

Patent Statement and Licensing Declaration

(Typically one per ITU-T Recommendation)

This declaration does not represent an implied license grant

Please return to: Director
Telecommunication Standardization Bureau
International Telecommunication Union

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Patent Holder/Organization:

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ITU-T Recommendation:

Number G.722.2

Title Adaptive Multi-Rate Wideband (AMR-WB) Codec

Licensing declaration

The Patent Holder believes to hold granted patents and/or pending applications, whose use would be required to implement the above ITU-T Recommendation and hereby declares, in accordance with the Statement on ITU-T Patent Policy (see ITU-T web site), that (check one box only).

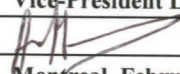
- ☐ 1 The Patent Holder is prepared to grant – on the basis of reciprocity for the above ITU-T Recommendation – a free license to an unrestricted number of applicants on a worldwide, non-discriminatory basis to manufacture, use and/or sell implementations of the above ITU-T Recommendation.
- ☒ 2 The Patent Holder is prepared to grant – on the basis of reciprocity for the above ITU-T Recommendation – a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to manufacture, use and/ or sell implementations of the above ITU-T Recommendation.
Such negotiations are left to the parties concerned and are performed outside the ITU-T.
- ☐ 3 The Patent Holder is unwilling to grant licenses according to the provisions of either 1 or 2 above. In this case, the following information must be provided as part of this declaration:
- § patent registration/application number;
 - § an indication of which portions of the Recommendation are affected.
 - § a description of the patent claims covering the Recommendation;

Signature

Organization VoiceAge Corporation

Name of authorized person Hélène Jay

Title of authorized person Vice-President Licensing

Signature 

Place, Date Montreal, February 20, 2002

BREVETS - ACELP - G2

VoiceAge Corporation

Perpetual Weighting Device and Method for Efficient Coding of Wideband Signals
(Bruno Bessette, Redwan Salami, Roch Lefebvre)

Code	Country	Prior Date	Appl. No.	Filing Date	Exam. Request	Patent No.	Delivery Date	Standard
VAC300	AT	27-Oct-98						WB-AMR
VAC300	AU	27-Oct-98	64571-99	27-Oct-99	16-Aug-01			WB-AMR
VAC300	BE	27-Oct-98						WB-AMR
VAC300	BR	27-Oct-98	PI9914889-7	27-Apr-01	16-Aug-01			WB-AMR
VAC300	CA	27-Oct-98	2,347,668	27-Apr-99	15-May-01			WB-AMR
VAC300	CH/LI	27-Oct-98						WB-AMR
VAC300	CN	27-Oct-98	99813602.6	14-Jun-01	16-Aug-01			WB-AMR
VAC300	CY	27-Oct-98						WB-AMR
VAC300	DE	27-Oct-98						WB-AMR
VAC300	DK	27-Oct-98						WB-AMR
VAC300	EU	27-Oct-98	99 952 201.4	24-Apr-01				WB-AMR
VAC300	FI	27-Oct-98						WB-AMR
VAC300	GR	27-Oct-98						WB-AMR
VAC300	HK	27-Oct-98						WB-AMR
VAC300	IE	27-Oct-98						WB-AMR
VAC300	IN	27-Oct-98	IN/PCT/2001/004435	18-Apr-01				WB-AMR
VAC300	JP	27-Oct-98	2000-578811	27-Apr-01	16-Aug-01			WB-AMR
VAC300	KR	27-Oct-98	7005325/2001	27-Apr-01	16-Aug-01			WB-AMR
VAC300	LU	27-Oct-98						WB-AMR
VAC300	MC	27-Oct-98						WB-AMR
VAC300	MX	27-Oct-98	2001-004137	20-Jun-01				WB-AMR
VAC300	MY	27-Oct-98	PI20011924	24-Apr-01	16-Aug-01			WB-AMR
VAC300	NL	27-Oct-98						WB-AMR
VAC300	NO	27-Oct-98	20022068	27-Jun-01				WB-AMR
VAC300	NZ	27-Oct-98	511163	18-Apr-01				WB-AMR
VAC300	PCT	27-Oct-98	PCT/CA99/01010	27-Oct-99				WB-AMR
VAC300	PT	27-Oct-98						WB-AMR
VAC300	RU	27-Oct-98	2001114194	25-May-01	03-Sep-01			WB-AMR
VAC300	SE	27-Oct-98						WB-AMR
VAC300	UK	27-Oct-98						WB-AMR
VAC300	US	27-Oct-98	09/830,276	25-Apr-01				WB-AMR
VAC300	ZA	27-Oct-98	2001/3366	25-Apr-01				WB-AMR

BREVETS - ACELP - G2

VoiceAge Corporation

A Method and Device of adaptive bandwidth pitch Search in Coding Wideband Signals
(Bruno Bessette, Redwan Salami, Roch Lefebvre)

Code	Country	Prior Date	Appl. No.	Filing Date	Exam. Request	Patent No.	Delivery Date	Standard
VAC 400	AT	27-Oct-98						WB-AMR
VAC 400	AU	27-Oct-98	64569/99	27-Oct-99	16-Aug-01			WB-AMR
VAC 400	BE	27-Oct-98						WB-AMR
VAC 400	BR	27-Oct-98	PI9914890.0	27-Apr-01	16-Aug-01			WB-AMR
VAC 400	CA	27-Oct-98	2,347,743	07-Sep-01	15-May-01			WB-AMR
VAC 400	CH/LI	27-Oct-98						WB-AMR
VAC 400	CN	27-Oct-98	99813601.8	14-Jun-01	16-Aug-01			WB-AMR
VAC 400	CY	27-Oct-98						WB-AMR
VAC 400	DE	27-Oct-98						WB-AMR
VAC 400	DK	27-Oct-98						WB-AMR
VAC 400	EU	27-Oct-98	99 952 199.0	11-Jul-01				WB-AMR
VAC 400	ES	27-Oct-98						WB-AMR
VAC 400	FI	27-Oct-98						WB-AMR
VAC 400	FR	27-Oct-98						WB-AMR
VAC 400	GR	27-Oct-98						WB-AMR
VAC 400	HK	27-Oct-98						WB-AMR
VAC 400	IE	27-Oct-98						WB-AMR
VAC 400	IN	27-Oct-98	IN/PCT/2001/00436	18-Apr-01				WB-AMR
VAC 400	IT	27-Oct-98						WB-AMR
VAC 400	JP	27-Oct-98	2000-578808	27-Apr-01	16-Aug-01			WB-AMR
VAC 400	KR	27-Oct-98	7005326/2001	27-Apr-01				WB-AMR
VAC 400	LU	27-Oct-98						WB-AMR
VAC 400	MC	27-Oct-98						WB-AMR
VAC 400	MX	27-Oct-98	2001-004181	28-Sep-01				WB-AMR
VAC 400	MY	27-Oct-98	PI20011923	24-Apr-01	16-Aug-01			WB-AMR
VAC 400	NL	27-Oct-98						WB-AMR
VAC 400	NO	27-Oct-98	20012066	27-Jun-01				WB-AMR
VAC 400	PCT	27-Oct-98	PCT/CA99/01008	27-Oct-99				WB-AMR
VAC 400	PT	27-Oct-98						WB-AMR
VAC 400	RU	27-Oct-98	2001114193	25-May-01	29-Aug-01			WB-AMR
VAC 400	SE	27-Oct-98						WB-AMR
VAC 400	UK	27-Oct-98						WB-AMR
VAC 400	US	27-Oct-98	09/830,114	24-Apr-01				WB-AMR
VAC 400	ZA	27-Oct-98	2001-3367	25-Apr-01				WB-AMR

BREVETS - ACELP - G2

VoiceAge Corporation

Periodicity Enhancement in Decoding Wideband Signals
(Bruno Bessette, Redwan Salami, Roch Lefebvre)

Code	Country	Prior Date	Appl. No.	Filing Date	Exam. Request	Patent No.	Delivery Date	Standard
VAC 500	AT	27-Oct-98						WB-AMR
VAC 500	BE	27-Oct-98						WB-AMR
VAC 500	CA	27-Oct-98	2,347,667	07-Sep-01	15-May-01			WB-AMR
VAC 500	CH/LI	27-Oct-98						WB-AMR
VAC 500	CN	27-Oct-98	99813641.7	14-Jun-01	16-Aug-01			WB-AMR
VAC 500	CY	27-Oct-98						WB-AMR
VAC 500	DE	27-Oct-98						WB-AMR
VAC 500	DK	27-Oct-98						WB-AMR
VAC 500	EU	27-Oct-98	99 952 200.6	11-Jul-01				WB-AMR
VAC 500	ES	27-Oct-98						WB-AMR
VAC 500	FI	27-Oct-98						WB-AMR
VAC 500	FR	27-Oct-98						WB-AMR
VAC 500	GR	27-Oct-98						WB-AMR
VAC 500	IE	27-Oct-98						WB-AMR
VAC 500	IT	27-Oct-98						WB-AMR
VAC 500	JP	27-Oct-98	2000-578810	08-Jun-01	16-Aug-01			WB-AMR
VAC 500	LU	27-Oct-98						WB-AMR
VAC 500	MC	27-Oct-98						WB-AMR
VAC 500	NL	27-Oct-98						WB-AMR
VAC 500	PCT	27-Oct-98	PCT/CA99/01009	27-Oct-99				WB-AMR
VAC 500	PT	27-Oct-98						WB-AMR
VAC 500	SE	27-Oct-98						WB-AMR
VAC 500	UK	27-Oct-98						WB-AMR
VAC 500	US	27-Oct-98	09/830,331	25-Apr-01				WB-AMR

BREVETS - ACELP - G2

VoiceAge Corporation

High Frequency Content Recovering Method and Device for Oversampled Synthesized Wideband Signal
(Bruno Bessette, Redwan Salami, Roch Lefebvre)

Code	Country	Prior Date	Appl. No.	Filing Date	Exam. Request	Patent No.	Delivery Date	Standard
VAC 600	AT	27-Oct-98						WB-AMR
VAC 600	BE	27-Oct-98						WB-AMR
VAC 600	CA	27-Oct-98	2,347,735	27-Oct-99	15-May-01			WB-AMR
VAC 600	CH/LI	27-Oct-98						WB-AMR
VAC 600	CN	27-Oct-98	99813640.9	14-Jun-01	16-Aug-01			WB-AMR
VAC 600	CY	27-Oct-98						WB-AMR
VAC 600	DK	27-Oct-98						WB-AMR
VAC 600	EU	27-Oct-98	99 952 183.4					WB-AMR
VAC 600	ES	27-Oct-98						WB-AMR
VAC 600	FI	27-Oct-98						WB-AMR
VAC 600	FR	27-Oct-98						WB-AMR
VAC 600	GE	27-Oct-98						WB-AMR
VAC 600	GR	27-Oct-98						WB-AMR
VAC 600	IE	27-Oct-98						WB-AMR
VAC 600	IT	27-Oct-98						WB-AMR
VAC 600	JP	27-Oct-98	2000-578812	10-May-01	16-Aug-01			WB-AMR
VAC 600	KR	27-Oct-98	7005324/2001	27-Apr-01				WB-AMR
VAC 600	LU	27-Oct-98						WB-AMR
VAC 600	MC	27-Oct-98						WB-AMR
VAC 600	NL	27-Oct-98						WB-AMR
VAC 600	NO	27-Oct-98	20012067	27-Jun-01				WB-AMR
VAC 600	PCT	27-Oct-98	PCT/CA99/00990	27-Oct-99				WB-AMR
VAC 600	PT	27-Oct-98						WB-AMR
VAC 600	SE	27-Oct-98						WB-AMR
VAC 600	UK	27-Oct-98						WB-AMR
VAC 600	US	27-Oct-98	09/830,332	25-Apr-01				WB-AMR

BREVETS - ACELP - G2

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Gain-smoothing Amplifier Device and Method in Codecs for Wideband Speech and Audio Signals
(Bruno Bessette, Redwan Salami, Roch Lefebvre)

Code	Country	Prior Date	Appl. No.	Filing Date	Exam. Request	Patent No.	Delivery Date	Standard
VAC 700	CA	18-Nov-99	2,290,037	18-Nov-99				WB-AMR
VAC 700	PCT	18-Nov-99	PCT/CA00/01381	17-Nov-00				WB-AMR

BREVETS - ACELP - G2

VoiceAge Corporation

A Method for Indexing Pulse Positions and Signs in Algebraic Codebooks for Efficient Coding of Wideband Signals
(Bruno Bessette)

Code	Country	Prior Date	Appl. No.	Filing Date	Exam. Request	Patent No.	Delivery Date	Standard
VAC 800	CA	22-Nov-00	2,327,041	22-Nov-00				WB-AMR
VAC800	PCT							