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(51) International Patent Classification ⁵: C11D 1/90, 1/92, 1/94 C11D 3/30, 3/43, 7/06 C11D 7/32, 7/34, 7/50	A1	(11) International Publication Number: WO 91/11505 (43) International Publication Date: 8 August 1991 (08.08.91)																					
(21) International Application Number: PCT/US91/00337 (22) International Filing Date: 22 January 1991 (22.01.91) (30) Priority data: <table border="0"><tr><td>471,908</td><td>29 January 1990 (29.01.90)</td><td>US</td></tr><tr><td>471,909</td><td>29 January 1990 (29.01.90)</td><td>US</td></tr><tr><td>499,858</td><td>27 March 1990 (27.03.90)</td><td>US</td></tr><tr><td>628,065</td><td>21 December 1990 (21.12.90)</td><td>US</td></tr><tr><td>628,064</td><td>21 December 1990 (21.12.90)</td><td>US</td></tr><tr><td>628,066</td><td>21 December 1990 (21.12.90)</td><td>US</td></tr><tr><td>628,067</td><td>21 December 1990 (21.12.90)</td><td>US</td></tr></table> (71) Applicant: THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).		471,908	29 January 1990 (29.01.90)	US	471,909	29 January 1990 (29.01.90)	US	499,858	27 March 1990 (27.03.90)	US	628,065	21 December 1990 (21.12.90)	US	628,064	21 December 1990 (21.12.90)	US	628,066	21 December 1990 (21.12.90)	US	628,067	21 December 1990 (21.12.90)	US	(72) Inventor: MICHAEL, Daniel, Wayne ; 10631 Stargate Lane, Cincinnati, OH 45240 (US). (74) Agents: WITTE, Monte, D. et al.; The Procter & Gamble Company, Ivorydale Technical Ctr., 5299 Spring Grove Ave., Cincinnati, OH 45217-1087 (US). (81) Designated States: AT (European patent), AU, BE (European patent), BR, CA, CH (European patent), DE (European patent), DK (European patent), ES (European patent), FR (European patent), GB (European patent), GR (European patent), IT (European patent), JP, KR, LU (European patent), NL (European patent), SE (European patent). Published <i>With international search report.</i>
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(54) Title: LIQUID HARD SURFACE DETERGENT COMPOSITIONS CONTAINING ZWITTERIONIC DETERGENT SURFACTANT AND MONOETHANOLAMINE AND/OR BETA-AMINOALKANOL (57) Abstract Aqueous, liquid hard surface detergent compositions contain zwitterionic detergent surfactant and monoethanolamine and/or other specific beta-aminoalkanols as solvents and/or buffers for improved spotting/filming and good cleaning. Some formulas do not contain large amounts of builders and are suitable for general purpose cleaning including cleaning of glass. This Sheet Has Been Replaced 																							