



Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 07-01)



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. 4		Application No.	Applicant(s)
Office Aut - 2		09/787,723	HILLESUND ET AL.
	Office Action Summary	Examiner	Art Unit
		Jesús D. Sotelo	3617
Period fo	The MAILING DATE of this communication a r Reply	appears on the cover sheet w	ith the correspondence address
Extension after: If the If NO Failur Any re	ORTENED STATUTORY PERIOD FOR REI MAILING DATE OF THIS COMMUNICATION issions of time may be available under the provisions of 37 CFR SX (6) MONTHS from the mailing date of this communication. period for reply specified above is less than thirty (30) days, a repariod for reply is specified above, the maximum statutory period for reply is specified above, the maximum statutory period for reply is specified above, the maximum statutory period for reply within the sot or contended period for reply will, by state ply received by the Office later than three months after the main dystant latern adjustment. See 37 CFR 1.704(b).	N. 1.135(a). In no event, however, may a r epty within the statutory minimum of thirt od will apply and will expire SIX (6) MON	reply be timely filed by (30) days will be considered timely. ITHS from the mailing date of this communication.
1)	Responsive to communication(s) filed on _		en 2
2a)		This action is non-final.	
3)□ Dispositic	Since this application is in condition for allo closed in accordance with the practice under on of Claims	wance except for formal mat	tters, prosecution as to the ments is D. 11, 453 O.G. 213.
4) 🖾	Claim(s) 25-48 is/are pending in the applica	tion.	
	a) Of the above claim(s) is/are withd		
5) 🗌	Claim(s)is/are allowed.		
	Claim(s) <u>25-48</u> Is/are rejected.		
	Claim(s) is/are objected to.		
	Claim(s) are subject to restriction and	/or election requirement	
pplication	on Papers	or occupintequirement,	
°9)∐ ⊤	he specification is objected to by the Examir	ner.	
	he drawing(s) filed on <u>02 July 2001</u> is/are: a		to by the Examiner.
	Applicant may not request that any objection to	the drawing(s) be held in abeya	nce. See 37 CFR 1,85(a).
11) 🔲 T	he proposed drawing correction filed on	is: a)☐ approved b)☐ di	sapproved by the Examiner.
	If approved, corrected drawings are required in r	eply to this Office action.	
12) 🗌 TI	he oath or declaration is objected to by the E	xaminer.	
iority ur	nder 35 U.S.C. §§ 119 and 120	41.50	
13) 🛛 🛚 A	Acknowledgment is made of a claim for foreig	n priority under 35 U.S.C. §	119(a)-(d) or (f).
a)[⊠	All b)☐ Some *c)☐ None of:		
1	. Certified copies of the priority documer	nts have been received.	
	Certified copies of the priority documen		polication No.
3	. Copies of the certified copies of the pri application from the International B e the attached detailed Office action for a lis	ority documents have been n	eceived in this National Stage
14) 🗌 Ac	knowledgment Is made of a claim for domes	tic priority under 35 U.S.C. &	119(e) (to a provisional application)
a) [15)∐ Ac	The translation of the foreign language pricknowledgment is made of a claim for domes	ovisional application has bee	en received.
tachment(s)		5
Notice of	of References Cited (PTO-892) of Draftsperson's Patent Drawing Review (PTO-948) tion Disclosure Statement(s) (PTO-1449) Paper No(s)		ommary (PTO-413) Paper No(s) formal Patent Application (PTO-152)

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DETAILED ACTION

1. Claims 25-48 are in the application. Claims 1-24 have been canceled.

Claim Rejections - 35 USC § 112

- The following is a quotation of the second paragraph of 35 U.S.C. 112:
 The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
- 3. Claims 31-48 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 31 and claim 32, the conditional phrases "may" make this claims indefinite for the subject matter is not positively recited. In claim 31, last line, there is no proper antecedent for "the turn".

In claim 44, the reference to "program units" is ambiguous and in line 2, the conditional phrase makes this claim indefinite.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

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(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

5. Claims 25-48 are rejected under 35 U.S.C. 103(a) as being unpatentable over Elholm.

Elholm discloses the method and apparatus as recited in the claims except that in the claims a plurality of positioning devices along the streamers is recited. The use of a plurality of positioning devices is well known in the art as evidenced from the disclosure in figure 1 of the present application and acknowledged as "Prior Art".

Conclusion

- The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Convoy and Dolengowski are cited as showing related art.
- 7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jesús D. Sotelo whose telephone number is 703-308-2563. The examiner can normally be reached on Mon. Fri. 6:00 AM -2:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Samuel J. Morano can be reached on 703-308-0230. The fax phone numbers for the organization where this application or proceeding is assigned are 703-305-3597 for regular communications and 703-305-3597 for After Final communications.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1113.

Primary Examiner

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sotelo;jds February 21, 2003

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