Supplementary Information

In Situ Synthesis of CdS/CdWO₄ Nanorods Core-

Shell Composite via Acid Dissolution

Haruki Nagakawa^a and Morio Nagata^{*a}

^a Department of Industrial Chemistry, Graduate School of Engineering, Tokyo University of

Science, 12-1 Ichigayafunagawara-cho, Shinjuku-ku, Tokyo, 162-0826, Japan.

E-mail: nagata@ci.tus.ac.jp

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Figure S1. XRD patterns of the prepared CdS/CdWO₄ core-shell composite photocatalysts calcined at each temparature.



Figure S2. TEM image of the prepared CdS/CdWO₄ core-shell composite photocatalysts calcined at 200°C.



Figure S3. Current potential curves over the pure CdS and S-08 CW photoanode in a 0.1 M Na₂SO₄ solution under visible light($\lambda > 420$ nm).



Figure S4. XRD pattern of the WO₃/CdS/CdWO₄ (Pt 1 wt%) composite photocatalyst.



Figure S5. DRS spectra of the prepared WO₃/CdS/CdWO₄ and WO₃/CdS/CdWO₄ (Pt 1 wt%) composite photocatalysts.