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(12) **United States Design Patent** (10) **Patent No.:** **US D785,673 S**
Cunnien et al. (45) **Date of Patent:** **** May 2, 2017**

(54) **AVIONICS DISPLAY SCREEN WITH COMPUTER ICON**

(71) Applicants: **Matthew Jacob Cunnien**, Marion, IA (US); **Michael Armstrong**, Central City, IA (US)

(72) Inventors: **Matthew Jacob Cunnien**, Marion, IA (US); **Michael Armstrong**, Central City, IA (US)

(73) Assignee: **Rockwell Collins, Inc.**, Cedar Rapids, IA (US)

(**) Term: **14 Years**

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(51) **LOC (10) Cl.** **14-04**

(52) **U.S. Cl.**
USPC **D14/492**; D14/490

(58) **Field of Classification Search**
USPC D14/485-495; D18/26; D20/11, 12
CPC G01C 23/005; G01C 23/00; B64D 43/00;
G06F 3/04817; G06F 3/0482; G06F 3/04842; G05D 1/0077; G08G 5/0013
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D252,560 S *	8/1979	Lonroth	.....	D10/68
6,381,519 B1 *	4/2002	Snyder	.....	B64D 43/00
				244/175
6,832,138 B1 *	12/2004	Straub	.....	G05D 1/0077
				244/1 R
7,176,937 B2 *	2/2007	Gannon	.....	G01C 23/005
				345/592
D594,469 S *	6/2009	Canu-Chiesa	.....	D14/492
D600,702 S *	9/2009	Osborne	.....	D14/492
D608,790 S *	1/2010	Canu-Chiesa	.....	D14/492

(Continued)

OTHER PUBLICATIONS

“Garmin G500H Helicopter Flight Display”, posted at navigadget.com, May 27, 2010, [site visited May 13, 2016]. Available from Internet: <<http://www.navigadget.com/index.php/2010/05/27/garmin-g500h-helicopter-flight-display>>.*

(Continued)

Primary Examiner — Karen Kearney

Assistant Examiner — John M Otte

(74) *Attorney, Agent, or Firm* — Angel N. Gerdzhikov; Donna P. Suchy; Daniel M. Barbieri

(57) **CLAIM**

The ornamental design for an avionics display screen with computer icon, as shown and described.

DESCRIPTION

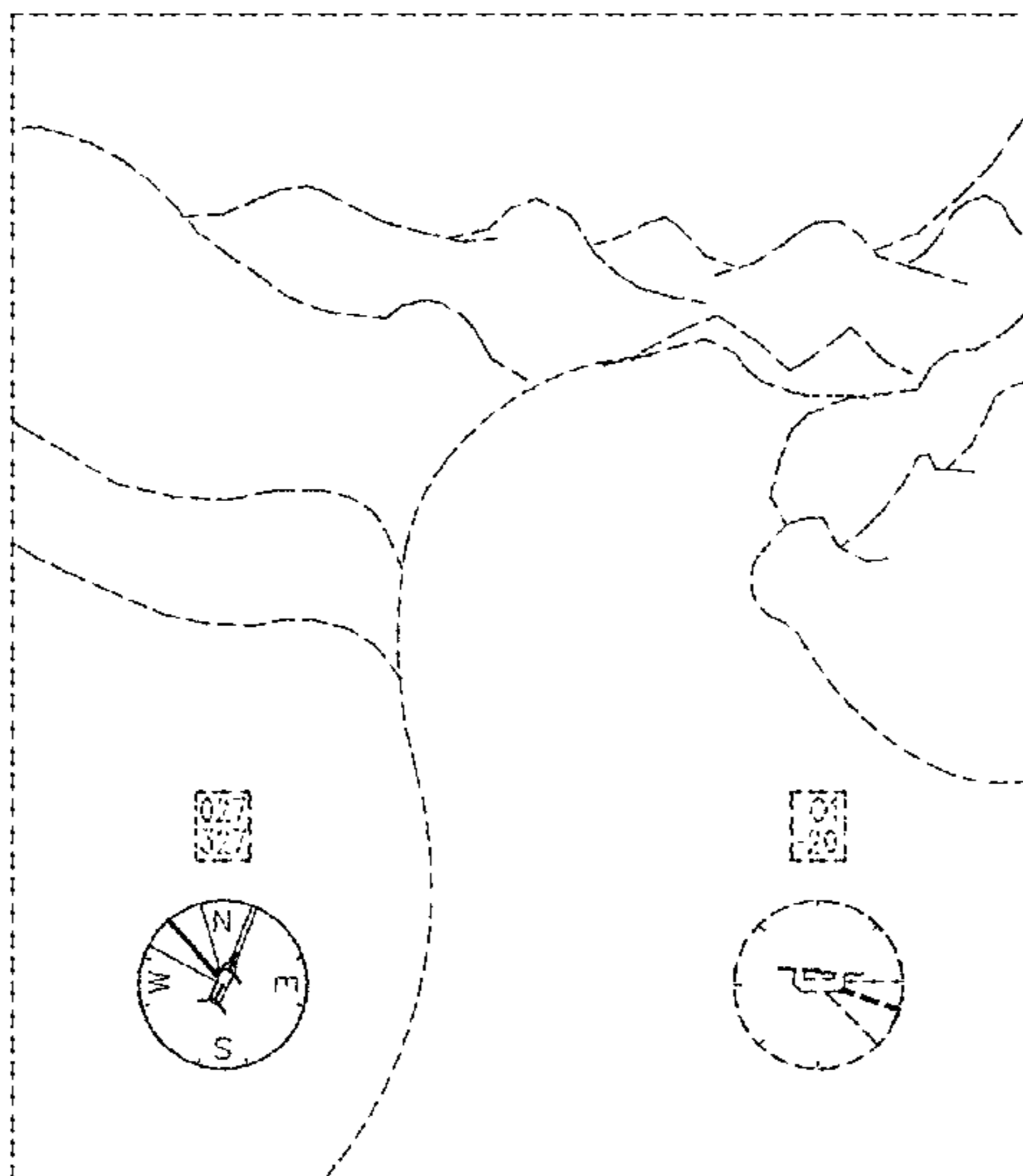
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FIG. 1 is a front view showing an avionics display screen with computer icon, showing our new design; and, FIG. 2 is a front view showing a second embodiment of our new design.

The outermost broken line showing of the display screen and all other broken lines showing portions of the graphical interface are included for the purpose of illustrating portions of the article and form no part of the claimed design.

The claimed “computer-generated frustum icon pair formed of icon elements and portion of an avionics display” is used as a visual instrument interface for assisting in spatial awareness.

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D608,791	S *	1/2010	Canu-Chiesa	D14/492
D608,792	S *	1/2010	Canu-Chiesa	D14/492
D608,793	S *	1/2010	Canu-Chiesa	D14/492
D615,100	S *	5/2010	Canu-Chiesa	D14/492
D688,678	S *	8/2013	Osborne	D14/486
D690,729	S *	10/2013	Abratowski	D14/489
D721,727	S *	1/2015	Koehn	D14/488
9,052,198	B2 *	6/2015	Louise-Babando	G01C 23/00
D744,529	S *	12/2015	Guzman	D14/489
9,280,904	B2 *	3/2016	Bourret	G08G 5/0013
D766,976	S *	9/2016	McElreath	D14/491
D773,532	S *	12/2016	Gauci	D14/486
2003/0025719	A1 *	2/2003	Palmer	G01C 23/005 715/700
2005/0066275	A1 *	3/2005	Gannon	G01C 23/005 715/700
2006/0265109	A1 *	11/2006	Canu-Chiesa	B64D 43/00 701/3
2016/0179327	A1 *	6/2016	Zammit-Mangion ..	G01C 23/00 701/7

OTHER PUBLICATIONS

“iHUD”, posted at [itunes.apple.com](https://itunes.apple.com/us/app/ihud/id293546566?mt=8), Jul. 13, 2012, [site visited May 13, 2016]. Available from Internet: <<https://itunes.apple.com/us/app/ihud/id293546566?mt=8>>.*

“Aspen Avionics Announces Aeronav STC for AS350 Series Helicopter”, posted at aero-news.net, Mar. 29, 2012, [site visited May 13, 2016]. Available from Internet: <<http://www.aero-news.net/index.cfm?do=main.textpost&ID=3F3D31F9-39F9-4FB5-BCBB-B83821DAA1B4>>.*

Bergqvist, Pia, “Use the HI to Find the Runway”, posted at flyingmag.com, Feb. 22, 2012, [site visited Dec. 14, 2016]. Available from Internet: <<http://www.flyingmag.com/technique/tip-week/use-hi-find-runway>>.*

“Review for Pro Flight Instrument Panel”, posted at lifebalance.empowernetwork.com, Nov. 29, 2012, [site visited Dec. 14, 2016]. Available from Internet: <<http://lifebalance.empowernetwork.com/blog/review-pro-flight-instrument-panel>>.*

* cited by examiner

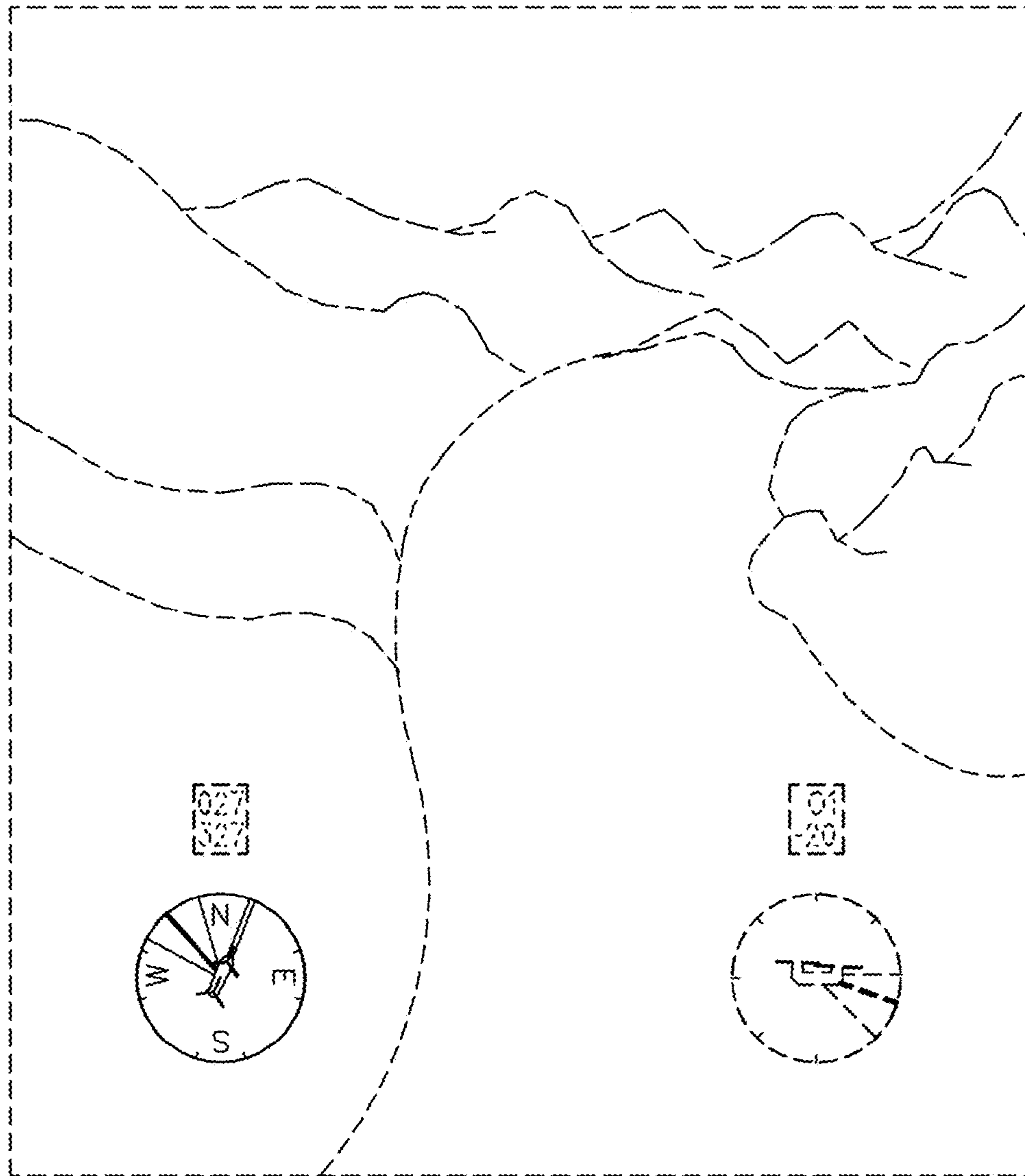


FIG. 1

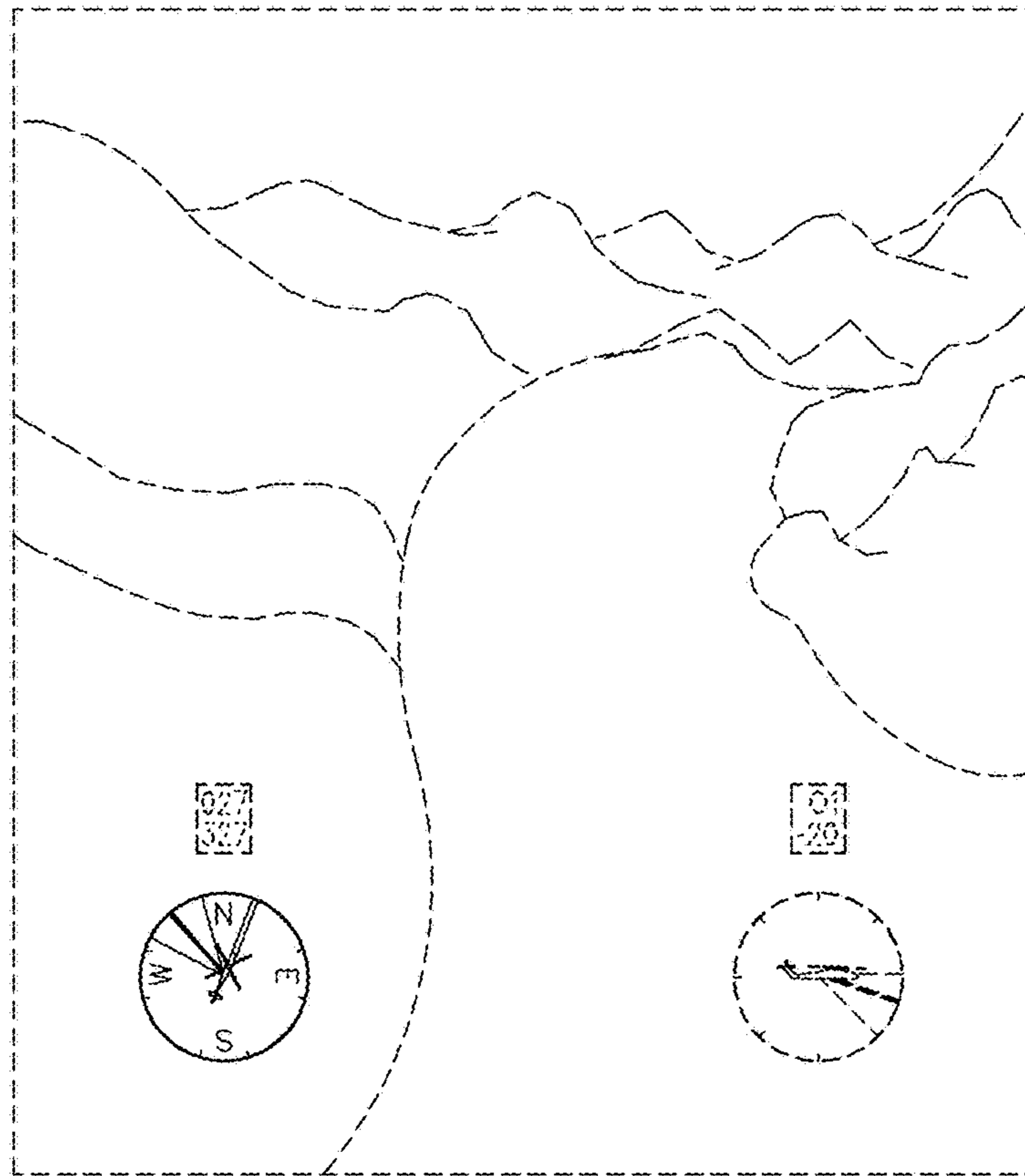


FIG. 2