

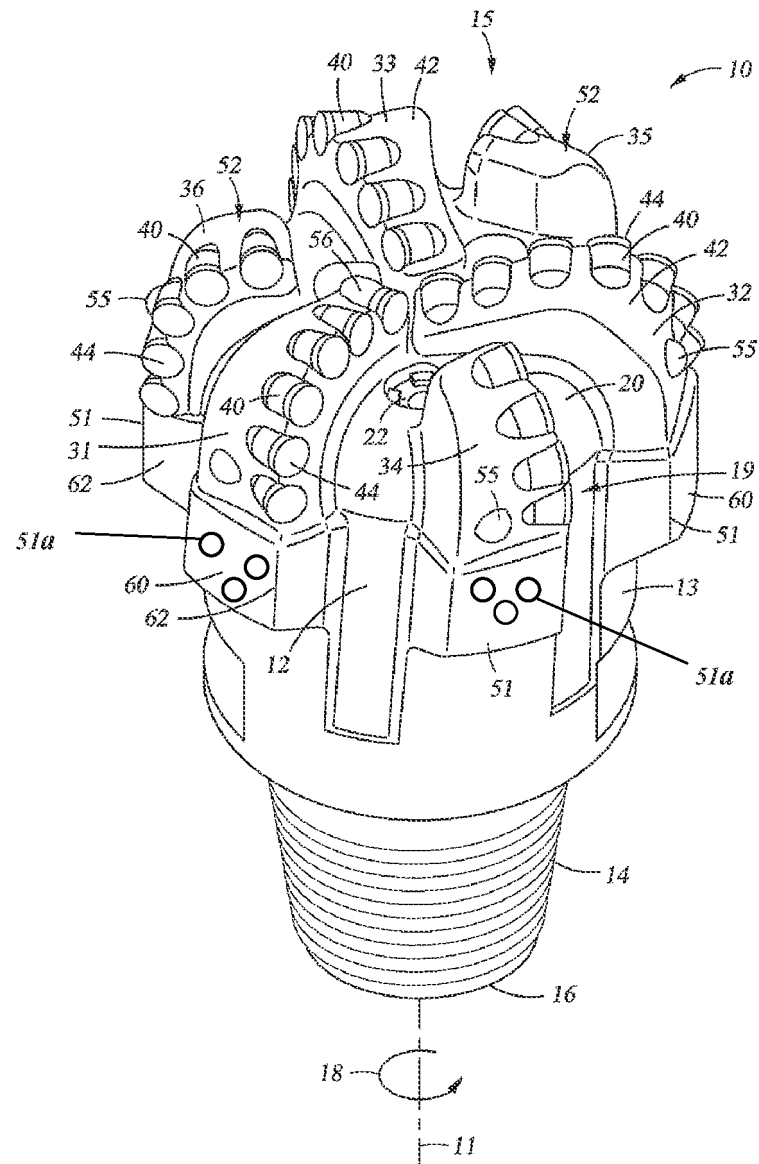


Figure 1

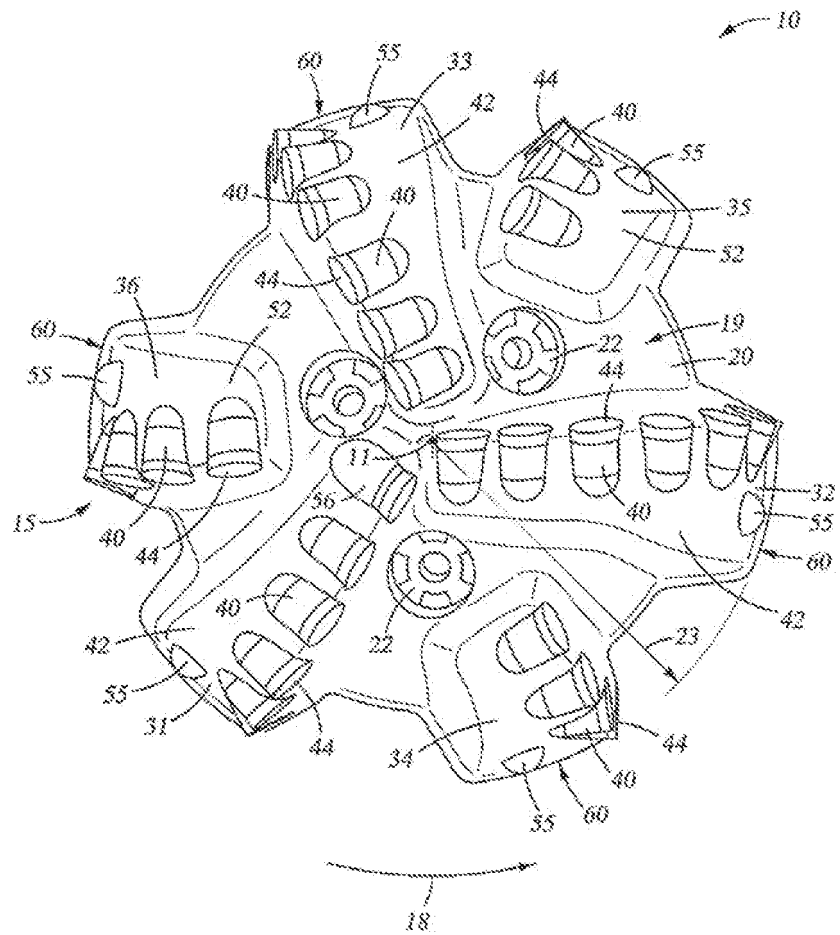


Figure 2

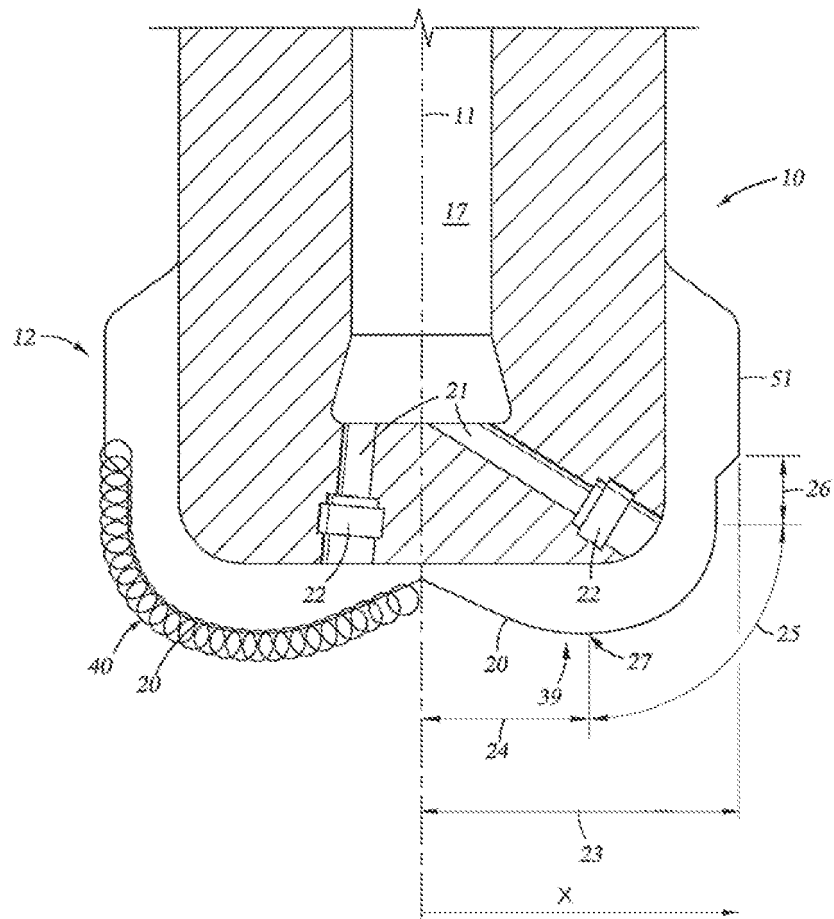


Figure 3

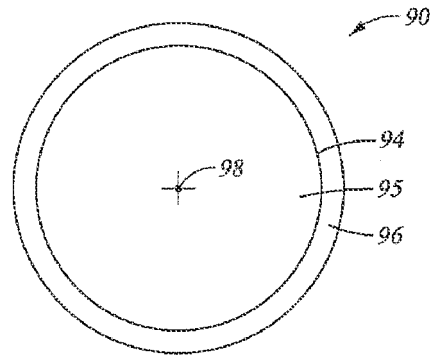


Figure 4a

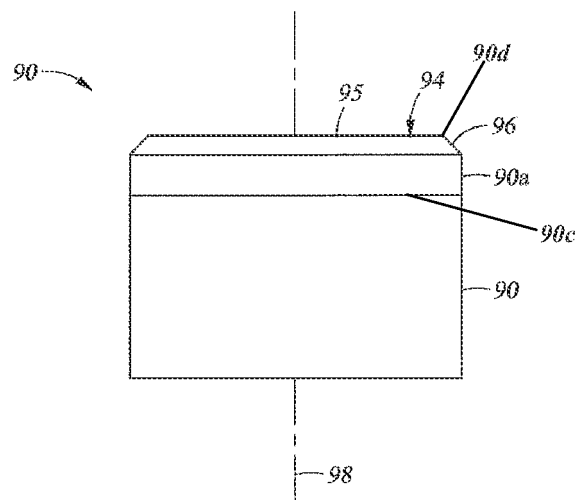


Figure 4b

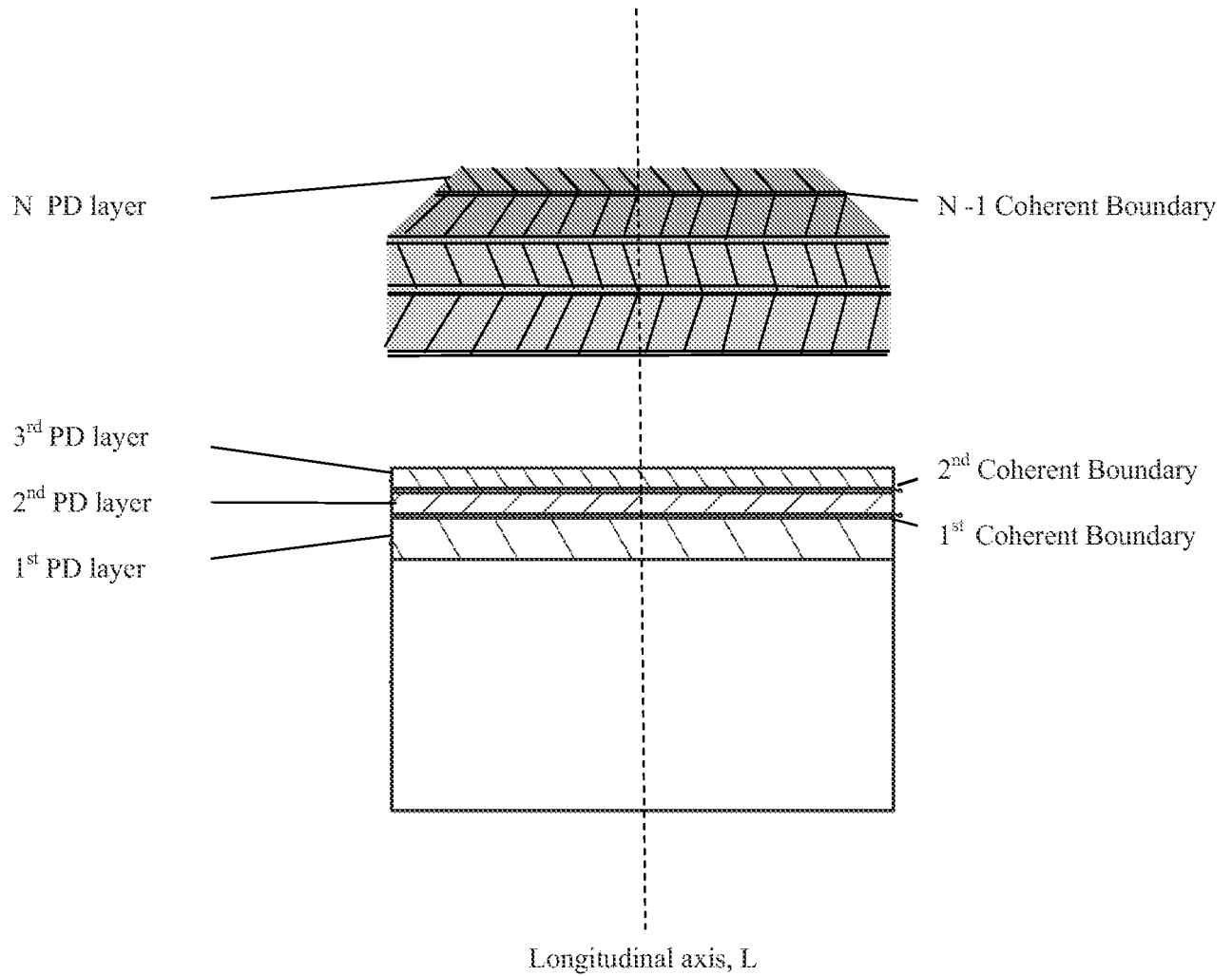


Figure 5

Figure 6a

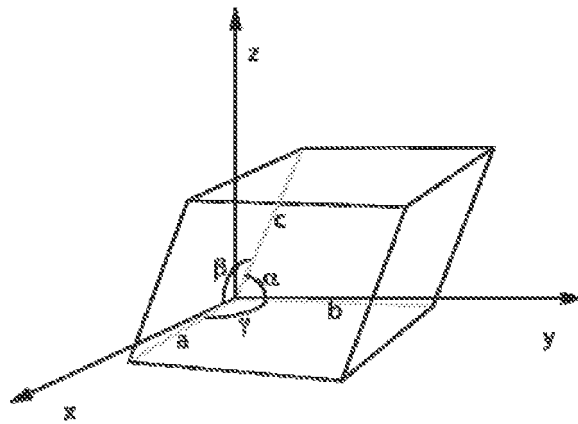


Figure 6b

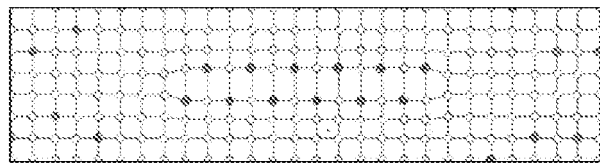
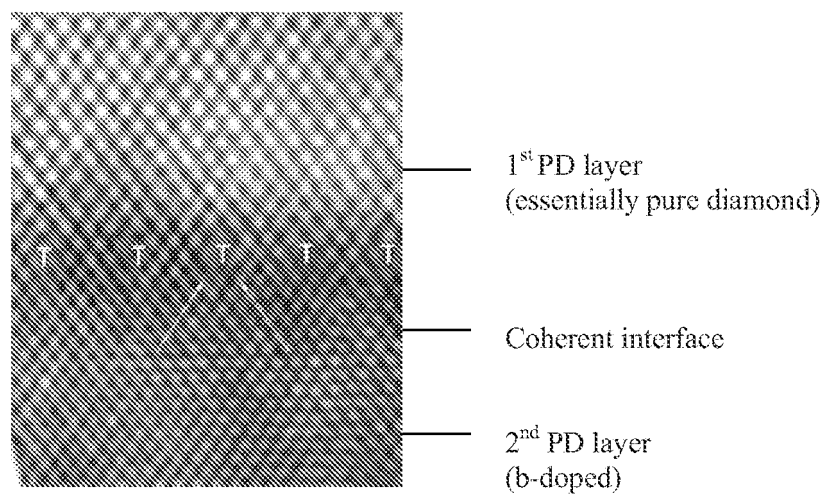


Figure 6c



7/9

Figure 7a

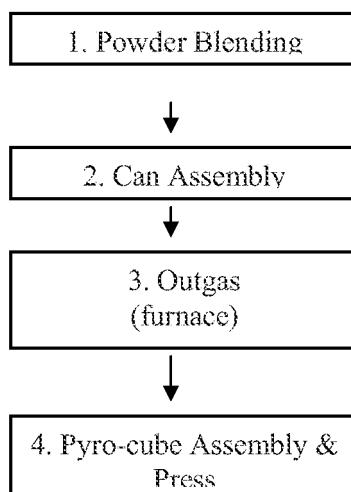


Figure 7b

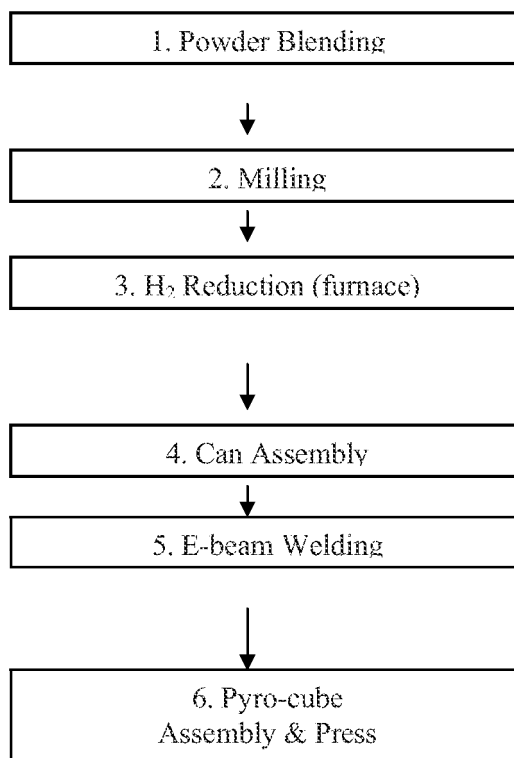


Figure 8a

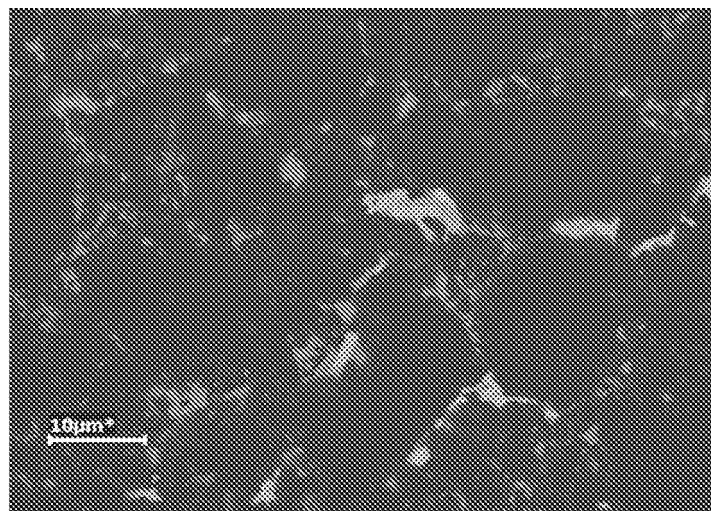


Figure 8b

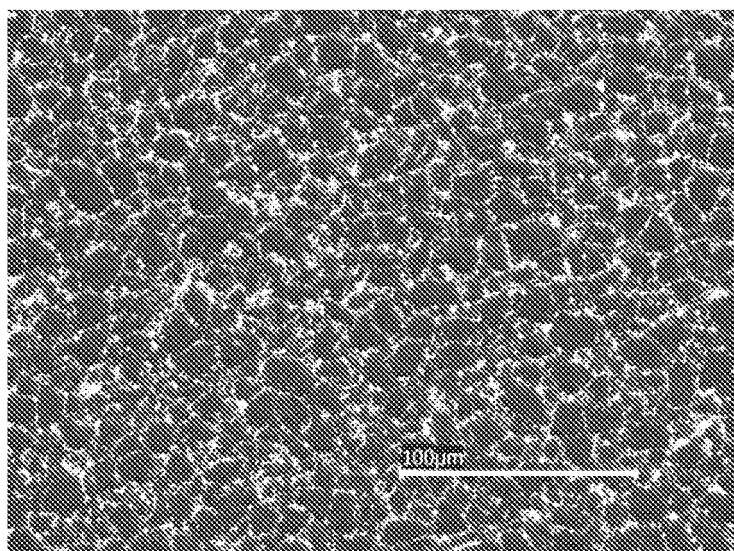
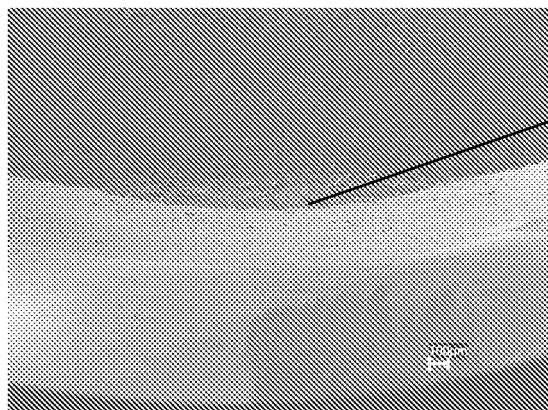
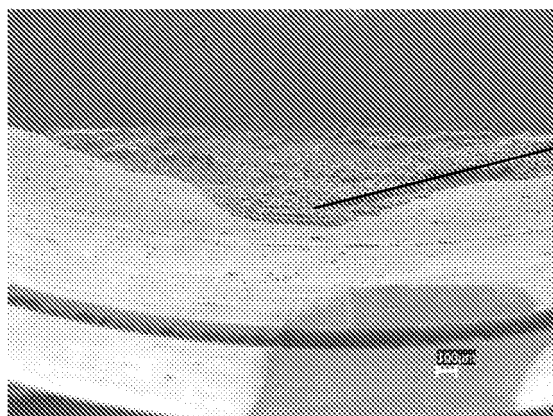


Figure 9a



Wear scar on a
B-doped PDC cutter

Figure 9b



Wear scar on an
undoped conventional
PDC cutter