one-hundred-and-forty-fifth layer 263. A one-hundred-and-forty-sixth layer 265 is formed on the one-hundred-and-forty-sixth layer 264. A one-hundred-and-forty-seventh layer 266 is formed on the one-hundred-and-forty-seventh layer 265. A one-hundred-and-forty-eighth layer 267 is formed on the one-hundred-and-forty-eighth layer 266. A one-hundred-and-forty-ninth layer 268 is formed on the one-hundred-and-forty-ninth layer 267. A one-hundred-and-fiftieth layer 269 is formed on the one-hundred-and-fiftieth layer 268. A one-hundred-and-fifty-first layer 270 is formed on the one-hundred-and-fifty-first layer 269. A one-hundred-and-fifty-second layer 271 is formed on the one-hundred-and-fifty-second layer 270. A one-hundred-and-fifty-third layer 272 is formed on the one-hundred-and-fifty-third layer 271. A one-hundred-and-fifty-fourth layer 273 is formed on the one-hundred-and-fifty-fourth layer 272. A one-hundred-and-fifty-fifth layer 274 is formed on the one-hundred-and-fifty-fifth layer 273. A one-hundred-and-fifty-sixth layer 275 is formed on the one-hundred-and-fifty-sixth layer 274. A one-hundred-and-fifty-seventh layer 276 is formed on the one-hundred-and-fifty-seventh layer 275. A one-hundred-and-fifty-eighth layer 277 is formed on the one-hundred-and-fifty-eighth layer 276. A one-hundred-and-fifty-ninth layer 278 is formed on the one-hundred-and-fifty-ninth layer 277. A one-hundred-and-sixtieth layer 279 is formed on the one-hundred-and-sixtieth layer 278. A one-hundred-and-sixty-first layer 280 is formed on the one-hundred-and-sixty-first layer 279. A one-hundred-and-sixty-second layer 281 is formed on the one-hundred-and-sixty-second layer 280. A one-hundred-and-sixty-third layer 282 is formed on the one-hundred-and-sixty-third layer 281. A one-hundred-and-sixty-fourth layer 283 is formed on the one-hundred-and-sixty-fourth layer

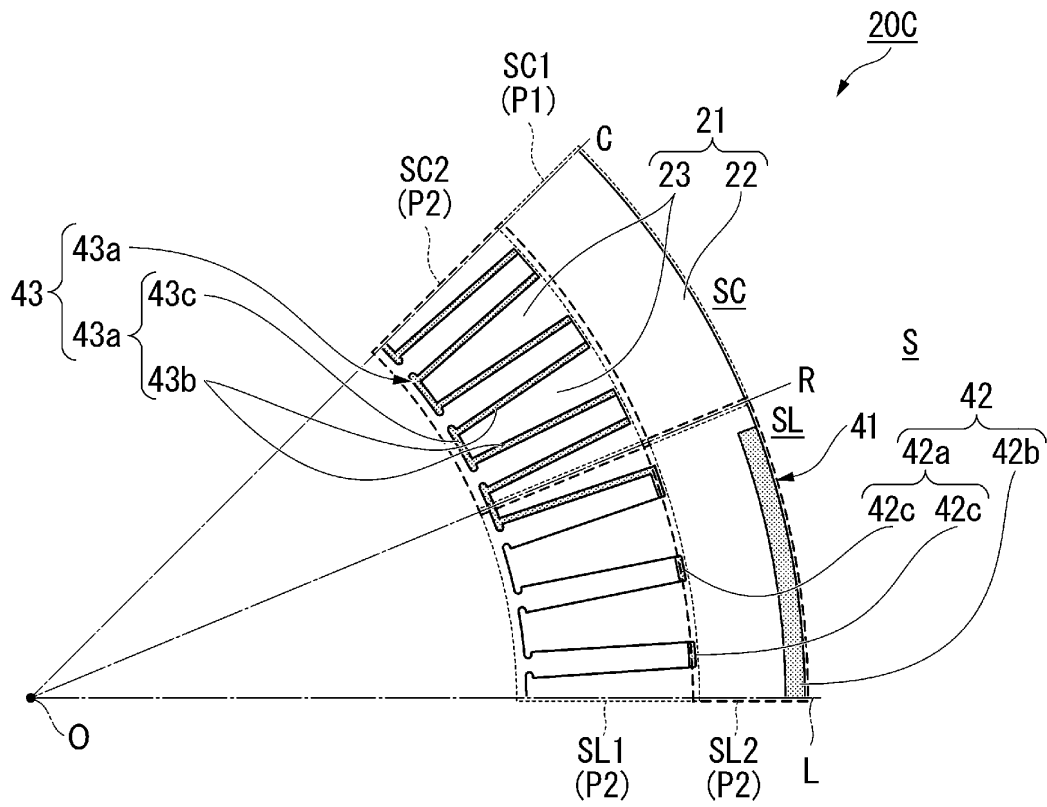
[図9]



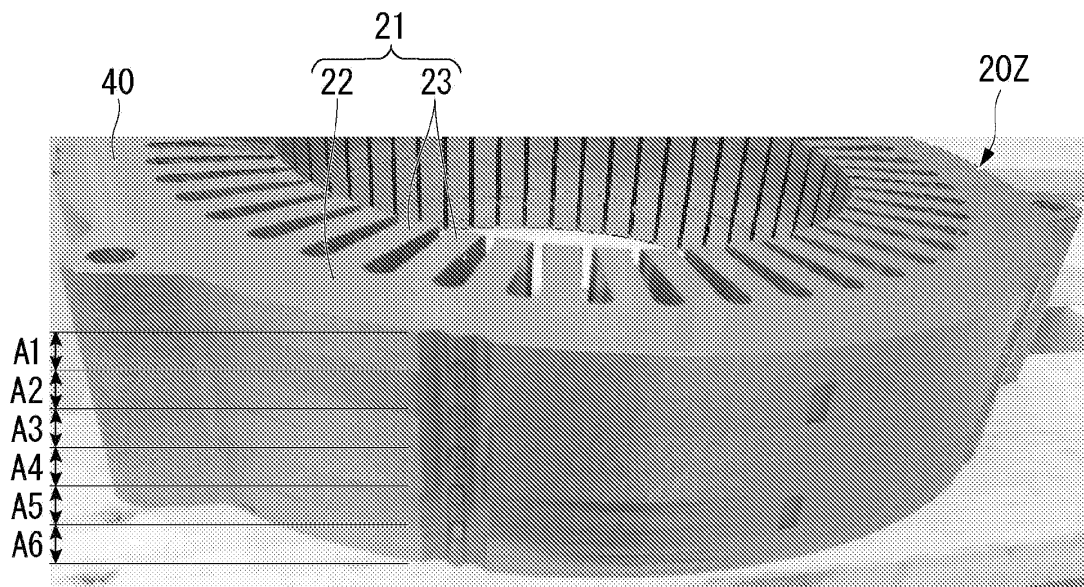
[図10]



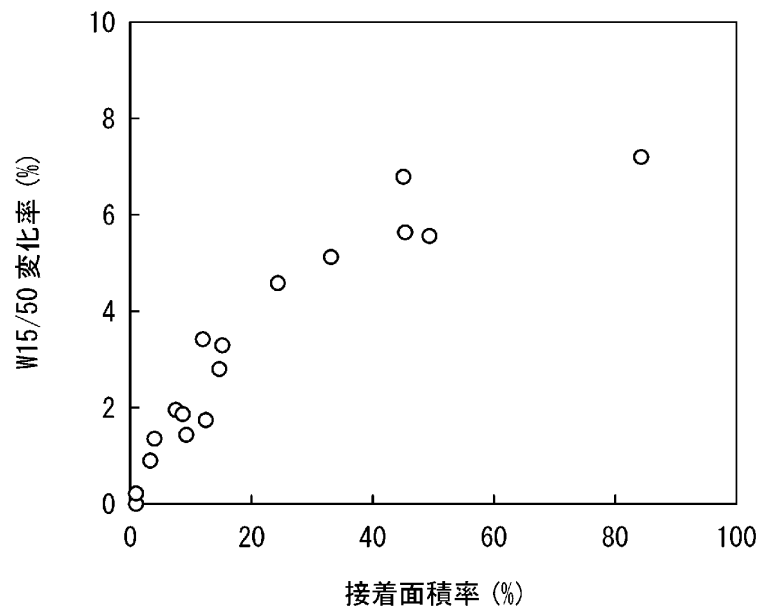
[図11]



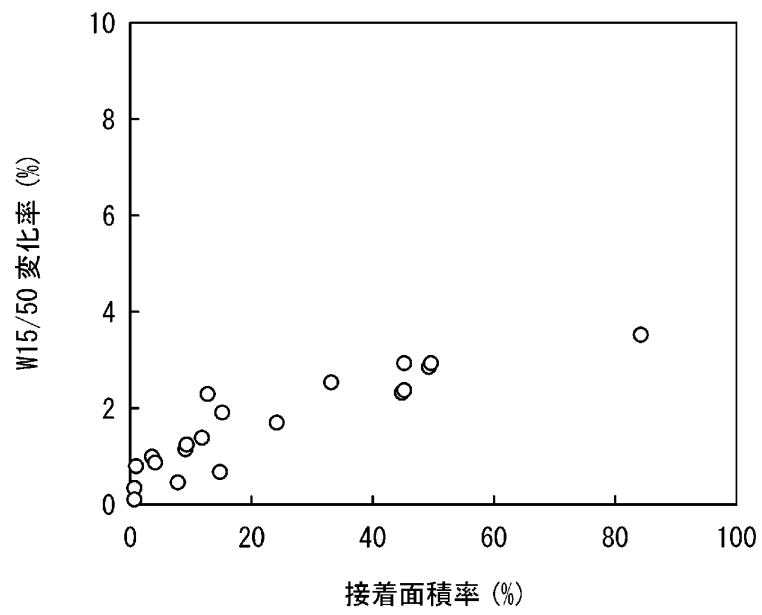
[図12]



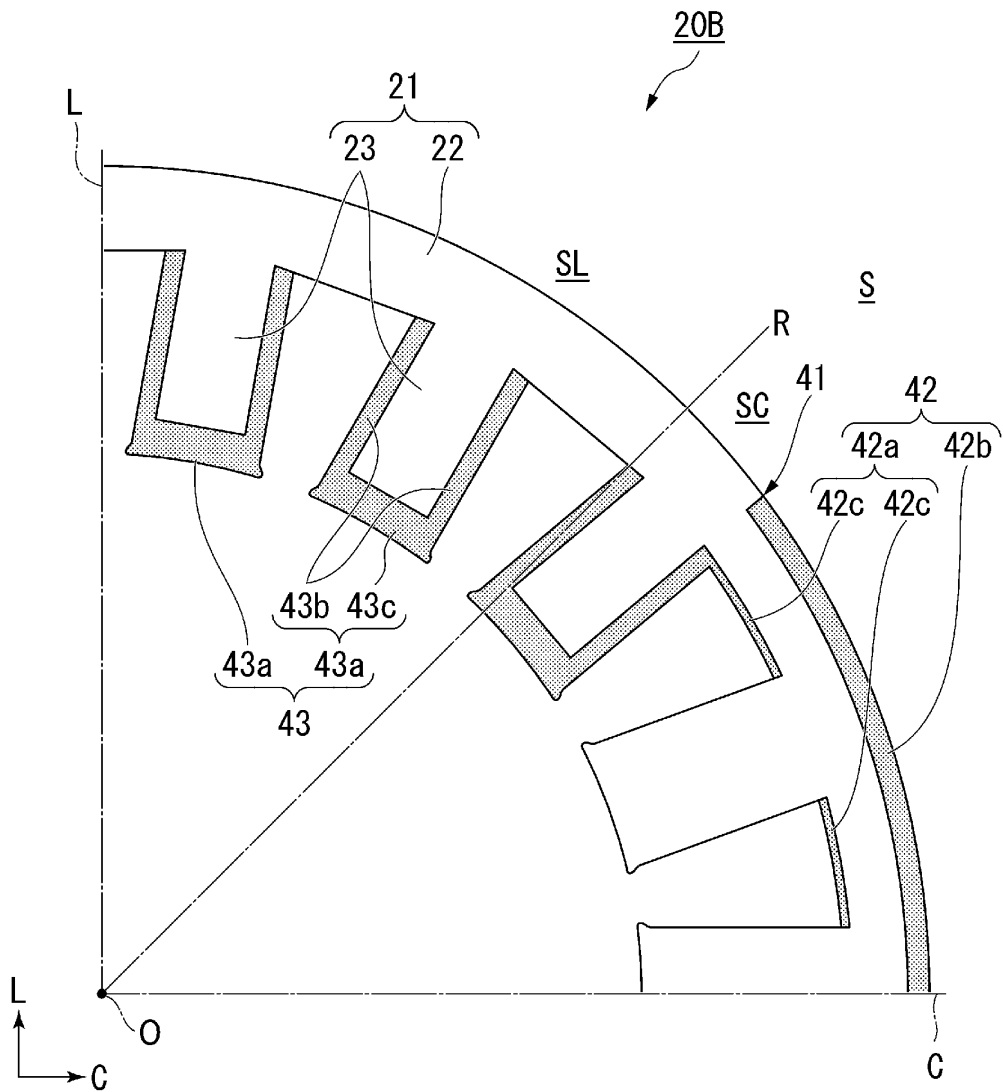
[図13]



[図14]



[図15]



[図16]

