

Señor

SUPERINTENDENTE DE INDUSTRIA Y COMI

DIVISIÓN DE NUEVAS CREACIONES

E.

S.

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 08-125927- -00003-0000

Fecha: 2009-03-24 16:04:06 Dep. 2020 NUECREACION
Tra. 11 PATENTEIYII Eve: 378 FASENACIONALI
Act. 444 RESPUESTAREQUE Folios: 24

D.

Re: P1.-TELKOM SA LIMITED.-Solicitud de Patente de Invención en Fase Nacional PCT para "UN DISPOSITIVO DE ACCESO A RED DE TELECOMUNICACIONES".-Clase H04L 12/56.-Expediente número 08-125.927.-

1. Me refiero al auto dictado por ese Despacho notificado por fijación en lista de 19 de Diciembre de 2008 y a mi memorial de plazo de 13 de Febrero de 2009.

2. Dando cumplimiento al mencionado requerimiento, atentamente me permito presentar a ese Despacho el documento que acredita el traspaso, que los autores de la patente de la referencia hacen a favor de mi representado, de los derechos sobre la misma, debidamente apostillado, junto con la Traducción Oficial número 2009-03-11-146, legalizada hasta por el Ministerio de Relaciones Exteriores de Colombia bajo el número 977749, de 12 de Marzo de 2009.

3. Por otra parte, tal y como fue requerido por este Despacho en el auto mencionado anteriormente, me permito presentar fotocopia, debidamente autenticada por Notario Público, del documento que acredita a la SUSCRITA y/o al doctor GUSTAVO TAMAYO y/o al doctor IGNACIO SANTAMARIA y/o al doctor ENRIQUE ALVAREZ en los términos del parágrafo 1º del Artículo 543 del Decreto-Ley 410 de 1971, como Representantes Legales en Bogotá para todos los asuntos relacionados con la Propiedad Industrial de la sociedad **TELKOM SA LIMITED**, sociedad organizada y existente de conformidad con las leyes de Sur África.

En consecuencia, atentamente solicito a ese Despacho reconocerme personería en este asunto, de conformidad con el documento de Representación Legal, para todos los asuntos de la Propiedad Industrial en

JOSE LLOREDA CAMACHO & CO.

Calle 72 No. 5-83 Piso 5, Bogotá, D.C. Tel: 6069700 Fax 6069701

Bogotá de la sociedad **TELKOM SA LIMITED**, otorgado a favor de la **SUSCRITA (ALICIA LLOREDA)** y/o al doctor GUSTAVO TAMAYO y/o al doctor IGNACIO SANTAMARIA y/o al doctor ENRIQUE ALVAREZ de acuerdo con las copias debidamente autenticadas ante Notario Público que adjunto al presente expediente (Artículos 26 y 39 de la Decisión 486 de la Comunidad Andina de Naciones).

4. Con el texto del documento mencionado presento, así mismo, fotocopias, debidamente autenticadas por Notario Público, de:

- (a) Certificado Notarial expedido el 15 de Enero de 2009, que acredita la existencia y representación del solicitante debidamente apostillado; y
- (b) Copia autentica de la traducción Oficial No. 2009-03-11-145, correspondiente a las partes pertinentes del documento anterior, también debidamente legalizada hasta por el Ministerio de Relaciones Exteriores bajo el número 977748 de 12 de Marzo de 2009.

5. Adicionalmente, anexo me permito presentar a usted:

- (a) Documento completo del Reporte de Búsqueda Internacional; y
- (b) Documento completo del Reporte Preliminar Internacional sobre Patentabilidad y Opinión Escrita de la Autoridad de Búsqueda Internacional.

6. Ruego a usted tomar atenta nota de lo anterior y proceder de conformidad.

Señor Superintendente,


ALICIA LLOREDA RICAURTE

T.P. 53.215

25

TRADUCCION OFICIAL No. 2009-03-11-146
DE UN DOCUMENTO ESCRITO EN INGLES

APOSTILLA

(Convención de La Haya del 5 de octubre de 1961)

1. País: República de Sur Africa
Este documento público
2. ha sido firmado por HERMANUS GEORGE BLIGNAUT
3. actuando como Notario Público
4. lleva el sello/estampilla de HERMANUS GEORGE BLIGNAUT, Notario Público del Tribunal Superior de Sur Africa

Certificado

5. en Pretoria en la Provincia de Gauteng
6. el 04 de marzo de 2009
7. por el señor D.M. Pietersen, Registrador del Tribunal Superior en la División Provincial de Gauteng
8. No. 312/2009
9. Sello/Estampilla
10. Firma: (ilegible)
Registrador del Tribunal Superior de Pretoria

Certificado Notarial, documento escrito en inglés y en español.

Hermanus George Blignaut
Notario Público
Gauteng

Traspaso de la invención llamada "Un Dispositivo de Acceso a Red de Telecomunicaciones", documento escrito en inglés y en español.

Traducido según mi mejor saber y entender, este día 11 de marzo de 2009, en la ciudad de Bogotá, D.C., por Anita Escobar de Tamayo, Traductora Oficial, Res. 2177 de 1989, Ministerio de Justicia, República de Colombia.

TRADUCTORA OFICIAL
ES. 2177/89 MINJUSTICIA
Anita Escobar de Tamayo
ANITA ESCOBAR DE TAMAYO

APOSTILLE

(Convention de La Haye du 5 Octobre 1961)

1. Country **REPUBLIC OF SOUTH AFRICA**

The Public document

2. has been signed by HERMANUS GEORGE BLIGNAUT

3. acting in the capacity of a NOTARY PUBLIC

4. bears the seal/stamp of HERMANUS GEORGE BLIGNAUT, Notary Public of the High Court of South Africa

CERTIFIED

5. At Pretoria in the Province of Gauteng

6. the 04th DAY OF MARCH 2009

7. by MR. D. M. PIETERSEN, SENIOR

Registrar of the High Court in the Gauteng Provincial Division

8. No. 312/2009

9. Seal/stamp

10. Signature



CERTIFICADO NOTARIAL

NOTARIAL CERTIFICATE

A los días del mes de de 2009,
compareció personalmente ante mí,

On this **25** day of **February** 2009
personally appeared before me,

Notario Público,

a Notary Public, **Hermanus George Blignaut**

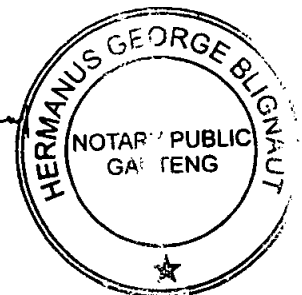
a quien doy fé de conocer y me consta que
la persona descrita y firmante
del documento que precede, declarando ante mí que
otorga el mismo para los fines y propósitos que
en él se expresan.

to me known and known to me to be the person
described in and who executed the foregoing
document, and duly acknowledged to
me that executed the same for
the uses and purposes therein expressed.

Notario Público

Notary Public

Hermanus



ASSIGNMENT

The undersign,

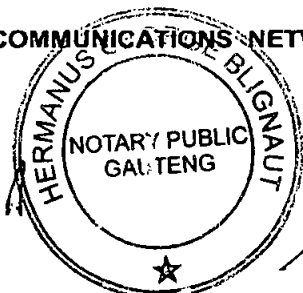
1. DE WET, Andries Petrus
2. LUBBE, Barend Jacobus
3. VAN DER MERWE, Dawid Jacobus
4. VAN DER WALT, Douglas Ulyate
5. OLIVIER, Gerhardus Cornelius Johannes Jakobus
6. GOUWS, Henko
7. POS, Jason Gregory
8. BEUKES, Marius Arnold
9. SKOSAN, Marshalleno
10. DE BRUINE, Mome
11. BADENHORST, Petrus Johannes

domiciled in

1. 675 Viscount Street, Elarduspark, 0181, Pretoria, South Africa
2. 1169 Klipmossie Street, Montanapark, 0182, Pretoria, South Africa
3. 331 Amaryllys Avenue, Doornpoort, 0017, Pretoria, South Africa
4. 73 Okkerneut Singel, Doornpoort, 0017, Pretoria, South Africa
5. 498 Ridgeview Road, Waterkloofrif Ext 2, 0181, Pretoria, South Africa
6. 159 Rabie Street, Meyerspark, 0184, Pretoria, South Africa
7. 7 Impala North, 629 Saponaria Street, 0182, Pretoria North, South Africa
8. 22 Boshof, Witpoortjie, 1724, Roodepoort, South Africa
9. 53 Fairview Village, Saliehout Street, Annlin, 0082, Pretoria, South Africa
10. 25 Kembali Kentucky Street, Faerie Glen, 0081, Pretoria, South Africa
11. 63 Shingara Sands, Petroy Avenue, Fourways, 2067, Sandton, South Africa

hereby state under oath to be sole and true inventor of

A TELECOMMUNICATIONS NETWORK ACCESS DEVICE



TRASPASO

Los abajo firmados

1. DE WET, Andries Petrus
2. LUBBE, Barend Jacobus
3. VAN DER MERWE, Dawid Jacobus
4. VAN DER WALT, Douglas Ulyate
5. OLIVIER, Gerhardus Cornelius Johannes Jakobus
6. GOUWS, Henko
7. POS, Jason Gregory
8. BEUKES, Marius Arnold
9. SKOSAN, Marshalleno
10. DE BRUINE, Mome
11. BADENHORST, Petrus Johannes

Domiciliado en

1. 675 Viscount Street, Elarduspark, 0181, Pretoria, Sur África
2. 1169 Klipmossie Street, Montanapark, 0182, Pretoria, Sur África
3. 331 Amaryllys Avenue, Doornpoort, 0017, Pretoria, Sur África
4. 73 Okkerneut Singel, Doornpoort, 0017, Pretoria, Sur África
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10. 25 Kembali Kentucky Street, Faerie Glen, 0081, Pretoria, Sur África
11. 63 Shingara Sands, Petroy Avenue, Fourways, 2067, Sandton, Sur África

declaramos bajo juramento ser únicos y verdaderos inventores de

State, as well that assign, without reservations or limitation, in favor of

TELKOM SA LIMITED

A corporation organized and existing under the laws of the Republic of South Africa

domiciled at

152 Proes Street, Pretoria, South Africa

all rights inherent to said invention, and that the above mentioned corporation hereby is enabled to apply, in its name, for the corresponding patent in the Republic of Colombia.

Declaramos así mismo que cedemos y transferimos sin reserva ni limitación, a favor de

TELKOM SA LIMITED

Una sociedad organizada y existente de conformidad con las leyes de la República de Sur África

domiciliada en

152 Proes Street, Pretoria, Sur África

todos los derechos inherentes a dicha invención y que la citada sociedad queda facultada para solicitar en su nombre la patente correspondiente en la República de Colombia

x 

de Wet, Andries Petrus

x 

Lubbe, Barnd Jacobus

x 

van der Merwe, David Jacobus

x 

van der Walt, Douglas Ulyate

x 

Olivier, Gerardus Cornelius Johannes Jakobus

x 

Gouw, Henko

x 

Pos, Jason Gregory

x 

Beukes, Marius Arnold

x 

Skosan, Marshalleno

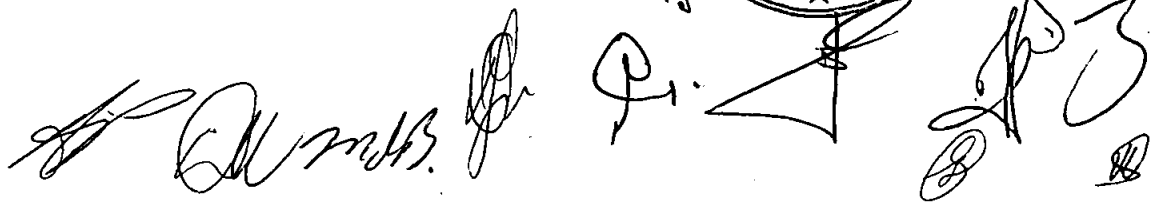
x 

De Bruine, Morné

x 

Badenhorst, Petrus Johannes





TRADUCCION OFICIAL No. 2009-03-11-145
DE UN DOCUMENTO ESCRITO EN INGLES

APOSTILLA

(Convención de La Haya del 5 de octubre de 1961)

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- 3. actuando como Notario Público
- 4. lleva el sello/estampilla de HERMANUS GEORGE BLIGNAUT
- Público del Tribunal Superior de Sur Africa

Certificado

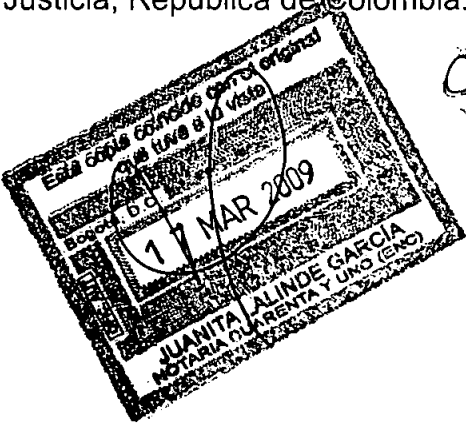
- 5. en Pretoria en la Provincia de Gauteng
- 6. el 04 de marzo de 2009
- 7. por el señor D.M. Pietersen, Registrador del Tribunal Superior en la División Provincial de Gauteng
- 8. No. 313/2009
- 9. Sello/Estampilla
- 10. Firma (legible)
- Registrador del Tribunal Superior de Pretoria

Certificado Notarial, documento escrito en inglés y en español

Hermanus George Blignaut
Notario Público
Gauteng

Poder de Representación Legal, documento escrito en inglés y en español.

Traducido según mi mejor saber y entender, este día 11 de marzo de 2009, en la ciudad de Bogotá, D.C., por Anita Escobar de Tamayo, Traductora Oficial, Res. 2177 de 1989, Ministerio de Justicia, República de Colombia.



TRADUCTORA OFICIAL
RES. 2177/89 MINJUSTICIA
Anita Escobar de Tamayo
ANITA ESCOBAR DE TAMAYO

APOSTILLE

(Convention de La Haye du 5 Octobre 1961)

1. Country **REPUBLIC OF SOUTH AFRICA**

The Public document

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3. acting in the capacity of a NOTARY PUBLIC

4. bears the seal/stamp of HERMANUS GEORGE BLIGNAUT, Notary Public of the High Court of South Africa

CERTIFIED

5. At Pretoria in the Province of Gauteng

6. the 04th DAY OF MARCH 2009

7. by MR. D. M. PIETERSEN, SENIOR

Registrar of the High Court in the Gauteng Provincial Division

8. No. 313/2009

9. Seal/stamp

10. Signature




CERTIFICADO NOTARIAL (SOCIEDAD)

Estado de **Johannesburg** {ss
Condado de **South Africa**
Hoy **15** de **Enero** de 2009,
compareció
Anton Ignatius Kloppe r

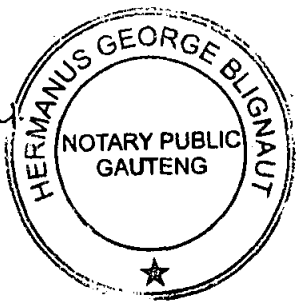
a quien conozco y de quien me consta que firmó el anterior documento, y quien debidamente juramentado declaró y dijo que él es

de **TELKOM SA LIMITED**, la compañía nombrada en el documento que antecede, una sociedad debidamente organizada y existente conforme a las leyes del Estado de **South Africa**, domiciliada en la ciudad de **Johannesburg** Condado **Gauteng** de

Estado de **South Africa**, legalmente constituida para un período de duración que aún no ha terminado, que ejerce su objeto social; conforme a las leyes del Estado de **South Africa**; que el declarante está autorizado por dicha Compañía para conferir este poder; que el sello estampado por él al pie de tal poder, en nombre y en representación de la expresada Compañía, es el sello oficial de ella; y que el objeto para el cual se confiere este instrumento está comprendido dentro del de la sociedad.
El suscrito Notario ha visto los Estatutos de incorporación firmados en **Johannesburg** Estado de **Gauteng**, con fecha , y certifica que de conformidad con la legislación de dicho Estado la anterior declaración juramentada es prueba suficiente de que los hechos sobre que ella versa son ciertos o verdaderos, de lo cual da fe.

Notary Public (Notario Público).

[Signature]



NOTARIAL CERTIFICATE (CORPORATION)

State of **Johannesburg** {ss
County of **South Africa**
On this **15** day of **January** 2009,
personally came
Anton Ignatius Kloppe r

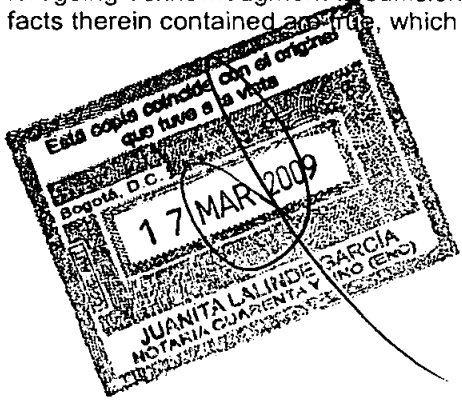
to me known, and known to me to be the person who signed the foregoing instrument, who being by me duly sworn did depose and say that he is the **Group Executive-Legal Services**

of **TELKOM SA LIMITED**, the company named within, a Corporation organized and existing under the laws of the State of **South Africa**

domiciled at the City of **Johannesburg** County of **Gauteng** State of **South Africa**

, legally constituted for a period of tenure not yet expired, which exercises its corporate purposes according to the laws of the State of **South Africa**; that the deponent is authorized by said Company to confer this power of attorney; that the seal affixed hereunto by the deponent in the name and on behalf of said Corporation is the corporate seal thereof; and that the purpose for which this instrument is granted is included within the corporate purposes of the Company.

The undersigned Notary Public has seen the articles of Incorporation of said Corporation executed at **Johannesburg**, State of **Gauteng**, under date of , and hereby certifies that under the laws of said State the foregoing acknowledgment is sufficient proof that the facts therein contained are true, which he attests.



Los abajo firmados,

TELKOM SA LIMITED, una compañía organizada y existente bajo las leyes de la República de South Africa,

con domicilio en

152 Proes Street, Pretoria, South Africa

nombramos por el presente a ALICIA LLOREDA y/o GUSTAVO TAMAYO y/o IGNACIO SANTAMARIA y/o ENRIQUE ALVAREZ, domiciliados en Bogotá, Colombia, con oficinas en dicha ciudad, Calle 72 No. 5-83, piso 6o., nuestros representantes legales y verdaderos en Bogotá, con facultades para recibir notificaciones y nombrar apoderados judiciales o extrajudiciales, con el fin de dar cumplimiento al parágrafo 1o. del artículo 543 del decreto 410 de 1971.

Los doctores ALICIA LLOREDA y/o GUSTAVO TAMAYO y/o IGNACIO SANTAMARIA y/o ENRIQUE ALVAREZ, o los apoderados que cualquiera de ellos designe, quedan especialmente facultados para representarnos ante las autoridades colombianas, administrativas, judiciales o de policía, en todos los trámites relativos a la propiedad industrial, a cuyo efecto les facultamos para dar ante dichas autoridades todos los pasos necesarios al objeto indicado; elevar solicitudes, declaraciones, reclamos, recursos y presentar desistimientos; formular descripciones, enmiendas, limitar el alcance de las solicitudes, presentar oposiciones y apelaciones; instaurar cancelaciones, renunciar total o parcialmente a los registros, abonar todos los impuestos y cuotas y efectuar todo otro pago determinado por la ley; recibir todos los documentos y valores, dando el descargo respectivo; llenar cualesquiera otros requisitos y tomar, en fin, todas las medidas que creyeren conducentes al resguardo de nuestros intereses; y en caso de producirse oposición, pasando los antecedentes a los tribunales, quedan facultados para tomar intervención como demandantes o demandados ante los jueces que sean competentes, pudiendo transar, someter a árbitros, desistir, percibir y apelar, con todas las demás facultades que resulten necesarias, y por el presente declaramos desde ahora válido y bueno cuanto dichos representantes y/o los apoderados que cualquiera de ellos nombre hicieren en nuestro beneficio.

Asimismo, facultamos a los doctores ALICIA LLOREDA y/o GUSTAVO TAMAYO y/o IGNACIO SANTAMARIA y/o ENRIQUE ALVAREZ, para solicitar en la Oficina de Propiedad Industrial la protocolización de este documento y de cualquier poder que cualquiera de ellos otorgue a nombre nuestro.

Dado y firmado



The undersigned,

TELKOM SA LIMITED, a company organized and existing under the laws of the Republic of South Africa,

domiciled at

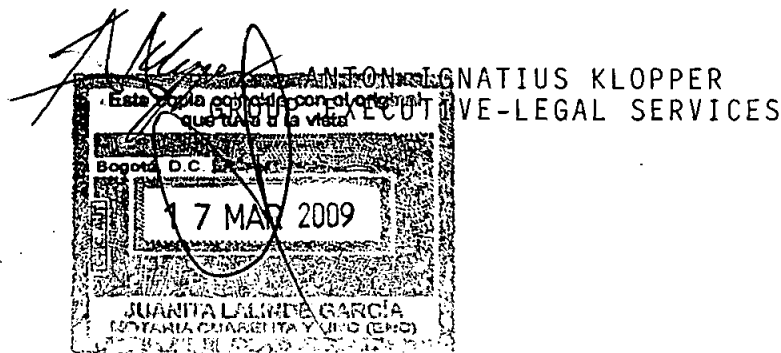
152 Proes Street, Pretoria, South Africa

hereby appoint, ALICIA LLOREDA and/or GUSTAVO TAMAYO and/or IGNACIO SANTAMARIA and/or ENRIQUE ALVAREZ, of Bogota, Colombia, with offices in said town, Calle 72 No. 5-83, Sixth Floor, our true and legal representatives in Bogotá, with power to receive notifications and to appoint judicial or extrajudicial agents, so as to comply with paragraph 1o. of article 543 of decree 410 of 1971.

Doctors ALICIA LLOREDA and/or GUSTAVO TAMAYO and/or IGNACIO SANTAMARIA and/or ENRIQUE ALVAREZ, or the agents by any one of them appointed, are especially empowered to represent us before the administrative, judicial or police authorities of Colombia, in all proceedings pertaining to industrial property, for which purpose we authorize them to take before the said authorities all the necessary steps for the said end; to file petitions, declarations, claims, recourses and withdrawals, to draw up specifications; to file amendments, to limit the scope of applications, file oppositions; file cancellations total or partially waive registrations, to pay all installments and effect all other payments prescribed by law; to receive proper receipts, to comply with all other requirements and, in short, to take all those measures which they may deem fit for the protection of our interests; and in case of opposition, where the proceedings be passed over to the courts, we authorize said agents to act on our behalf, as complainants as well as defendants, before the competent judges, with full powers to make arrangements, to submit to arbitrators, to desist, to collect, to appeal and, in short, with all such further powers as may be required, and we hereby declare from now on as valid and good all that said representatives and/or the agents by any one of them appointed may do for our benefit.

We also authorize doctors ALICIA LLOREDA and/or GUSTAVO TAMAYO and/or IGNACIO SANTAMARIA and/or ENRIQUE ALVAREZ, to apply for protocolization of this document and of any power of attorney by any one of them conferred in our name, before the Office of Industrial Property.

Given and signed this 15th day of JANUARY, 2008



INTERNATIONAL SEARCH REPORT

International application No

PCT/IB2007/051872

A. CLASSIFICATION OF SUBJECT MATTER

INV. H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	UNKNOWN: "Top-of-the-line FRITZ Box Fon WLAN 7170 at center stage of AVM's trade fair stand?Internet telephony without a PC?Ready for ADSL2+ First Live Presentation with New WLAN Stick" AVM FRITZ BOX FON WLAN 7170, [Online] 9 March 2006 (2006-03-09), pages 1-3, XP002452068 Press Information CeBIT Retrieved from the Internet: URL: http://www.avm.de/en/press/announcements/2006/pdf/AVM_PI_Cebit_2006_FRITZ_Box_Fon_WLAN_7170_e.pdf [retrieved on 2007-09-07] the whole document ----- -/--	1-5,8,10

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family.

Date of the actual completion of the international search

28 September 2007

Date of mailing of the international search report

25/11/2008

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040,
Fax: (+31-70) 340-3016

Authorized officer

Raible, Markus

INTERNATIONAL SEARCH REPORT

International application No

PCT/IB2007/051872

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 571 818 A (DEWE SYSTEMS GMBH [DE]) 7 September 2005 (2005-09-07) the whole document	1-5,8,10
X	US 6 760 333 B1 (MOODY MICHAEL J [US] ET AL) 6 July 2004 (2004-07-06) column 3, line 10 - line 22; figure 2	1-5,8,10
X	US 2004/103235 A1 (LIU PEI-CHUNG [TW]) 27 May 2004 (2004-05-27) paragraphs [0016], [0019]; figures 3,5	1,4,5,8, 10
X	US 2002/119800 A1 (JAGGERS CHRISTOPHER M [US] ET AL) 29 August 2002 (2002-08-29) paragraphs [0013], [0028], [0029], [0034]; claim 18; figures 1b-1d	1,4,5,8, 10

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2007/051872

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers allsearchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search reportcovers only those claims for which fees were paid, specifically claims Nos.:

4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1 - 5, 8, 10

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-5,8,10

A modem with various ports, comprising a USB port;
configurable translation and various implementation features
(processor to control the device, memory module to store
software to operate the device)

2. claim: 6

An optical isolation for an RS232 serial port

3. claim: 7

Modular construction of a modem

4. claim: 9

An on board power DC-DC converter

5. claim: 11

A plurality of status indicators showing which protocol the
device is being connected to

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INTERNATIONAL SEARCH REPORT

International application No

PCT/IB2007/051872

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1571818	A	07-09-2005	DE 102004010991 A1	29-09-2005
			US 2006034230 A1	16-02-2006
US 6760333	B1	06-07-2004	NONE	
US 2004103235	A1	27-05-2004	NONE	
US 2002119800	A1	29-08-2002	NONE	

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

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Applicant's or agent's file reference PA141832/PCT	FOR FURTHER ACTION		See item 4 below
International application No. PCT/IB2007/051872	International filing date (<i>day/month/year</i>) 16 May 2007 (16.05.2007)	Priority date (<i>day/month/year</i>) 16 May 2006 (16.05.2006)	
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237			
Applicant TELKOM SA LIMITED			

1.	This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).																								
2.	This REPORT consists of a total of 9 sheets, including this cover sheet. In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.																								
3.	This report contains indications relating to the following items: <table style="width: 100%;"> <tr> <td style="width: 10%;">☒</td> <td style="width: 30%;">Box No. I</td> <td style="width: 60%;">Basis of the report</td> </tr> <tr> <td>☐</td> <td>Box No. II</td> <td>Priority</td> </tr> <tr> <td>☐</td> <td>Box No. III</td> <td>Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</td> </tr> <tr> <td>☒</td> <td>Box No. IV</td> <td>Lack of unity of invention</td> </tr> <tr> <td>☒</td> <td>Box No. V</td> <td>Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</td> </tr> <tr> <td>☐</td> <td>Box No. VI</td> <td>Certain documents cited</td> </tr> <tr> <td>☒</td> <td>Box No. VII</td> <td>Certain defects in the international application</td> </tr> <tr> <td>☐</td> <td>Box No. VIII</td> <td>Certain observations on the international application</td> </tr> </table>	☒	Box No. I	Basis of the report	☐	Box No. II	Priority	☐	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability	☒	Box No. IV	Lack of unity of invention	☒	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	☐	Box No. VI	Certain documents cited	☒	Box No. VII	Certain defects in the international application	☐	Box No. VIII	Certain observations on the international application
☒	Box No. I	Basis of the report																							
☐	Box No. II	Priority																							
☐	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability																							
☒	Box No. IV	Lack of unity of invention																							
☒	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement																							
☐	Box No. VI	Certain documents cited																							
☒	Box No. VII	Certain defects in the international application																							
☐	Box No. VIII	Certain observations on the international application																							
4.	The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis .2).																								

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Date of issuance of this report 16 December 2008 (16.12.2008)
Facsimile No. +41 22 338 82 70	Authorized officer Cecile Chatel
e-mail: ro.ib@wipo.int	

PATENT COOPERATION TREATY

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From the
INTERNATIONAL SEARCHING AUTHORITY

To:

see form PCT/ISA/220

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY
(PCT Rule 43bis.1)

Date of mailing
(day/month/year) see form PCT/ISA/210 (second sheet)

Applicant's or agent's file reference
see form PCT/ISA/220

FOR FURTHER ACTION
See paragraph 2 below

International application No.
PCT/B2007/051872

International filing date (day/month/year)
16.05.2007

Priority date (day/month/year)
16.05.2006

International Patent Classification (IPC) or both national classification and IPC
INV. H04L12/56

Applicant
TELKOM SA LIMITED

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☒ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☒ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA:



European Patent Office
D-80298 Munich
Tel. +49 89 2399 - 0 Tx: 523656 epmu d
Fax: +49 89 2399 - 4465

Date of completion of
this opinion

see form
PCT/ISA/210

Authorized Officer

Raible, Markus

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**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/IB2007/051872

Box No. I Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of:

- ☒ the international application in the language in which it was filed
- ☐ a translation of the international application into , which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1 (b)).

2. ☐ This opinion has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43bis.1(a))

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

a. type of material:

- ☐ a sequence listing
- ☐ table(s) related to the sequence listing

b. format of material:

- ☐ on paper
- ☐ in electronic form

c. time of filing/furnishing:

- ☐ contained in the international application as filed.
- ☐ filed together with the international application in electronic form.
- ☐ furnished subsequently to this Authority for the purposes of search.

4. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

5. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING
AUTHORITY (SEPARATE SHEET)**

International application No.

PCT/IB2007/051872

document):

A telecommunications network access device for receiving and transmitting data ("FRITZ!Box Fon WLAN 7170"), the network access device comprising:

a plurality of ports that can each transmit and receive data from a telecommunications device, the telecommunications device operating in terms of an associated protocol and being arranged to transmit and receive data in a format associated with the protocol (e.g. description on page 1, disclosing LAN ports (Ethernet ports), WLAN ports, analog phones, ISDN phones);

a plurality of ports connected to another telecommunications device or to a communications network so that data can be transmitted and received from the network access device to the other telecommunications device or to the communications network (e.g. description on page 1, disclosing LAN ports (Ethernet ports), WLAN ports, ADSL and ADSL2+ ports); and

a USB port (page 3, "More connectivity options with New USB Host Port).

It is evident for the person skilled in the art that the device described in D1 is an ADSL modem including a router ("WLAN router with four LAN ports"). Moreover, it is said that "the FRITZ!Box connects not only PCs, but also networking devices [...] to the Internet". Hence, transmission and reception of data from/to devices and networks is implicitly disclosed.

The same passages and arguments also apply to the features of claim 4; consequently the subject-matter of claim 4 is also not new in the sense of Article 33(2) PCT.

2.2 The present application does not meet the criteria of Article 33(1) PCT, because:

- The subject-matter of claim 1 and claim 4 is also not new in the sense of Article 33(2) PCT with respect to Documents D2 to D5 (see passages cited in the search report)
- Dependent claims 2-3,5,8, and 10 do not contain any features which, in combination with the features of any claim to which they refer, meet the require-

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING
AUTHORITY (SEPARATE SHEET)**

International application No.

PCT/IB2007/051872

ments of the PCT in respect of novelty (Article 33(2) PCT) and/or inventive step (Article 33(3) PCT), the reasons being as follows:

The subject matter of claims 2,3, and 5 is already disclosed by D1 or D2.

The subject matter of claims 8 and 10 is regarded as a matter of normal design procedure.

Re Item VII

Certain defects in the international application

Contrary to the requirements of Rule 5.1(a)(ii) PCT, the relevant background art disclosed in the documents D1 to D5 is not mentioned in the description, nor are these documents identified therein.

Independent claim 1 is not in the two-part form in accordance with Rule 6.3(b) PCT.

The features of the claims are not provided with reference signs placed in parentheses (Rule 6.2(b) PCT).

REPUBLICA DE COLOMBIA
SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

Folio 48

2020
Bogotá D.C.,

Doctor(a)
LLOREDA RICAURTE ALICIA
Apoderado(a) y/o Representante de
TELKOM SA LIMITED

REFERENCIA	Radicación No.	8 125927
	Solicitud internacional	PCT/IB2007/051872
	Fecha inicio fase nacional	16/12/2008
	Trámite	11
	Evento	378
	Actuación	416
	Oficio No.	8291
	Folios	1

Teniendo en cuenta que la solicitud de privilegio de patente que se tramita bajo el expediente indicado en la referencia, reúne los requisitos de forma establecidos en la Decisión 486 de la Comisión de la Comunidad Andina, el Tratado de Cooperación en Materia de Patentes (PCT), el Reglamento y la Circular Única de la Superintendencia de Industria y Comercio, se envía el extracto de la solicitud a la Oficina de Comunicaciones para efecto de su publicación en la Gaceta de Propiedad Industrial.

Cúmplase

Dado en Bogotá DC,

93 JUN. 2009

ALIX CARMENZA CESPEDES DE VERGEL
Jefe de la división de Nuevas Creaciones

adpall

DIVISIÓN DE NUEVAS CREACIONES

RADICACIÓN EXPEDIENTE No.08-125927

EL EXTRACTO DE LA PRESENTE SOLICITUD DE **PATENTE DE INVENCION**
FUE PUBLICADO EN LA GACETA DE PROPIEDAD INDUSTRIAL No **607** DE
FECHA **31 DE AGOSTO DE 2009** EL TÉRMINO HÁBIL SEÑALADO POR LA
LEY EXPIRA EL **26 DE NOVIEMBRE DEL 2009**

NOTA: Dentro del plazo de los seis (6) meses siguientes a partir de la fecha de publicación en la gaceta de Propiedad Industrial, deberá solicitar y cancelar el examen de patentabilidad so pena de que la solicitud caiga en abandono, de acuerdo con lo establecido en el Artículo 44 de la Decisión 486/2000.

SE PRESENTARON OPOSICIONES POR PARTE DE TERCEROS.

SI ☐

NO ☒