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(71) Applicant: **PHOR-MED, INC.** [US/US]; 1999 Avenue of
The Stars, Suite 1100, Century City, CA 90036 (US).

(72) Inventors; and

(71) Applicants: **CHANG, Richard, L.** [US/US]; 5511 Paseo
del Lago West, Unit 1G, Laguna Woods, CA 92637 (US).
CHANG, Ben, Y. [US/US]; 312 North Mansfield Avenue,
Los Angeles, Ca, CA 90036 (US).

(74) Agent: **KING, Jeffrey, J.**; Patent Networks Law Group
PLLC, P.O. Box 465, Bellevue, WA 98009 (US).

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(54) Title: COMPOSITIONS AND METHODS FOR TREATING ACUTE RESPIRATORY DISTRESS SYNDROME (ARDS) AND INFLAMMATORY DISORDERS CAUSED BY CORONAVIRUSES AND OTHER RESPIRATORY PATHOGENS OR AGENTS THAT MEDIATE PULMONARY INJURY, INFLAMMATION OR ACUTE RESPIRATORY DISTRESS, AND RELATED COMPOSITIONS AND METHODS FOR TREATING AND PREVENTING HUMAN SARS CORONAVIRUS INFECTION, COVID-19 DISEASE AND RELATED SYMPTOMS

(57) Abstract: Methods and compositions containing a phorbol ester or derivative of a phorbol ester are provided for prevention and treatment of sudden acute respiratory syndrome (SARS) coronavirus infection, including SARS-CoV-2 infection and related COVID-19 disease. Also provided are methods and compositions for preventing and treating acute inflammatory conditions and related pathogenic injuries, including Acute Respiratory Distress Syndrome (ARDS) and cytokine storm syndrome (CSS) seen in severe SARS-CoV-2/COVID-19 cases.



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