

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
10 May 2007 (10.05.2007)

PCT

(10) International Publication Number
WO 2007/053478 A3

(51) International Patent Classification:

H04B 10/00 (2006.01) D01F 9/12 (2006.01)

(21) International Application Number:

PCT/US2006/042123

(22) International Filing Date: 27 October 2006 (27.10.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

11/263,539	31 October 2005 (31.10.2005)	US
11/263,554	31 October 2005 (31.10.2005)	US
11/263,540	31 October 2005 (31.10.2005)	US
11/263,656	31 October 2005 (31.10.2005)	US

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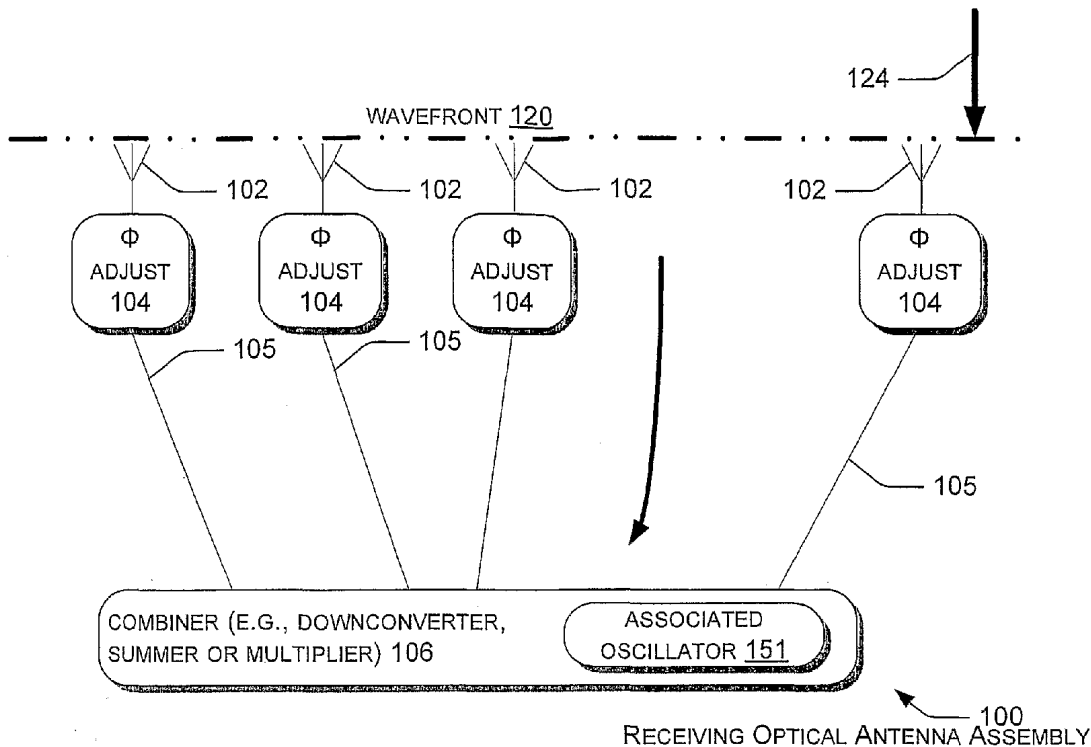
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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS,
JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS,
LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY,
MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS,
RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,
RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: OPTICAL ANTENNA ASSEMBLY



(57) Abstract: An optical antenna assembly including multiple optical antenna elements (102), each of the optical antenna elements are arranged in a regular pattern and carried by a supporting body (202). The regular pattern of the plurality of optical antenna elements is nonuniform. Certain ones of the optical antenna elements are configured to respond to the one or more waves of light.

WO 2007/053478 A3



Published:

— *with international search report*

(88) Date of publication of the international search report:

30 April 2009

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/42123

A. CLASSIFICATION OF SUBJECT MATTER

IPC: **H04B 10/00(2006.01);D01F 9/12(2006.01)**

USPC: 398/115-117;343/792.5

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)

U.S. : 398/115, 116, 117; 343/792.5

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 practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6700550 B2 (CROWLEY) 02 MARCH 2004 (02.03.2004) Figure 3, 4, 4a, and 4b	1-9, 76-85
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Y		10-75

Further documents are listed in the continuation of Box C.

See patent family annex.

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Date of the actual completion of the international search

11 February 2008 (11.02.2008)

Date of mailing of the international search report

19 FEB 2008

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