POLISHING ASSEMBLY ANDMETHOD FOR POLISHING

BACKGROUND

[0001] This disclosure relates generally to polishing a component and, more particularly, to protecting selected areas of a component during polishing.

[0002] Many components are polished, including used components and newly-manufactured components. As an example, used gas turbine engine airfoils are often polished to restore their aerodynamic efficiency. Polishing the components enhance their performance within the gas turbine engine.Polishing operations may include hand or machine blending, tumbling, or vibratory polishing.

[0003] Material is removed from components during polishing.Removing material from some areas of components is undesirable.For example, excessive removal of materialfrom an airfoil leading edge or an airfoil trailing edge may render the component unsuitable for further use.

SUMMARY

[0004] A method of component polishing according to an exemplary aspect of the present disclosure includes, among other things, polishing a component and protecting portions of the component during the polishing using a barrier spaced from the component. The barrier is configured to move together with the component during the polishing.

[0005] In a further non-limiting embodiment of the foregoing method of component polishing, the method may include holding the component within a fixture.A position of the component relative to the fixture is selectively adjustable.

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