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WORLD INTELLECTUAL PROPERTY ORGANIZATION
 GENEVA

**SPECIAL UNION FOR THE INTERNATIONAL PATENT CLASSIFICATION
 (IPC UNION)**

COMMITTEE OF EXPERTS

Thirtieth Session
Geneva, February 19 to 23, 2001

REQUESTS FOR REVISION OF THE
 INTERNATIONAL PATENT CLASSIFICATION (IPC)

Document prepared by the International Bureau

1. This document contains IPC revision requests received by the International Bureau, as indicated below:

<u>Annex</u>	<u>Subclass</u>	<u>Requesting Office</u>
1	G 06 F	DE
2	H 04 B	EP
3	H 04 B	EP

2. *The Committee of Experts is invited to consider the revision requests contained in Annexes 1 to 3 to this document for inclusion in the IPC revision program.*

[Annexes follow]

ANNEX I/ANNEXE I

REQUEST FOR REVISION OF THE IPC

Class(es) or subclass(es):**G06F**.....

1. Demarcation of the area
to be revised:

G06F 17/60

2. Reasons for the request (see
stage B(b)):

Explanation of (b) and (c)
(revision requests without detailed explanation
of these reasons are likely to be rejected):

(a) X-notation(s)
(Category-A request)

(b) Clarification of wordings
(Category-B request)

(c) Other reasons
(Category-C request) **..X.. extended file size**

ATTENTION: Acceptance of the request depends on file size
and file growth of the PCT minimum documentation (see Stage
B(b)(iii)), or on sufficiently persuasive reasons (see Stage B(d)).

3. For requests under 2.(c):

(a) File size
(country of origin, number of documents) **> 19 000**

(b) Rate of growth
(country of origin, number of documents) **> 850 / year**

(c) Activity
(searches per year) **> 80 / year**

4. Detailed proposal:

Submitted
herewith

 X

We are prepared
to elaborate it

We are not in a position
to elaborate it

5. General outline, possible solutions, options, etc.: **additional subgroups as shown in the enclosed detailed proposal**

Proposing Office:**German Patent and Trade Mark Office**.....

Date:**07.12.2000**..... Signature:.....**A.Okelmann**.....

DEUTSCHES PATENT- UND MARKENAMT German Patent and Trade Mark Office	Class/Subcl.: G06F
	Date : 07.12.2000
DE - Detailed Proposal — C	

Proposed new subgroups to G06F 17/06:

DE - Proposal for new Subgroups in G06F 17/60			
	G06F 17/60	•	Administrative....(as in IPC ⁷)
N	G06F 17/60 A	••	Office automation
N	G06F 17/60 A2	•••	by means of electronic mail
N	G06F 17/60 A4	•••	by means of time management, e.g. calendars, reminders
N	G06F 17/60 B	••	Data processing in buying-selling transactions
N	G06F 17/60 B2	•••	Advertisement and marketing
N	G06F 17/60 B4	•••	Coupons and crediting
N	G06F 17/60 B6	•••	Stock broking; financial accounts; banking transactions, e.g. buying and selling of bonds
N	G06F 17/60 B8	•••	Centrally controlled vending systems for products, services, real estates or the like
N	G06F 17/60 B10	•••	Strategies to get articles, statistics, charts or the like, e.g. search engines
N	G06F 17/60 B12	•••	Billing or invoicing
N	G06F 17/60 B12A	••••	Billing in hotel and catering trades
N	G06F 17/60 B12B	•••••	Employment of smart and credit cards or the like
N	G06F 17/60 B16	•••	Auction systems
N	G06F 17/60 B18	•••	Registration of mistakes, fraud management
N	G06F 17/60 B20	•••	Securing banking transactions, stock broking or buying and selling of goods
N	G06F 17/60 C	••	Organisation, forecasting or planning
N	G06F 17/60 C2	•••	Control systems for business events and work routines; performance of orders
N	G06F 17/60 C4	••••	Stocktaking
N	G06F 17/60 C6	•••	Storekeeping and distribution of goods; logistics
N	G06F 17/60 C8	•••	Reservations, e.g. of seats or travels
N	G06F 17/60 C10	•••	Optimization of production processes and plannings
N	G06F 17/60 D	••	Accounting; wages slips; tax calculation; insurance rates
N	G06F 17/60 D2	•••	Account balancing
N	G06F 17/60 D4	•••	Risk analysis, e.g. for insurance, pensions
N	G06F 17/60 E	••	Betting on the outcome of an event
N	G06F 17/60 E2	•••	Games of chance, e.g. in casinos

We tried to find subgroups, which are as close as possible to existing ECLA-groups.

A.Okelmann

[Annex II follows/
L'annexe II suit]

ANNEX II/ANNEXE II

REQUEST FOR REVISION OF THE IPC

Class(es) or subclass(es):**H04B**.....

1. Demarcation of the area to be revised: **H04B7/185**

2. Reasons for the request (see stage B(b)):

Explanation of (b) and (c)
(revision requests without detailed explanation of these reasons are likely to be rejected):

(a) X-notation(s)
(Category-A request)

(b) Clarification of wordings
(Category-B request)

(c) Other reasons
(Category-C request) **..X.. emerging technology only broadly covered by the current IPC**

ATTENTION: Acceptance of the request depends on file size and file growth of the PCT minimum documentation (see Stage B(b)(iii)), or on sufficiently persuasive reasons (see Stage B(d)).

1. For requests under 2.(c):

(a) File size
(country of origin, number of documents) **> 4000 documents**

(b) Rate of growth
(country of origin, number of documents) **> 400 / year**

(c) Activity
(searches per year) **> 150 / year**

1. Detailed proposal:

Submitted herewith <u> X </u>	We are prepared to elaborate it <u> </u>	We are not in a position to elaborate it <u> </u>
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1. General outline, possible solutions, options, etc.: **This technology field has become particularly active in the recent years due to the growth of wireless telephony and internet. The proposed scheme aims at providing more appropriate places for such an emerging field.**

Proposing Office:**European Patent Office**.....
Date:**18.12.2000**..... Signature:.....**P. Foglia**.....



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- C H04B7/155 . . . Ground-based systems (7/204 takes precedence)
- N H04B7/160 . . . Airborne systems (7/185 and 7/204 take precedence)
[WO 99/22456, WO 97/33790]
- C H04B7/170 . . . Space-based or satellite systems (7/204 takes precedence)
[WO 98/49839, WO 98/45956, EP 0 920 146, EP 0 854 590]
- N H04B7/172 Systems of inter linked satellites, i.e. inter satellite service (for
optical links between satellites 10/105)
[US 5,579,536, GB 2 134 353]
- N H04B7/174 Satellite systems for providing broadcast service to terrestrial
stations, i.e. broadcast satellite service
[EP 1 014 608, US 5,995,495]
- N H04B7/176 Satellite systems for providing two-way communications
service to a network of fixed stations, i.e. fixed satellite service
or very small aperture terminal (VSAT) systems
[WO 99/26358, EP 0 411 538, US 0,472,512]
- N H04B7/178 Satellite systems for providing telephony service to a mobile
station, i.e. mobile satellite service
[US 6,067,452, US 5,649,291, US 5,561,838]
- N H04B7/180 Satellite systems for providing narrow band data service to
fixed or mobile stations, e.g. using a minisatellite, a
microsatellite
[US 6,002,360, US 5,638,399]
- N H04B7/182 Satellite systems for providing broadband data service
[WO 99/45652, EP 0 719 062]

P. Foglia

[Annex III follows/
L'annexe III suit]

ANNEX III/ANNEXE III

REQUEST FOR REVISION OF THE IPC

Class(es) or subclass(es):**H04B**.....

1. Demarcation of the area to be revised: **H04B7/26**

2. Reasons for the request (see stage B(b)):
- Explanation of (b) and (c)
(revision requests without detailed explanation of these reasons are likely to be rejected):
- (a) X-notation(s)
(Category-A request)
- (b) Clarification of wordings
(Category-B request)
- (c) Other reasons
(Category-C request) **..X.. emerging technology only broadly covered by the current IPC**

ATTENTION: Acceptance of the request depends on file size and file growth of the PCT minimum documentation (see Stage B(b)(iii)), or on sufficiently persuasive reasons (see Stage B(d)).

1. For requests under 2.(c):
- (a) File size
(country of origin, number of documents) **> 4000 documents**
- (b) Rate of growth
(country of origin, number of documents) **> 400 / year**
- (c) Activity
(searches per year) **> 150 / year**

1. Detailed proposal:

Submitted herewith <u> X </u>	We are prepared to elaborate it <u> </u>	We are not in a position to elaborate it <u> </u>
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1. General outline, possible solutions, options, etc.: **The current IPC does not provide precise places for covering this technology, which is become particularly relevant in the recent years due to the growth of wireless telephony. The proposed scheme would establish a clear structure that would help bridging this gap.**

Proposing Office:**European Patent Office**.....
Date:**18.12.2000**..... Signature:.....**P. Foglia**.....

- N H04B7/30 . . . Arrangements for Wireless Physical Layer Control, e.g. for building up physical layer transmission capacity
[EP 0 977 380, EP 0 715 478]
- N H04B7/32 . . . Arrangements for Wireless Medium Access Control, e.g. for allocating physical layer transmission capacity
[WO00/07399, US 5,982,742]
- N H04B7/322 using hybrid Frequency-Time Division Multiple Access (FDMA-TDMA)
[EP 0 907 264, EP 0 650 305]
- N H04B7/324 using hybrid Code-Time Division Multiple Access (CDMA-TDMA)
[WO 99/22469, WO 99/20011]
- N H04B7/326 using Frequency Division Multiple Access (FDMA)
[EP 0 810 746, EP 0 697 772]
- N H04B7/328 using Common Wave
[WO 96/20541, US 5,481,258]
- N H04B7/330 using Code-Division or Spread Spectrum Multiple Access (CDMA)
[EP 1 005 177, EP 0 977 379]
- N H04B7/332 using Time-Division Multiple Access (TDMA)
[EP 0 984 583, EP 0 959 636]
- N H04B7/34 . . . Arrangements for Wireless System Synchronisation
[EP 1 014 601, EP 0 911 993]

P. Foglia

[End of Annex III and of document/
Fin de l'annexe III et du document]