CRDENTIA CORP Form SC 13G February 17, 2004

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549 SCHEDULE 13G

Under the Securities Exchange Act of 1934

Crdentia Corp.
----(Name of Issuer)

Common Stock. \$0.0001 par value
----(Title of Class of Securities)

225235 10 0 -----(CUSIP Number)

February 6, 2004

(Date of Event which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

[x] Rule 13d-1(b)

[x] Rule 13d-1(c)

[] Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 225235 10 0 SCHEDULE 13G

1 Name of Reporting Person MEDCAP MANAGEMENT & RESEARCH LLC

IRS Identification No. of Above Person 94-3411543

2 Check the Appropriate Box if a member of a Group (a) []

(b) []

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3 SEC USE ONLY

4	Citizenship	or Pla	ace of Organization	DELAWARE
	JMBER OF SHARES	5	Sole Voting Power	0
BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		6	Shared Voting Power	2,000,000
		7	Sole Dispositive Power	0
PEI	RSON WITH	8	Shared Dispositive Power	2,000,000
9	Aggregate <i>I</i> Person	Amount	Beneficially Owned by Each Reporting	2,000,000
10	Check Box i		Aggregate Amount in Row (9) Excludes	[]
11	Percent of	Class	Represented by Amount in Row 9	9.5%
12	Type of Rep	porting	g Person	IA
CUSI	P No. 225235	10 0	SCHEDULE 13G	Page 3 of 11
1	Name of Repo	orting	Person MEDCAP	PARTNERS L.P.
	IRS Identifi	ication	No. of Above Person	94-3412423
2	Check the Ap	propri	ate Box if a member of a Group	(a) []
3	SEC USE ONLY	Z.		(b) []
4	Citizenship	or Pla	ace of Organization	DELAWARE
	JMBER OF	5	Sole Voting Power	0
BENI	SHARES EFICIALLY	6	Shared Voting Power	2,000,000
RI	ED BY EACH EPORTING	7	Sole Dispositive Power	0
PEI	RSON WITH	8	Shared Dispositive Power	2,000,000
9	Aggregate <i>I</i> Reporting I		Beneficially Owned by Each	2,000,000
10	Check Box i Certain Sha		Aggregate Amount in Row (9) Excludes	[]
11	Percent of	Class	Represented by Amount in Row 9	9.5%
12	Type of Rep	portinç	g Person	PN
CUSI	P No. 225235	10 0	SCHEDULE 13G	Page 4 of 11
1	Name of Repo	orting	Person	C. FRED TONEY
	IRS Identifi	ication	n No. of Above Person	

2 Check	the Appropriate Box if a member of a Group	(a) []			
3 SEC US	E ONLY	(b) []			
4 Citize	Citizenship or Place of Organization UNITED STATE				
NUMBER C	F 5 Sole Voting Power	0			
SHARES BENEFICIAL	3	2,000,000			
OWNED BY E REPORTIN PERSON WI	G 7 Sole Dispositive Power	0			
PERSON WI	8 Shared Dispositive Power	2,000,000			
	gate Amount Beneficially Owned by Each ting Person	2,000,000			
	Box if the Aggregate Amount in Row (9) Excludes in Shares	[]			
11 Perce	nt of Class Represented by Amount in Row 9	9.5%			
12 Type	of Reporting Person	IN/HC			
CUSIP No. 2 Item 1(a).	25235 10 0 SCHEDULE 13G Name of Issuer:	Page 5 of 11			
	Crdentia Corp.				
Item 1(b).	Address of Issuer's Principal Executive Offices	:			
	14114 Dallas Parkway, Suite 600 Dallas, TX 75254				
Item 2(a).	Names of Persons Filing:				
	MedCap Management & Research LLC ("MMR")				
	MedCap Partners L.P. ("Partners")				
	C. Fred Toney				
Item 2(b). Address of Principal Business Office or, if none, Res					
Suite 535,	The business address of each reporting person is San Francisco, CA 94107.	s 500 3rd Street,			
Item 2(c).	Citizenship:				
four (4) of	Reference is made to item 4 of pages two (2), this Schedule 13G, which Items are incorporated				

herein.

Item 2(d). Title of Class of Securities:

Common Stock, \$0.0001 par value

Item 2(e). CUSIP Number:

225235 10 0

- Item 3. If this statement is filed pursuant to sections 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:
 - (a) [] Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
 - (b) [] Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);
 - (c) [] Insurance company as defined in section 3(a)(19)
 of the Act (15 U.S.C. 78c);
 - (d) [] Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);

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- (e) [x] An investment adviser in accordance with section 240.13d-1(b)(1)(ii)(E);
- (f) [] An employee benefit plan or endowment fund in accordance with section 240.13d-1(b)(1)(ii)(F);
- (g) [x] A parent holding company or control person in accordance with section 240.13d-1(b)(1)(ii)(G);
- (h) [] A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) [] A church plan that is excluded from the definition of an investment company under section 3(c) (14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) [] Group, in accordance with section 240.13d-1(b)(1)(ii)(J).

Item 4. Ownership.

Reference is hereby made to Items 5-9 and 11 of pages two (2), three (3) and four (4) of this Schedule 13G, which Items are incorporated by reference herein.

The securities to which this Schedule 13G relates consist of 2,000,0000 shares of Series A Convertible Preferred Stock, which are currently convertible into 2,000,000 shares of common stock and which vote along with the common stock on an as- converted basis. MMR as general

partner and investment manager of Partners and C. Fred Toney as managing member of MMR may be deemed to beneficially own the shares owned by Partners in that they may be deemed to have the power to direct the voting or disposition of the shares.

Neither the filing of this Schedule 13G nor any of its contents shall be deemed to constitute an admission that either MMR or Mr. Toney is, for any purpose, the beneficial owner of any such securities to which this Schedule relates, and MMR and Mr. Toney disclaim beneficial ownership as to the 2,000,000 preferred shares and the underlying common shares, except to the extent of their respective pecuniary interests therein.

Under the definition of "beneficial ownership" in Rule 13d-3 under the Securities Exchange Act of 1934, it is also possible that the individual general partners, directors, executive officers, members and/or managers of the foregoing entities might be deemed the "beneficial owners" of some or all of the securities to which this Schedule relates in that they might be deemed to share the power to direct the voting or disposition of such securities. Neither the filing of this Schedule nor any of its contents shall be deemed to constitute an admission that any of such individuals is, for any purpose, the beneficial owner of any of the securities to which this Schedule relates, and such beneficial ownership is expressly disclaimed.

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Ownership of Five Percent or Less of a Class.

Not applicable.

Ownership of More Than Five Percent on Behalf of Another Person. Item 6. ______

Not applicable.

Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.

Not applicable.

Ttem 8. Identification and Classification of Members of the Group.

Not applicable.

Notice of Dissolution of Group.

Not applicable.

Item 10. Certifications.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for

the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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Signature

After reasonable inquiry and to the best of my knowledge and belief, the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated: February 16, 2004 MEDCAP MANAGEMENT & RESEARCH LLC

By: /s/ C. Fred Toney

C. Fred Toney, its Managing Member

C. FRED TONEY

/s/ C. Fred Toney _____

C. Fred Toney

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By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

Signature

After reasonable inquiry and to the best of my knowledge and belief, the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated: February 16, 2004 MEDCAP PARTNERS L.P.

> By: MedCap Management & Research LLC, its General Partner

By: /s/ C. Fred Toney

C. Fred Toney, its Managing Member

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EXHIBIT A

JOINT FILING UNDERTAKING

The undersigned, being authorized thereunto, hereby execute this agreement as an exhibit to this Schedule 13G to evidence the agreement of the below-named parties, in accordance with rules promulgated pursuant to the Securities Exchange Act of 1934, to file this Schedule, as it may be amended, jointly on behalf of each of such parties.

Dated: February 16, 2004 MEDCAP MANAGEMENT & RESEARCH LLC

By: /s/ C. Fred Toney

C. Fred Toney, its Managing Member

MEDCAP PARTNERS L.P.

By: MedCap Management & Research LLC, its General Partner

By: /s/ C. Fred Toney

C. Fred Toney, its Managing Member

C. FRED TONEY

/s/ C. Fred Toney

C. Fred Toney