

CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION

* * * * *

International Equipment Company, a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware,

DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of said corporation, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of said corporation:

RESOLVED, that the Certificate of Incorporation of International Equipment Company be amended by changing the First Article thereof so that, as amended, said Article shall be and read as follows:

1. The name of corporation is: "Thermo IEC Inc."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said International Equipment Company has caused this certificate to be signed by Sandra L. Lambert, its Secretary, this 27th day of October, 2000.

International Equipment Company

By Sandra L. Lambert
Sandra L. Lambert, Secretary

CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION

* * * * *

International Equipment Company, a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware,

DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of said corporation, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of said corporation:

RESOLVED, that the Certificate of Incorporation of International Equipment Company be amended by changing the First Article thereof so that, as amended, said Article shall be and read as follows:

1. The name of corporation is: "Thermo IEC Inc."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said International Equipment Company has caused this certificate to be signed by Sandra L. Lambert, its Secretary, this 7th day of October, 2000.

International Equipment Company

By Sandra L. Lambert
Sandra L. Lambert, Secretary

State of Delaware
Office of the Secretary of State

PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "INTERNATIONAL EQUIPMENT COMPANY", CHANGING ITS NAME FROM "INTERNATIONAL EQUIPMENT COMPANY" TO "THERMO IEC INC.", FILED IN THIS OFFICE ON THE SIXTEENTH DAY OF NOVEMBER, A.D. 2000, AT 10 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



A handwritten signature in cursive script, reading "Edward J. Freel".

Edward J. Freel, Secretary of State

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AUTHENTICATION: 0799816

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DATE: 11-17-00