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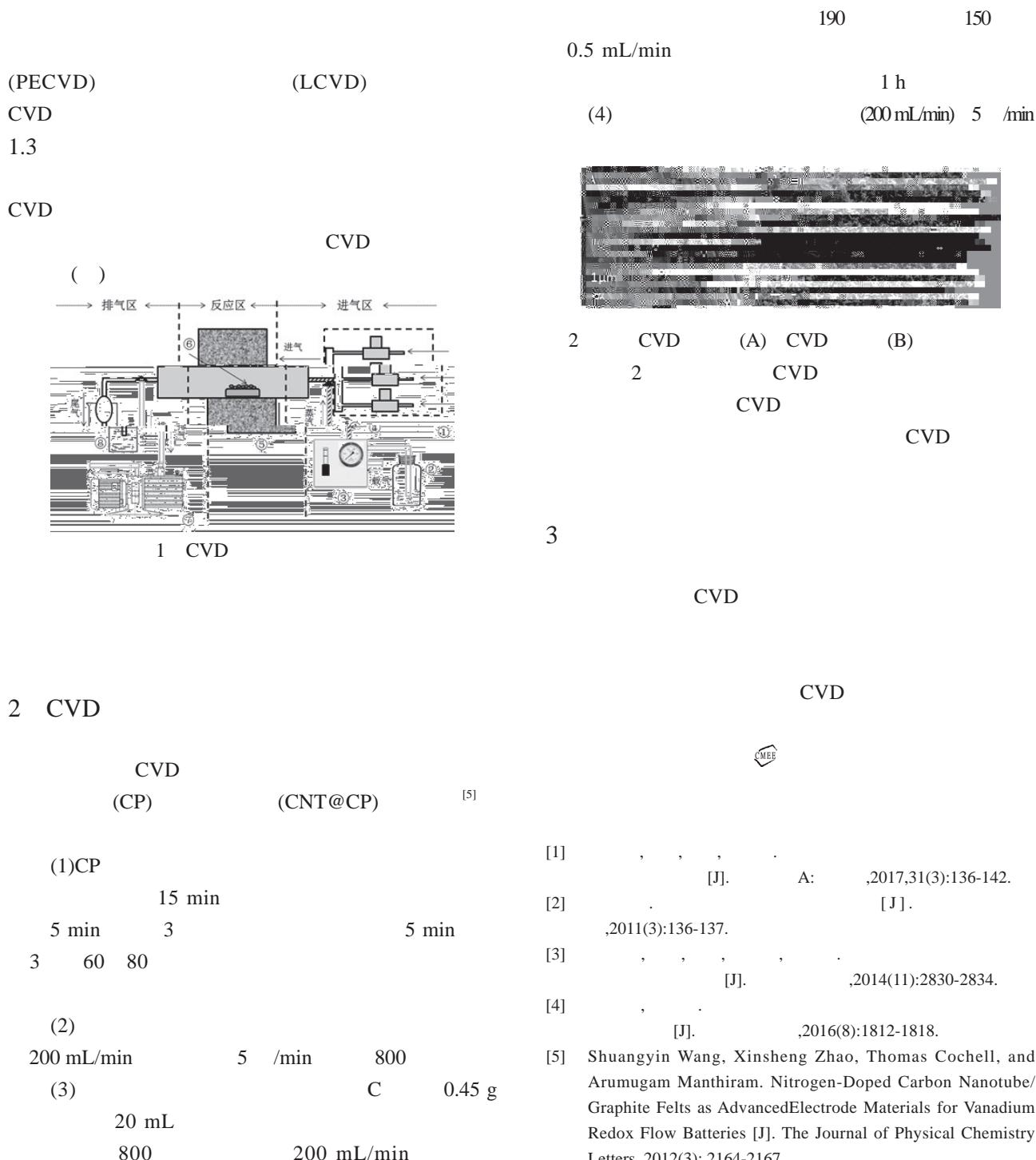
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The Construction of the CVD Experimental Apparatus and its Experimental Teaching Application

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Abstract: In this paper, The main components of CVD experimental apparatus are introduced. Meanwhile, we have successfully constructed a CVD experimental apparatus with practicable, reliable, and safe performance. The carbon nanotubes loaded on carbon paper (CNT @CP) are successfully prepared in this CVD experiment apparatus. This apparatus and its experimental teaching application can help students of materials majors to further master CVD material preparation method.

Key words: construction of apparatus; CVD; material preparation; carbon nanotubes; teaching application