



**THESIS APPROVAL**  
**GRADUATE SCHOOL, KASETSART UNIVERSITY**

\_\_\_\_\_  
Master of Engineering (Chemical Engineering)

**DEGREE**

\_\_\_\_\_  
Chemical Engineering

**FIELD**

\_\_\_\_\_  
Chemical Engineering

**DEPARTMENT**

**TITLE:**      Characterization and Investigation of Mechanical Strength Property of  
Polysulfone-Inorganic Composite Membranes for Fuel Cell Application

**NAME:**      Ms. Supatra Patrawoot

**THIS THESIS HAS BEEN ACCEPTED BY**

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**APPROVED BY THE GRADUATE SCHOOL ON** \_\_\_\_\_

\_\_\_\_\_  
**DEAN**

( \_\_\_\_\_  
Associate Professor Vinai Artkongharn, M. A.  
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