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(71) Applicant (for all designated States except US): **LA-CLEDE, INC.** [US/US]; 2030 East University Drive, Rancho Dominguez, CA 90220 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **PELLICO, Michael** [US/US]; 2030 East University Drive, Rancho Dominguez, CA 90220 (US). **BOSCO, Pamela** [US/US]; 2030 East University Drive, Rancho Dominguez, CA 90220 (US).

(74) Agent: **FARBER, Michael, B.**; Catalyst Law Group, APC, 9710 Scranton Road, Suite 170, San Diego, CA 92121 (US).

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(54) Title: COMPOSITIONS AND METHODS FOR ENZYMATIC TREATMENT OF LUNG DISORDERS

(57) Abstract: A therapeutic composition for the treatment of lung diseases or disorders and diseases or disorders of the airway passages including pneumonia, acute respiratory failure, and acute respiratory distress syndrome is based on the generation of a bio-cidal anion by an enzymatic reaction catalyzed by a peroxidase. The peroxide utilized by the peroxidase enzyme can be endogenous or can be generated by the action of an oxidase enzyme on a suitable substrate.



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