Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

LETTER TO OFFICIAL DRAFTSPERSON

Sir:

Enclosed are 2 sheets of corrected Formal Drawings. Please replace the current drawings in the file with these sheets.

Respectfully submitted,

Dated: Mar 17, 2003

By: Gregory A. Stobbs
Reg. No. 28,764
Semi-Fragile Watermarking System for MPEG Video Authentication

Inventor: Peng Yin, et al.

Atty. Ref. No.: 9432-000137

FIG. 2

Robust wmk: \( W_R = H(M_R) \)
Fragile wmk: \( W_F = SK(H(M_F)) \)

\( I' = I + W_R + W_F \)

FIG. 3

FIG. 4

Fragile wmk verification: Compare \((H(M_F), PK(W_F'))\)
Robust wmk verification: Compare \((H(M_R'), W_R')\)