

09/565208

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KNOWLIN

APPLICANTS

Margaret Asprey  
Samuel Wood  
Jerry Klein

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TITLE

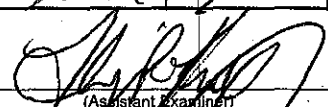
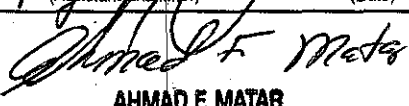
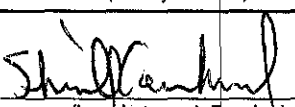
Web-based control of telephone

PTO-2040  
12/99

### ISSUING CLASSIFICATION

ORIGINAL		CROSS REFERENCE(S)					
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
379	224	379	100.01	2501			
INTERNATIONAL CLASSIFICATION		370	352				
H04M	7/00						
H04M	11/00						
H04M	3/42						
H04L	12/66						

Continued on Issue Slip Inside File Jacket

<input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>	<b>DRAWINGS</b>			<b>CLAIMS ALLOWED</b>	
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.
	89	810	1	18	1
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	 (Assistant Examiner)			<b>NOTICE OF ALLOWANCE MAILED</b>	
<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____	 <b>AHMAD F. MATAR</b> SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 2000 (Primary Examiner)			10-22-02 <b>ISSUE FEE</b> (W)	
<input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	 (Legal Instruments Examiner)			Amount Due	Date Paid
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				<b>ISSUE BATCH NUMBER</b>	

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Bib Data Sheet

<b>SERIAL NUMBER</b> 09/565,208	<b>FILING DATE</b> 05/04/2000 <b>RULE</b> -	<b>CLASS</b> 379	<b>GROUP ART UNIT</b> 2742	<b>ATTORNEY DOCKET NO.</b> M-8803-US
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**APPLICANTS**

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 Samuel F. Wood, Los Altos Hills, CA ;  
 Jerry A. Klein, Los Altos, CA ;

\*\* CONTINUING DATA \*\*\*\*\*

*None*  
*None*

\*\* FOREIGN APPLICATIONS \*\*\*\*\*

IF REQUIRED, FOREIGN FILING LICENSE  
 GRANTED \*\* 07/18/2000

*SMALL ENTITY*

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged Examiner's Signature: <i>[Signature]</i> Initials: <i>MD</i>	STATE OR COUNTRY CA	SHEETS DRAWING 8	TOTAL CLAIMS 1	INDEPENDENT CLAIMS 1
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**TITLE**

Web-based control of telephone

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3.		10-3-00	44.
4.	Request Refund	10-3-00	45.
5.	IDS	11/20/00	46.
6.		11/20/00	47.
7.	Change Address to Cust Nom	5/2-01	48.
8.	Amot A	1/11/01	49.
9.	Reg (3mo)	1-16-02	50.
10.	Amot. B	4-15-02	51.
11.	Revo/New P/A Appt	4-25-02	52.
12.	Acceptance	5-7-09	53.
13.	Final Reg (3)	6-6-08	54.
14.	RCE	9-9-02	55.
15.	Amot C	9-9-02	56.
16.	Supple D Amot	10-4-02	57.
17.	Allowance	10-22-02	58.
18.	Small entry	11/13/02	59.
19.	Formal Drawings (9 shts) set	11/13/02	60.
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(12) **United States Patent**  
**Asprey et al.**

(10) **Patent No.:** **US 6,529,596 B1**  
 (45) **Date of Patent:** **Mar. 4, 2003**

- (54) **WEB-BASED CONTROL OF TELEPHONE**
- (75) Inventors: **Margaret Susan Asprey**, Los Altos, CA (US); **Samuel F. Wood**, Los Altos Hills, CA (US); **Jerry A. Klein**, Los Altos, CA (US)
- (73) Assignee: **Telemaze, Inc.**, Los Altos, CA (US)
- (\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.
- (21) Appl. No.: **09/565,208**
- (22) Filed: **May 4, 2000**
- (51) **Int. Cl.<sup>7</sup>** ..... **H04M 7/00**; H04M 11/00; H04M 3/42; H04L 12/66
- (52) **U.S. Cl.** ..... **379/224**; 379/100.01; 379/215.01; 370/352
- (58) **Field of Search** ..... 370/352; 379/100.01, 379/215.01
- (56) **References Cited**

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*Primary Examiner*—Ahmad F. Matar

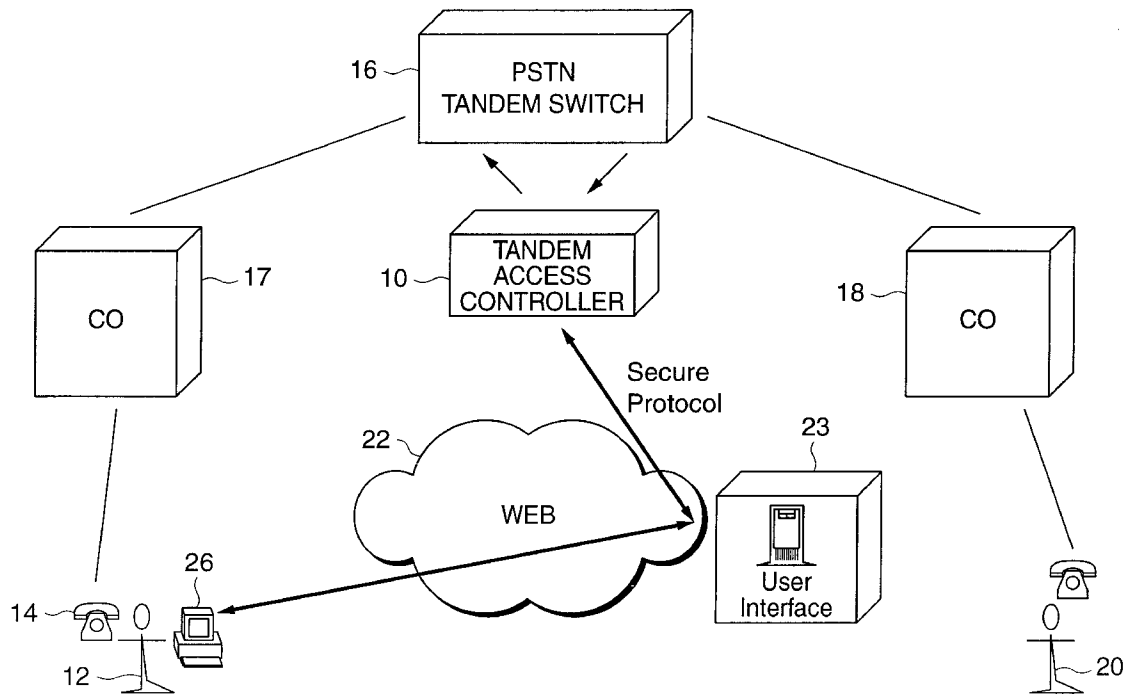
*Assistant Examiner*—Thjuan P Knowlin

(74) *Attorney, Agent, or Firm*—Patent Law Group, LLP; Brian D. Ogonowsky

(57) **ABSTRACT**

In one embodiment, the system includes a processor (referred to herein as a tandem access controller) connected to the PSTN which would allow anyone to directly provision, that is to say set-up and make immediate changes to, the configuration of his or her phone line. In another embodiment, a tandem access controller (TAC) subsystem is connected internally to the PSTN in a local service area. The TAC provides features, selected by the subscriber, to all edge switches connected to the PSTN tandem switch. In one embodiment, the TAC is controlled by the subscriber using the web.

**18 Claims, 9 Drawing Sheets**



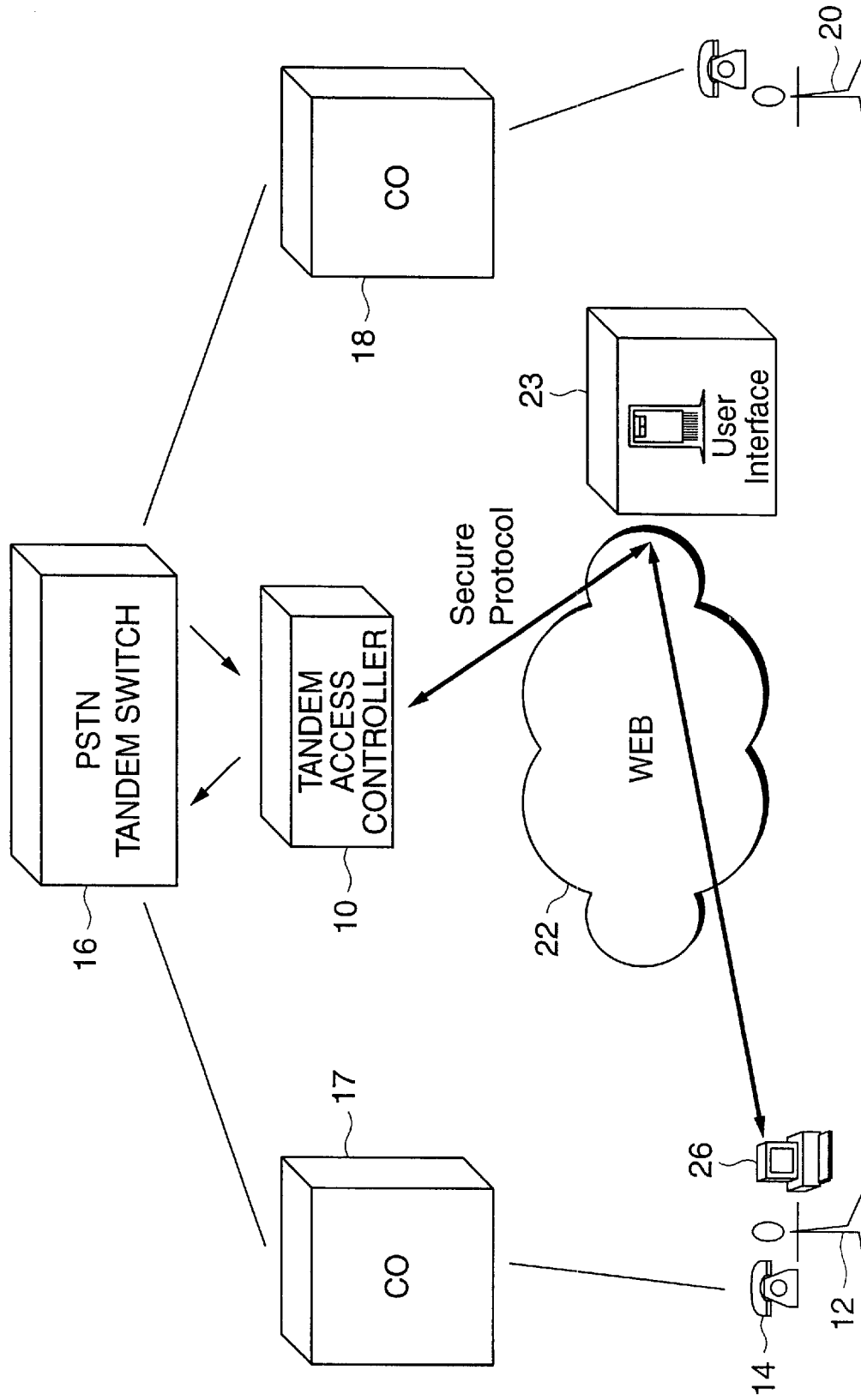


FIG. 1

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