



AT&T Bell Laboratories

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April 17, 1992

Mr. Mike Smith
International Organization for Standardization
Information Technology Task Force
1, rue de Varembo
Case postale 56
CH-1211 Geneva 20
Switzerland

Subject: AT&T Patents for Arithmetic Coding and Bi-level Image Coding

Dear Mr. Smith:

AT&T is desirous of the adoption of ISO SPECIFICATIONS 10198 (Digital Compression and Coding of Continuous-tone Still Images) and 11544 (Coded Representation of Picture and Audio Information — Progressive Bi-level Image Compression). Toward this end, it is intended that our patents not present an impediment to the adoption of these SPECIFICATIONS and we wish to encourage their broad deployment while maintaining incentive to continue innovation.

Accordingly, to the extent that AT&T has existing patents or may in the future obtain patents which are essential to these SPECIFICATIONS, it is our policy that a license will be made available by AT&T to any applicant upon reasonable terms and conditions that are demonstrably free of any unfair discrimination provided only that a similar grant under any of licensee's patents within the scope of the license granted to licensee is made available to AT&T upon request.

As a result of our past licensing practices, many of the major manufacturers who would be interested in providing the type of equipment which will use these

SPECIFICATIONS are currently licensed.

AT&T has been granted patents on aspects of arithmetic coding that are needed for using the 10198 SPECIFICATION in its arithmetic coding modes. These patents and additional patents on typical prediction and adaptive context are needed to implement some modes of the 11544 SPECIFICATION.

A party that wishes to receive further information or to request a license should write to

Mr. Tom Stafford
Senior Attorney
Intellectual Property — LAW
AT&T Bell laboratories
Room 3K-234
101 Crawfords Corner Road
Holmdel, NJ 07733-3030

Sincerely

A handwritten signature in dark ink, appearing to read 'W. H. Ninke', written in a cursive style.

W. H. Ninke

Copy to:

H. Hampel, WG9 Chairman
I. Sebestyen, WG9 and WG10 CCITT Liaison
G. Wallace, WG10 Chairman