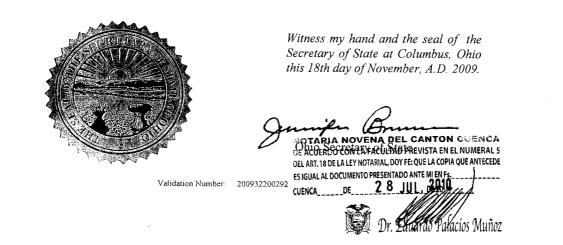
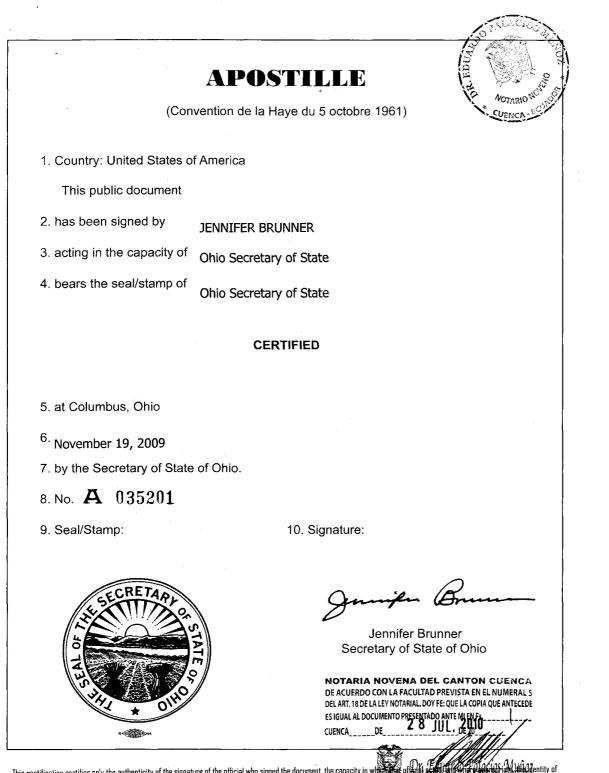
## UNITED STATES OF AMERICA STATE OF OHIO OFFICE OF THE SECRETARY OF STATE



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I, Jennifer Brunner, do hereby certify that I am the duly elected, qualified and present acting Secretary of State for the State of Ohio, and as such have custody of the records of Ohio and Foreign business entities; that said records show FERRO CORPORATION, an Ohio Corporation, Charter No. 88224, having its principal location in Cleveland, County of Cuyahoga, was incorporated on October 13, 1919, and is currently in GOOD STANDING upon the records of this office.





This certification certifies only the authenticity of the signature of the official who signed the document, the capacity in whet has official activity of the signature of the official who signed the document, the capacity in whet has office activity of the signature of the official who signed the document, the capacity in whet has office activity of the signature of the official who signed the document (s) are correct, nor that they have the approval of this office.



## CERTIFICATE

I, Mark H. Duesenberg, do hereby certify (i) that I am the Secretary of Ferro Corporation (the "Corporation"); (ii) that the Corporation was incorporated in the State of Ohio, United States of America, on October 13, 1919; (iii) that as of November 19, 2009, the total number of shares of stock which the Corporation has issued are 93,435,553 shares of common stock (\$1.00 par value) and 1,520,215 shares of preferred stock (no par value); (iv) that the shares of stock issued by the Corporation does not include any stock to the bearer; and (v) that the Corporation is registered with the New York Stock Exchange (NYSE) in New York, New York, United States of America.

I witness whereof, I have executed this certification on November 29, 2009.

Mark H. Duesenberg, Secretary

UNITED STATES OF AMERICA

STATE OF OHIO

) ) SS: )

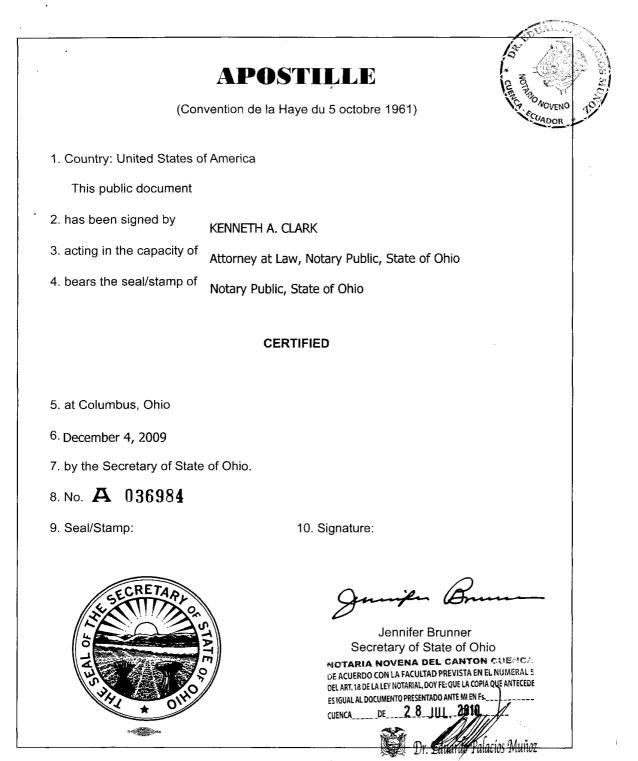
CUYAHOGA COUNTY

The foregoing instrument was sworn before me this 24 day of November, 2009 by Mark H. Duesenberg, Secretary of Ferro Corporation.

KENNETH A. CLARK, Attorney NOTARY PUBLIC - STATE OF OHIO My commission has no expiration date. Section 147 '3 f C

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This certification certifies only the authenticity of the signature of the official who signed the document, the capacity in which that official acted, and where appropriate, the identity of the seal or stamp which the document bears. This certification does not imply that the contents of the document(s) are correct, nor that they have the approval of this office.