

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 5,543,941

Page 1 of 6

DATED : August 6, 1996

INVENTOR(S) : Parker et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

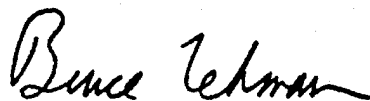
IN THE DRAWINGS:

Delete Figures 7-13 and replace with attached Figures 7-12.

Signed and Sealed this

Twenty-ninth Day of April, 1997

Attest:



BRUCE LEHMAN

Attesting Officer

Commissioner of Patents and Trademarks

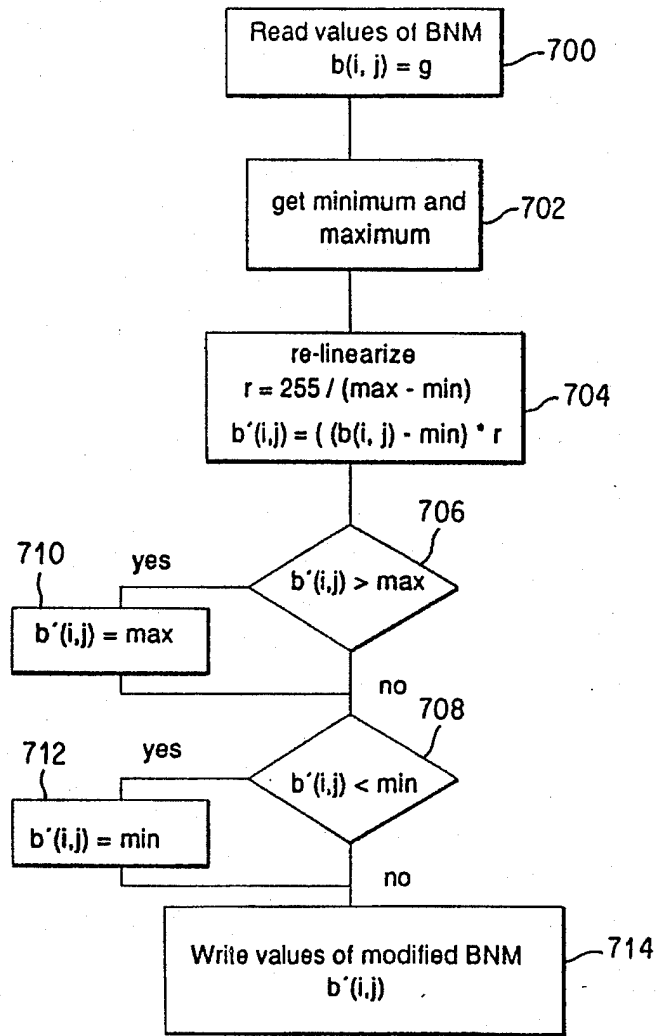


FIG. 7

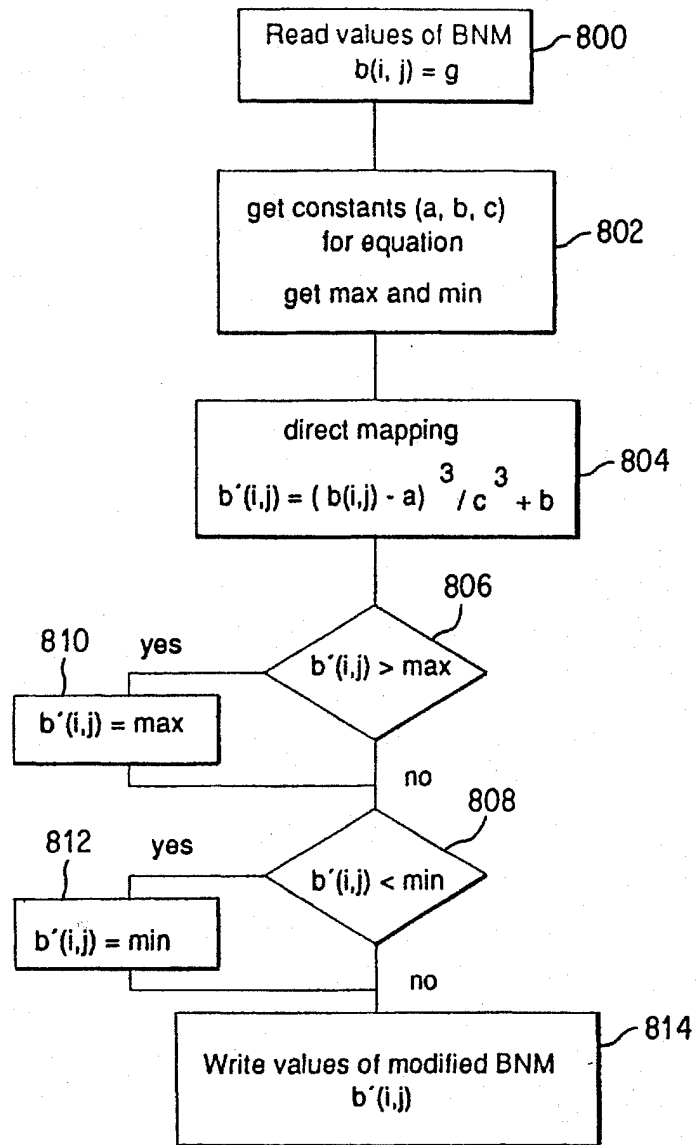


FIG. 8

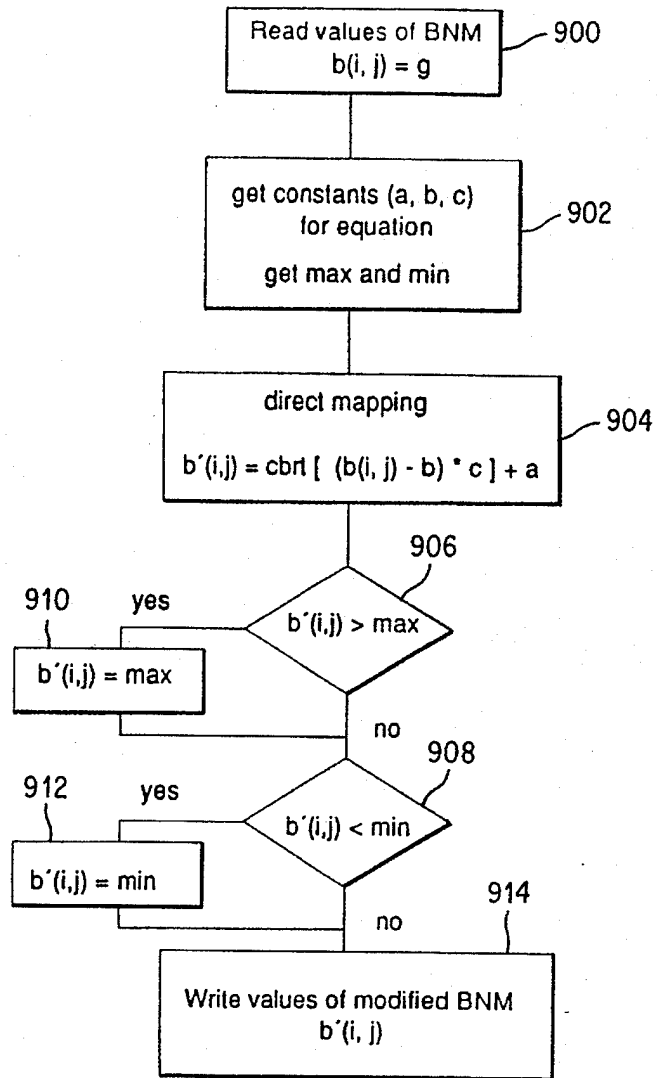


FIG. 9

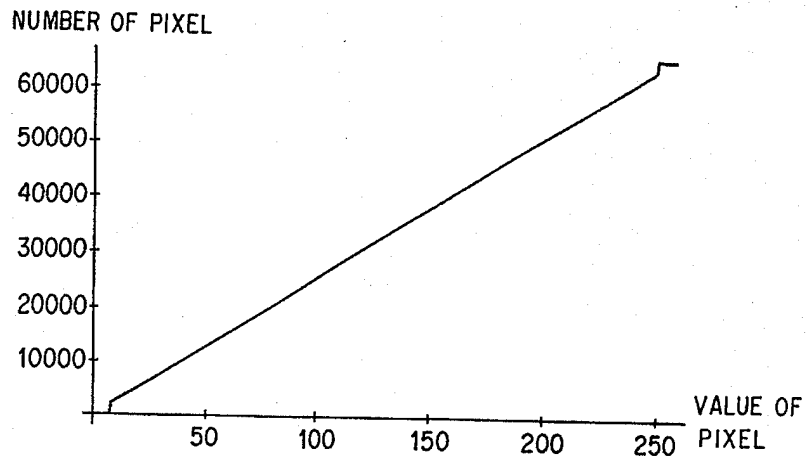


FIG. 10

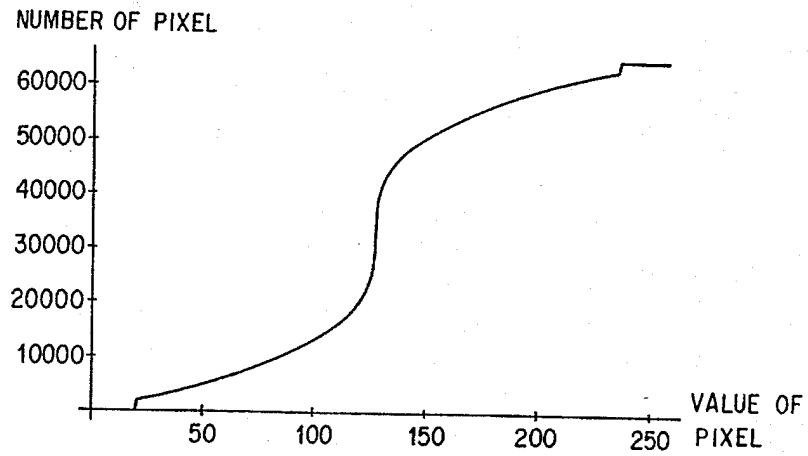


FIG. 11

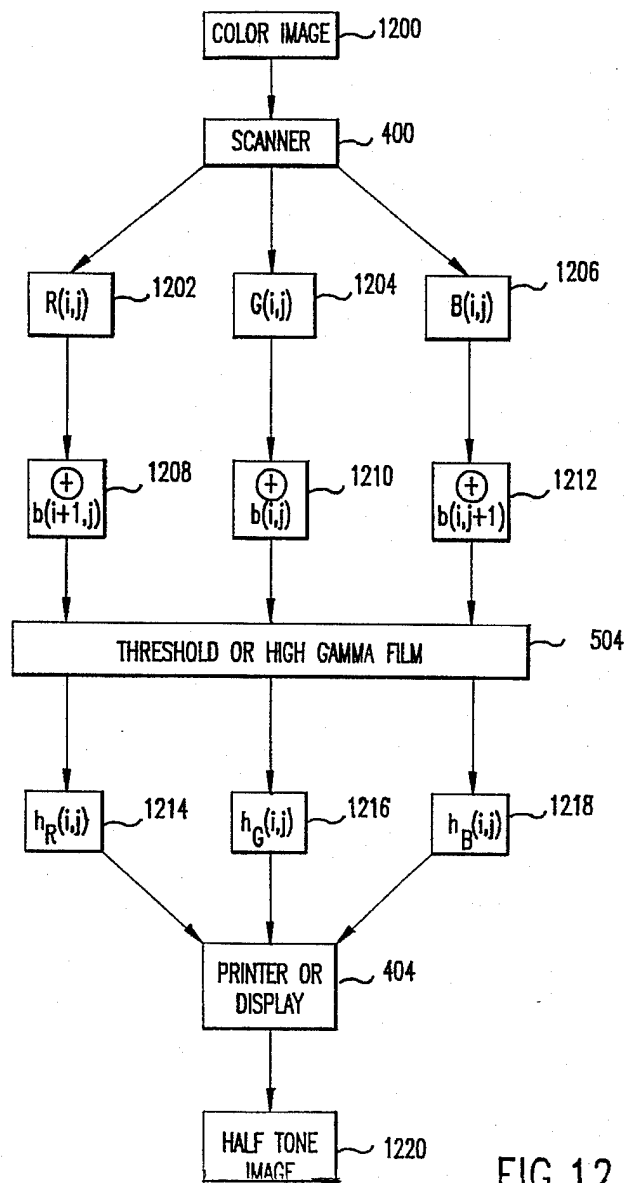


FIG 12

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 5,543,941

Page 1 of 5

DATED : August 6, 1996

INVENTOR(S) : Parker et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below: ON THE TITLE PAGE:

IN THE REFERENCES CITED and OTHER PUBLICATIONS:

Please add the following patents and articles:

--4,783,838	1988	Matsunawa
4,742,558	1988	Ishibasi et al.
4,084,196	1987	Tissue et al.
5,010,398	1991	Nys et al.
4,997,733	1991	Carleer et al.
4,975,786	1990	Katayama et al.
4,974,067	1990	Suzuki et al.
4,924,301	1990	Surbrook
4,920,501	1990	Sullivan et al.
4,912,569	1990	Petilli
4,885,576	1989	Pennebaker et al.
4,819,075	1989	Imaide et al.
4,800,442	1989	Riseman et al.
4,786,975	1988	Postl
4,758,886	1988	Rylander
4,736,254	1988	Kotera et al.
4,700,235	1987	Gall
4,698,691	1987	Suzuki et al.
4,669,869	1987	Sullivan
4,657,831	1987	Ambro et al.
4,477,833	1984	Clark et al.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page 2 of 5

PATENT NO. : 5,543,941
DATED : August 6, 1996
INVENTOR(S) : Parker et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

4,425,642	1984	Moses et al.
4,412,256	1983	Heinzl et al.
4,409,623	1983	Kobayashi et al.
4,342,046	1982	Kamata
4,308,553	1981	Roetling
4,276,569	1981	Kirk, Jr.
3,085,878	1963	Archer
4,456,924	1984	Rosenfeld, G.
4,499,489	1985	Gall et al.
5,214,517	1993	Sullivan et al.
0,152,355	1985	Europe
W09,004,898	1990	PTC

"Digital Color Reproduction," IBM Technical Disclosure Bulletin, Vol. 28, No. 1, June 1985, pp. 438-439.

Netravali et al., "A Picture Browsing System," IEEE Transactions of Communications, Vol. Com-29, No. 12, December 1981.

J.C. Stoffel, J.F. Moreland, "A Survey of Electronic Techniques for Pictorial Image Reproduction", IEEE Transactions, December 1981.

G. Goertzel, G.R. Thompson, "Digital Halftoning on the IBM 4250 Printer", I.B.M. Journal of Res. Develop., January 1987.

"Dithering with Blue Noise", Robert A. Ulichney, Proceedings of the IEEE, Vol. 76, No. 1, January 1988, pp. 56-79.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 5,543,941
DATED : August 6, 1996
INVENTOR(S) : Parker et al.

Page 3 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Pirsch et al., "Transmission of Gray Level Images by Multilevel Dither Techniques", Computers & Graphics, Vol. 7, 1983, pp. 31-44.

Yoshida et al., "Pel Pattern Predictive Coding of Dithered Images" Fujitsu-Scientific and Technical Journal, March 1984, pp. 99-118.

M. Broja, F. Wyrowski, and O. Bryngdahl, "Digital Halftoning by Iterative Procedure" Optics Communications, 69(3,4):205-210, January, 1989.--

Please make the following corrections:

Title page:

Page 2, column 1, line 27, change "Melntchuck" to --Melnychuck--; and change "Fourtier" to --Fourier--.

Page 2, column 2, line 1, change "half" to --Half--.

Page 2, column 2, lines 28-29, change "Siggrpaph" to --SIGGRPAPH--.

Page 2, column 2, line 33, change "inl" to --ink--.

Page 2, column 2, line 36, change "An adaptive" to --Adaptive--.

Page 2, column 2, line 40, change "76" to --75--.

Page 2, column 2, line 58, change "Siggrpaph" to --SIGGRPAPH--.

Page 3, column 1, line 30, change "whenshould" to --when should--.

Page 3, column 1, line 34, change "depenndency" to --dependency--.

Page 3, column 1, line 39, change "Mesereau" to --Mersereau--.

Page 3, column 1, line 61, change "moire" to --Moire--.

Page 2, column 2, line 39, change "Floyd" to --Floyd, --; and change "adoptive" to --adaptive--.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 5,543,941

Page 4 of 5

DATED : August 6, 1996

INVENTOR(S) : Parker et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- Column 1, line 21, change "hi-level" to --bi-level--;
line 38, change "a periodic" to --aperiodic--.
- Column 2, line 44, change "recursire" to --recursive--.
- Column 5, line 19, change "moire" to --Moire--;
line 44, change "moire" to --Moire--.
- Column 6, line 30, change "energy/" to --energy--.
- Column 8, line 56, change "a periodic" to --aperiodic--.
line 60, change " Δ " to -- Δ --.
- Column 9, line 52, change "transform" to --Transform--;
line 62, change "t," to -- ϵ --;
line 64, change the first occurrence of "=t" to --= ϵ -- and change the second occurrence of "=t" to --= ϵ --.
- Column 10, line 28 change "1/2level" to --1/2 level--;
line 51, formula 4, change " $p[i,j,g + \Delta g]$ " to -- $\overline{p[i,j,g + \Delta g]}$ --;
line 64, formula 5, change " $[i,j,g,]$ " to -- $[i,j,g]$ --.
- Column 12, line 17, change "than" to --that--.
- Column 14, line 26, change "12" to --712--.
- Column 16, line 46, change "moire" to --Moire--.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 5,543,941

Page 5 of 5

DATED : August 6, 1996

INVENTOR(S) : Parker et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

IN THE CLAIMS:

Claim 1, line 5, change "non-determinate" to --non-deterministic--.

Signed and Sealed this
Seventeenth Day of March, 1998

Attest:



BRUCE LEHMAN

Attesting Officer

Commissioner of Patents and Trademarks