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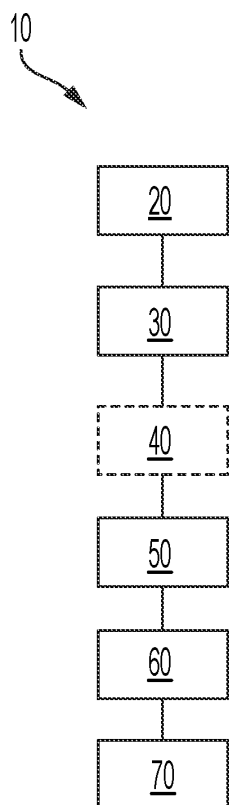


FIG. 1

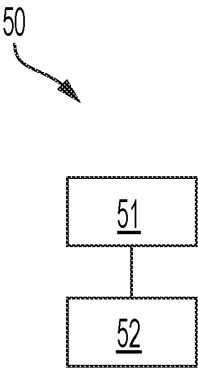


FIG. 2

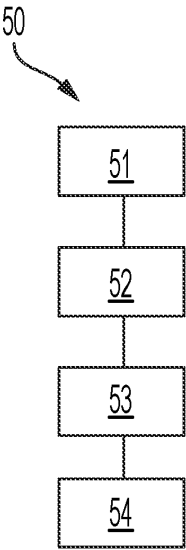


FIG. 3

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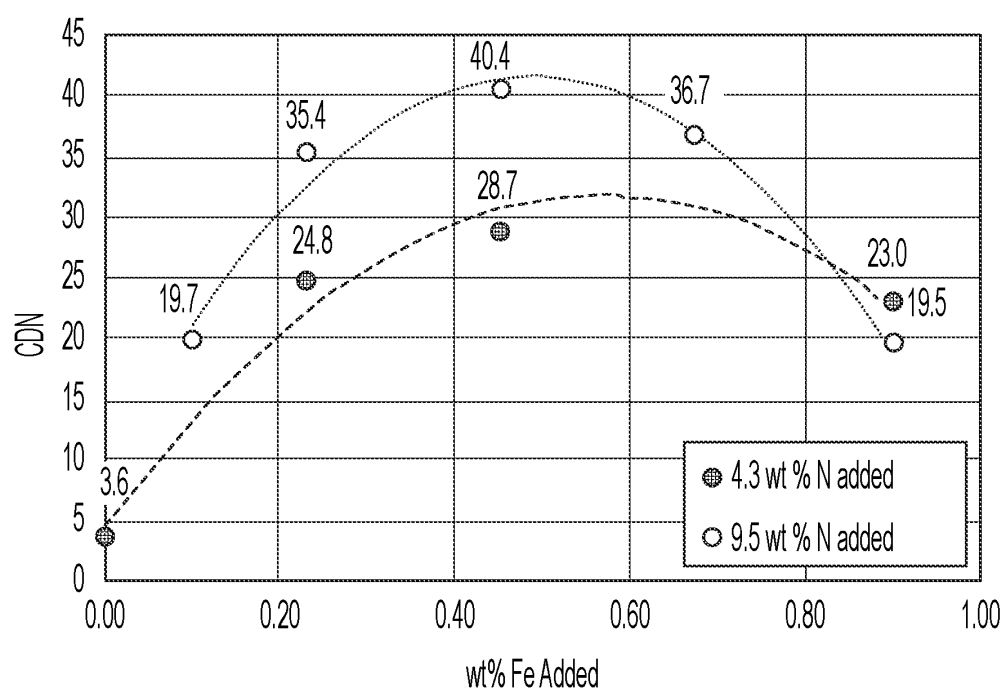
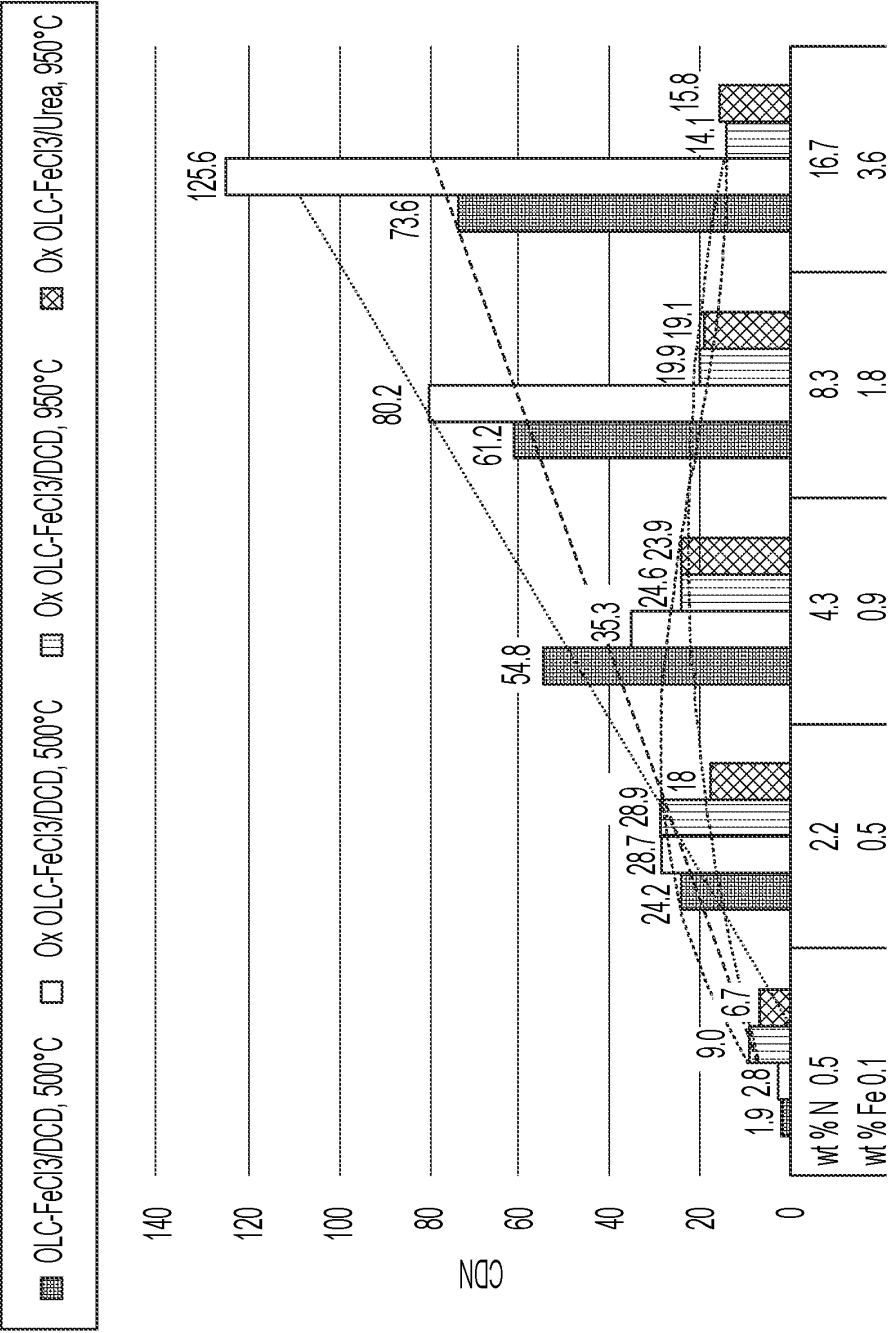
CDN vs. Fe-N Dopant Amounts(FeCl₃/Urea) for Oxidized OLC at 950 °C, Fixed wt% N Levels

FIG. 4

Summary of CDN for Fe-N Doped OLC and Ox OLC Activated Carbon



Fe & N Concentrations of AC (Prior to Calcination)

FIG. 5

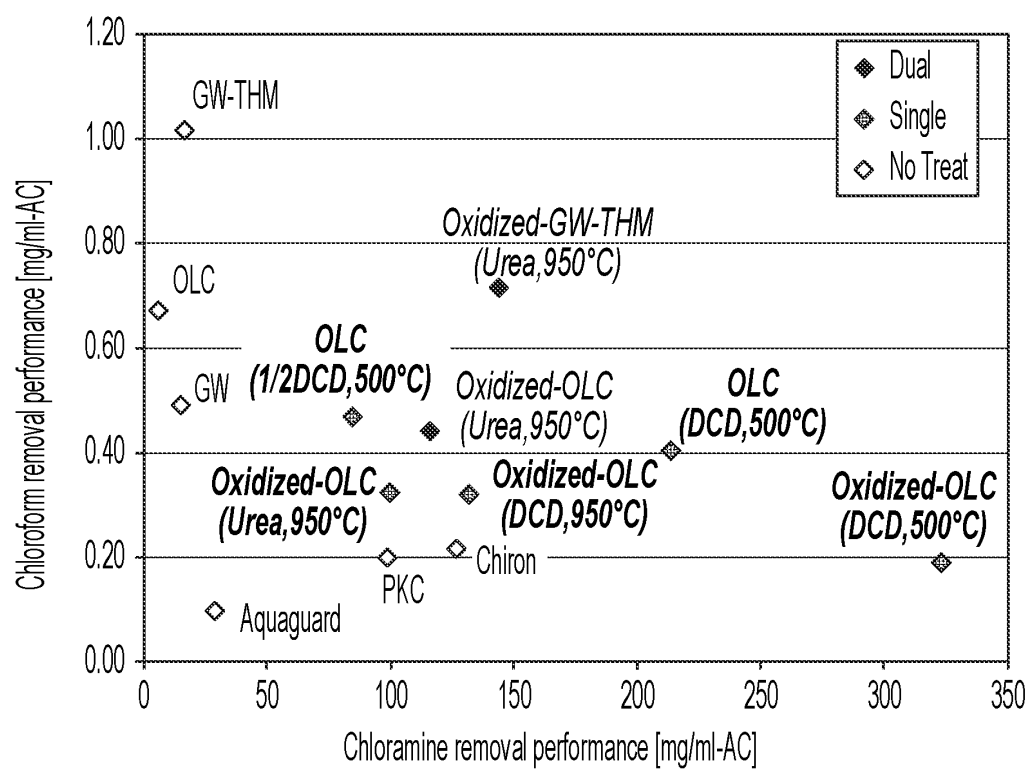


FIG. 6

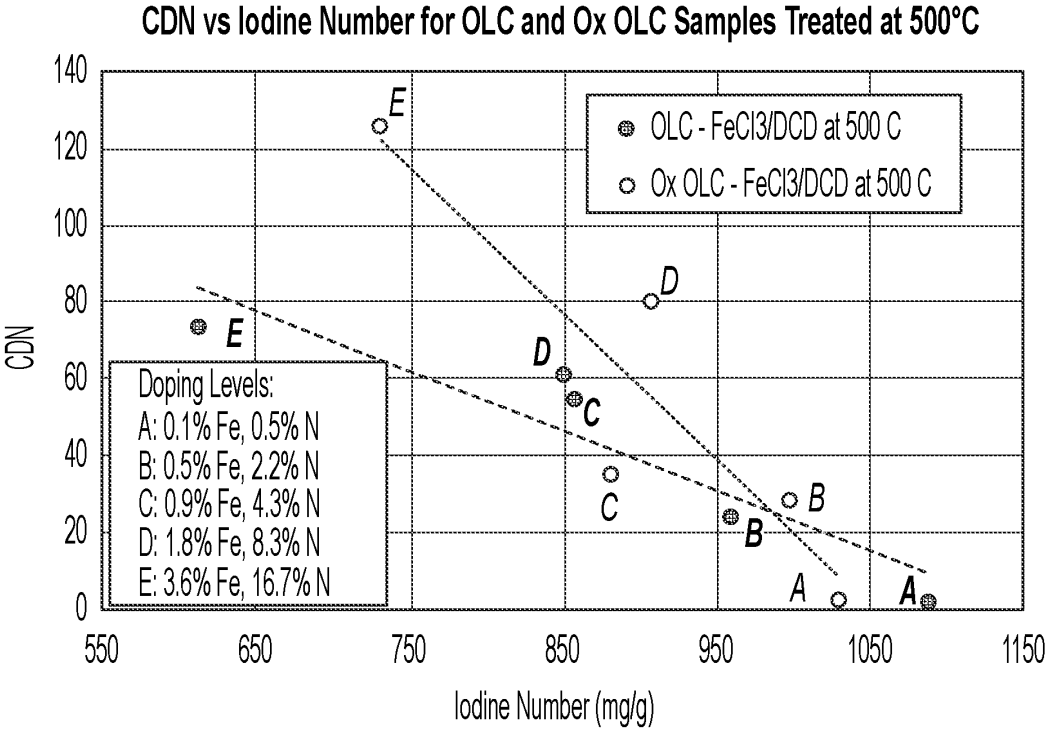


FIG. 7A

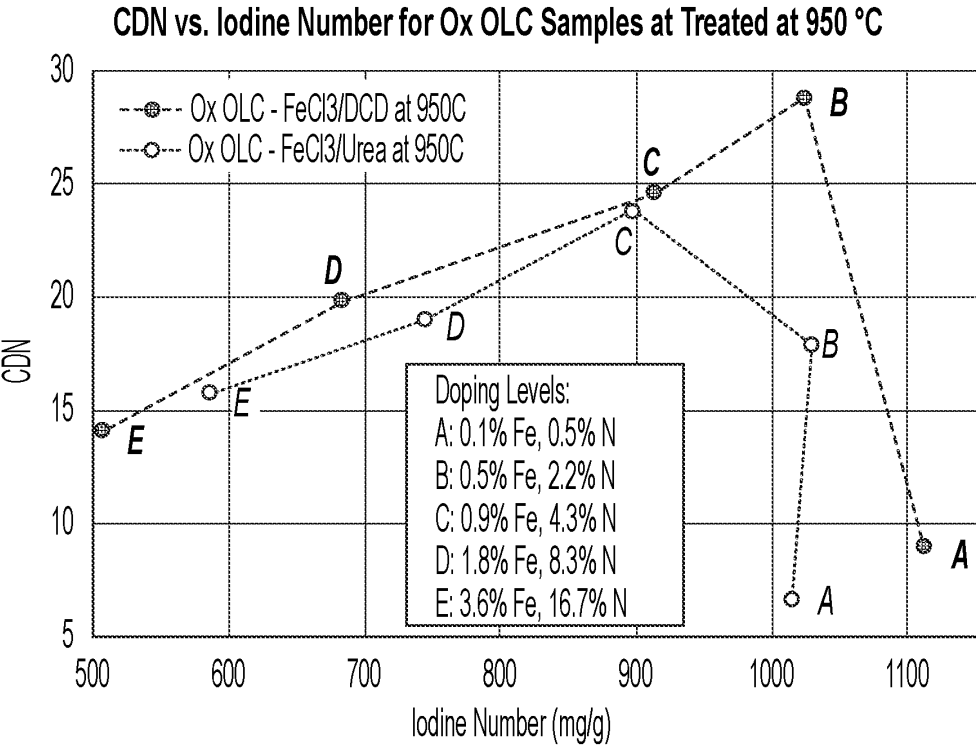
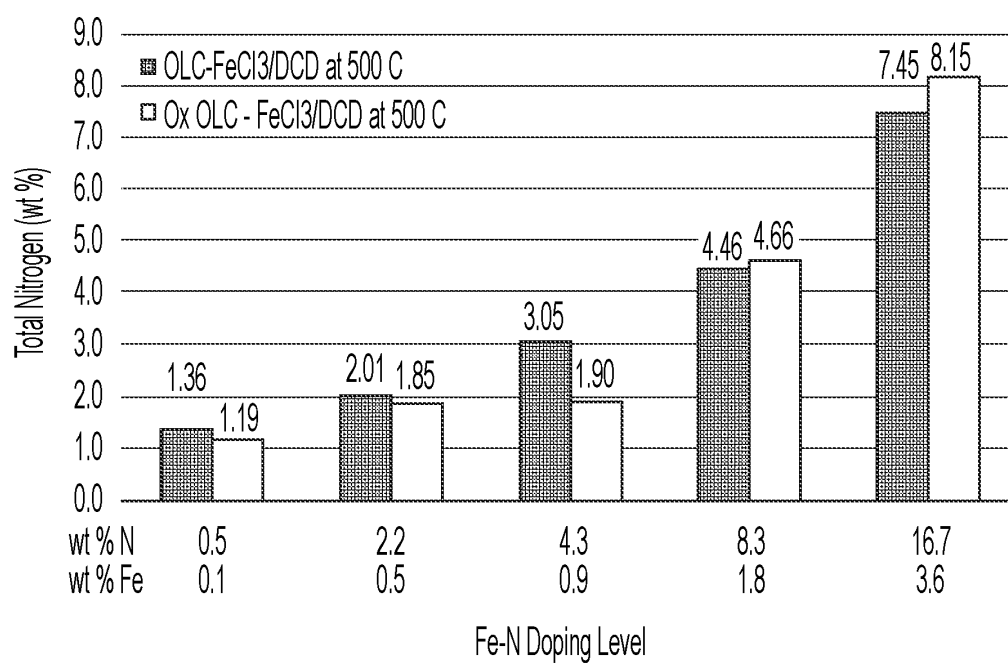


FIG. 7B

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Total (Bulk) Nitrogen vs. Fe-N Doping Level, OLC and Ox OLC after Processing at 500°C**FIG. 8A**

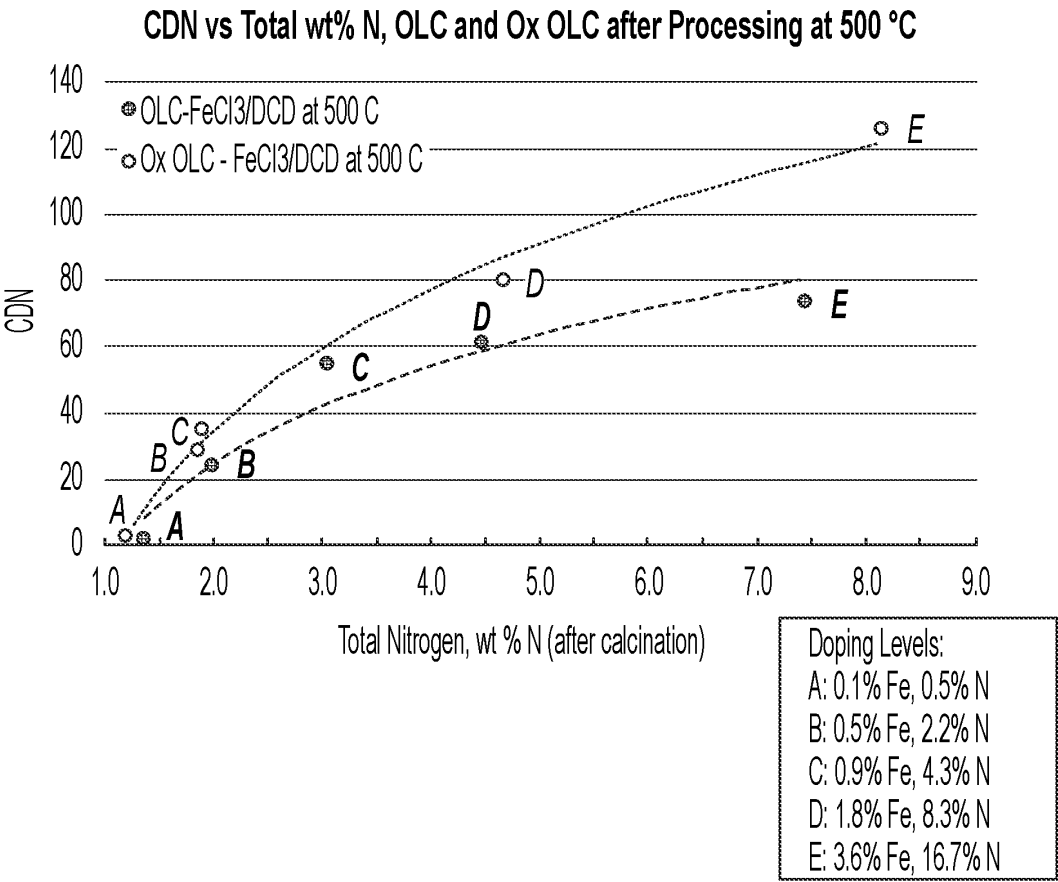


FIG. 8B

Total (Bulk) Nitrogen vs. Fe-N Doping Level, OLC and Ox OLC after Processing at 950 °C

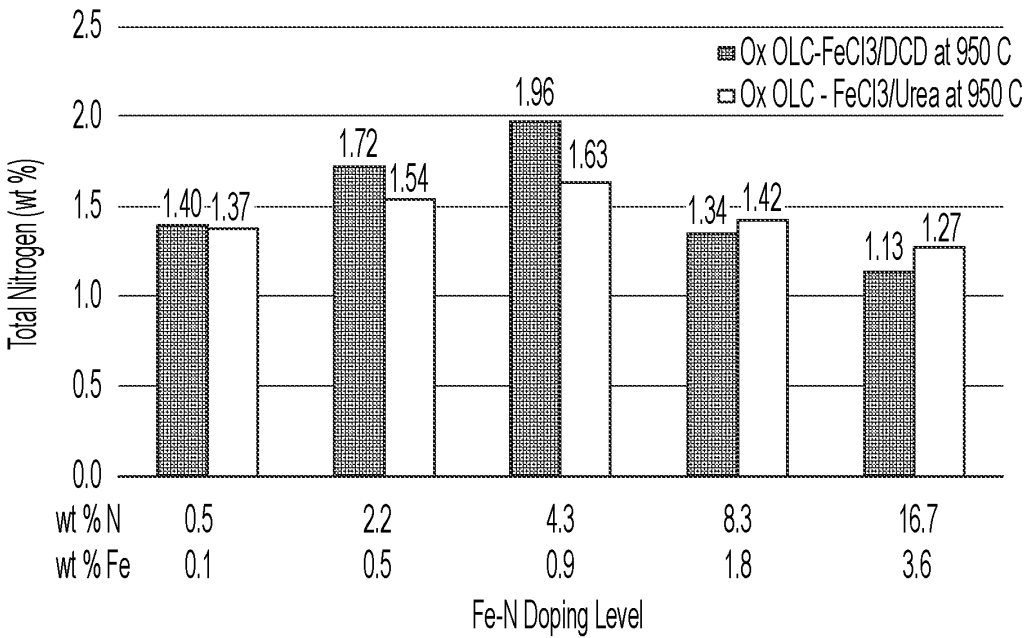


FIG. 8C

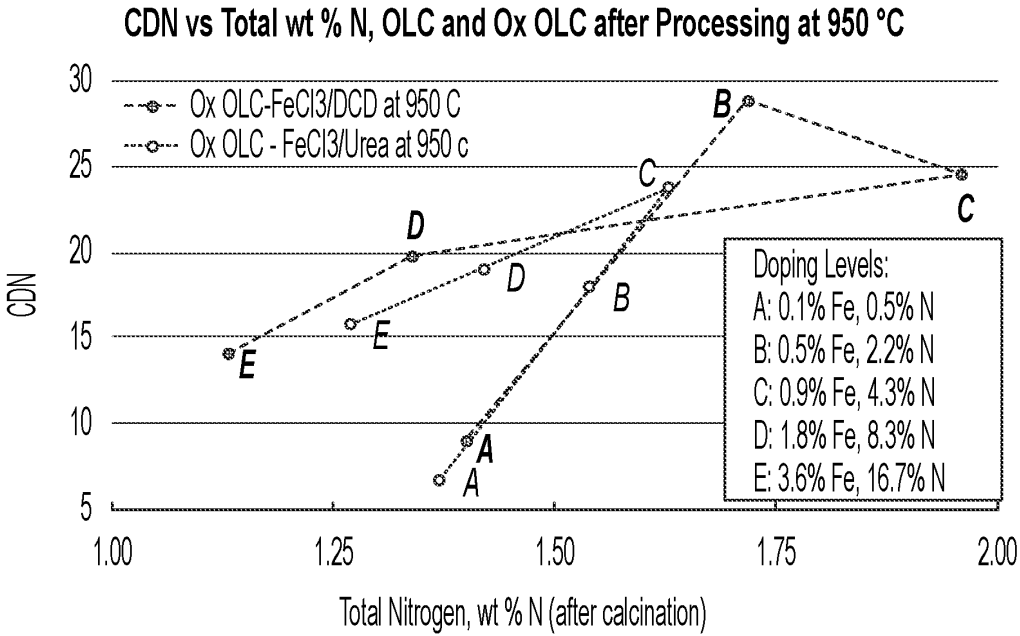


FIG. 8D