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Intellectual Property Office

Hitachi, Ltd.

New Marunouchi Bldg.
5-1, Marunouchi 1-chome
Chiyoda-ku, Tokyo 100, Japan
Facsimile: (03)3214-3110/3116
Telex: J22395, J22432 (HITACHY)
Telephone: Tokyo (03)3212-1111

YOUR REF.

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Add. H.261

March 31, 1992

Mr. Sakae OKUBO, Chairman
Expert group for ATM Video Coding
Visual Media Laboratory, NTT Human Interface Laboratories
1-2356 Take, Yokosuka-shi, Kanagawa-ken 238-03, Japan

Dear Mr OKUBO,

On behalf of Hitachi, Ltd., we provide the following information:

(1) Hitachi Ltd. is willing to inform the CCITT SGXV / WP1 of the general contents and scope of any patent application relevant to the CCITT recommendation of Video CODECs. This information shall be given after filing Japanese Patent Office.

(2) Our licensing policy on patents to the CCITT SGXV / WP1's recommendation is to grant non-exclusive licenses on fair and reasonable terms and conditions.

(3) At this time, we have one relevant patent as follows:

Abstract :

One still picture is subsampled without any spacial filtering, and a low resolution picture is produced. This low resolution picture is transmitted using a low resolution motion video CODEC.

Next, another position shifted subsampling is taken place and the produced low resolution picture is transmitted using the same low resolution motion video CODEC that is used for the first subsampled picture.

The second picture can be interframe coded and even H.261 standard can be applied, using the first picture as a reference frame. The subsampled pictures are received and reconstructed to one original still picture at a receiver.

The received picture can be displayed progressively (the picture quality improves as time goes), if some interpolation scheme is taken place for the first picture and displayed at the receiver.

Filing Date : 6th September 1989
Filing Place : the Japanese Patent Office
Filing Number : Patent Application H01-229161
Laid-open Number : Patent Laid-open H03-93377

Sincerely,

Katsuo OGAWA
General Manager
Intellectual Property Office

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Mr. Sakae Okubo, Chairman
Specialists Group on Coding for Visual Telephony
Visual Media Laboratory,
NTT Human Interface Laboratories
1-2356 Take, Yokosuka-shi
Kanagawa-ken 238-03
Japan

Dear Okubo:

On behalf of Hitachi, Ltd. we provide the following information:

Hitachi, Ltd. is willing to inform the Specialists Group of the general contents and scope of any patent application relevant to the CCITT Recommendation on Video CODECs. This information shall be given after filing at Japanese Patent Office provided that all members of the Specialists Group do likewise.

Our licensing policy on patents relevant to the CCITT recommendation is to grant non-exclusive licenses on fair and reasonable terms. At this time we have no relevant patents to disclose.

Sincerely,

Hajime Aoyama

Hitachi, Ltd.
Intellectual Property Office