TAKING TIME FROM THE STARS.

How "Cambridge Time" Is Secured in the Observatory at Harvard.

No timepiece is perfect, and there are no means on earth of keeping perfect time. The stars, however, furnish the necessary means. At the observatory in Cambridge there are two principal clocks employed in keeping the standard time—the standard sidereal time clock, which telegraphs to operate over the surrounding country, and the normal sidereal clock, which is the main standard of the observatory, to which everything is referred. The sidereal clock, as its name implies, keeps sidereal or star time, which gains about three minutes and fifty-eight seconds per day over mean solar time, with which we are all familiar.

The clock is of the finest workmanship and is kept in a brick vault, underneath the observatory, where the temperature is as nearly constant as possible.

Every effort is made to protect it from any influence which might affect its "rate," or, in other words, the amount of its gain or loss per day. This is necessary in order that the "rate" may be depended upon to give the correct time during spells of cloudy weather, when no observations can be made.

On every clear morning the error of this clock is carefully determined by observing certain bright stars with an instrument known as the meridian circle.

This instrument consists of a telescope mounted on trunnions like a cannon and supported by a pier of solid masonry. It is so arranged that it can be directed toward any point on the meridian, but cannot be pointed away from the meridian line. On looking into the eyepiece of this telescope one sees a series of fine parallel lines running north and south across the field of view, the middle line marking the meridian.

When a time observation is to be made the observer first selects a suitable star from a printed star list, which gives the exact time at which each of the principal stars crosses the meridian. He then sets the telescope at the proper point on the meridian to intercept the star, and putting his eye to the eyepiece, waits for the star to appear.

As the star crosses each of the lines before mentioned he passes an electric key which he holds in his hand. The signals thus given are recorded electrically on a registering instrument called a chronograph, from which one also being recorded the seconds of the sidereal clock. The chronograph consists of a cylinder made to revolve by clock work at the rate of about once a minute.

A paper, wrapped around this cylinder, receives the record traced by a pen, which is connected by an electro magnet in such a manner that any signal, made either by the operator or the clock, causes the pen to make a mark on the paper.

By examining this paper the observer is able to tell within a tenth of a second the time which the normal clock indicated when the star crossed the meridian.

Comparing this with the time taken from the star list shows the error of the clock. A comparison is then made between the sidereal and mean time clocks, which, after allowing for the difference between mean and sidereal time, shows the error of the mean time clock.

If the clock is slow a slight weight is placed on the top of the pendulum bob, which causes the clock to gain slightly. If, on the other hand, the clock is found to be fast a corresponding weight is removed, making the clock less slowly. In this way the standard signals are kept within a few tenths of a second of the correct time.—Youth's Companion.

He Made a Big Mistake.

A few days ago a man raised his hat to a lady in a prominent retail store. The lady stared at him for his impertinence and turned her head. He first flushed, and after hesitating a second he went up to her and said: "You really must excuse me, madam, for I mistook you for a lady whom I met but once a short time ago. I saw my mistake at once, but still there is a very great resemblance. Her name is Mrs. ——. The resemblance is so remarkable you may have heard of her."

The lady, with an amused smile, finally said:

"Yes, the resemblance is remarkable, I myself am Mrs. ——."

The man started. By the time he had recovered just what the "mistake" was that he saw the lady was gone.—Chicago Herald.

Insecticide.

A young man from the country had been visiting the city, and was relating some of his adventures to admiring friends.

Among other things he gave an account of how he attended mass in the cathedral. As he described the ceremonies, he noticed that one young lady seemed greatly interested, and when he mentioned throwing off the cassock, she suddenly exclaimed:

"Oh, Mr. Stroll, did you really see them horn insects, as people say they do?"—Youth's Companion.

The Thinker's Vitality.

Experiments made in France with a view to discovering the amount of vitality in specimens of tricinæ show that, though they be subjected to a temperature of 23 degs. below zero for two hours, they again become as lively as ever on the return of a normal amount of light and heat.—St. Louis Republic.

One Way to Produce Hornless Cattle.

A new process of preventing horns from growing on cattle is coming into general use. It consists in placing a small quantity of potash on the part of the head where horns are about to appear when the calves are two or three weeks old. In every case where it has been tried the process has proved a complete success.—Cor. St. Paul Globe.

MAGIC LANTERN WONDERS.

Some Curious Things Developed by an Old Discovery in Optics.

"The magic lantern was invented long before the development of photography gave it a practical value," said an expert in sun picture making. "Its discovery is credited to Athanasius Kircher, who died in 1680, though sections have been made that Roger Bacon, four centuries earlier, was familiar with it. There is no doubt, however, that for a long time after its invention the magic lantern was regarded almost purely and simply as a toy, though persons calling themselves wizards employed the apparatus to remove ghosts and do other tricks for the deception of the ignorant.

"Even to this day the magic lantern remains a most popular toy, and slides for the entertainment of children are manufactured by wholesale in many large cities, both here and abroad. Nearly all of them are painted on the glass, often in water colors, though transparent oil colors are best for the purpose. With such a medium all sorts of curious effects are produced which, thrown upon suitable sheet, are calculated to give amusement to the youthful audience. It is easy enough to give the lamp figures action by employing two slides, one representing the background, remains stationary in the lantern, while the other is moved across. Skillfully contrived, the dramatic personage in this changing scene is made to act their parts most entertainingly.

"However, photography has discovered a much more curious and important use for the magic lantern. By its aid the lecturer is able to show the most beautiful photographs, magnified to the dimensions for the benefit of large audiences. In the same way maps are projected plentifully upon the screen which would require great labor to reduce with accuracy.

"Magic lantern slides for such purposes are made by photography in this way: A glass negative is obtained from an actual scene, a photograph or other object, and from this negative a photograph is taken on glass. The latter photograph is the magic lantern slide—a "positive," like an ordinary photograph.

"An interesting and familiar application of the magic lantern is made by revolving two glass disks with concentric painted patterns in the lantern, working the two in opposite ways by a single wheel contrivance, so that the patterns are mingled in a beautiful kaleidoscopic fashion.

"Much more curious and useful is the idea of placing living organisms within double slides of glass inclosing water, so that the microscopic in question are exhibited upon the screen alive actually, for the study of the knowing and the ignorant. Even the growth of crystals, in process, is shown in a singular way, though not less extraordinary is the method practiced with the aid of the magic lantern of reading figures upon the white sheet, by a simple device, to give to the giants that threaten to devour the spectators."—Washington Star.

An Expensive Postal Card.

"I saw a bit of rumpled postal card the other day that cost the Pennsylvania railroad company $5,000," said a young lawyer.

"It was in the damage suit of Mrs. Nellie Keane against the railroad for $5,000 damages for killing her husband Maurice in July, 1890. Her attorney was Alexander Sullivan, who, in searching the police record of the accident, found a postal card which had been written to Chief Hubbard by a prominent young member of the Typographical union. This man was an eyewitness of the accident, and he wrote to the police denouncing the carelessness of the road in passing the Thirty-seventh street crossing, where the accident happened. Up to this point the evidence looked very poor for Mrs. Keane, but the discovery of this witness changed the whole aspect of affairs. Mr. Sullivan hunted him up, through him found other witnesses, and after a hot fight with the company in Judge Clifford's court obtained a verdict for $5,000."—Chicago Times.

His Father Not Alive.

The following anecdote is from "Glimpses at Great and Little Men," by "Cuticle:"

A lady of the court told me a funny anecdote of one of the numerous Americanisms who were presented at the Tuileries. He was a young man, and the emperor had known his father in America, so the latter, wishing to be gracious, said:

"Eh, monsieur, votre pere, vit-il encore?" (Does your father yet live?)

"Pas encore, sire." (Not yet, sire.)

The emperor had much ado to refrain from laughing, and put his next question in English.

No Date on Jesse.

A man at Red Bank, N. J., didn't like M. A. Jesse, and to make Mr. Jones feel bad he sent him three or four letters with the name spelled "Gesse." Jesse appealed to the United States authorities, and the joker settled the case for $250. He can now spell Jesse with any man in the town.—Detroit Free Press.

A strange sentiment that was which was recently uttered by the leader of the clerical party in the German reichstag. If the words of Dr. Windhorst have been correctly reported. The sentiment occurred in a toast to the American minister at a banquet given to celebrate the opening of the new civil law, which goes into effect the first of next January. It is so strange that it can be quoted without comment. Dr. Windhorst, in his speech, said: "Here we have three chiefs in my house—one for soldiers, two for friendship, three for society." The toast Thoreau in his hut at Walden was wiser than the man who looks for society in a crush.

An unhappy husband living in Portland place, whose wife inflicted huge parlor upon him, was standing in a very curious position leaning against the chimney piece. A gentleman came up to him and said, "Sir, as neither of us are acquainted with any of the people here, I think we had best go home." Social crush must not expect the great men among them to talk well, the poet here been a most offensive, the person who was disappointed with Napoleon honors when a lot of dollies were presented to him is only remarkable to each of them how lost it was.—Gentleman's Magazine.

MEN WHO CHANGE THEIR NAMES.

Generally Retain Their Given Cognomens, or at Least the Initials.

"Do you know that Jacob Kronfeld, who was before Commissioner Hoyne charged with smuggling, did something unusual in changing his name? He noticed one of Uncle Sam's secret agents. "It is not strange that he saw fit to change his name, of course, but his manner of doing it was unusual. He adopted the name 'Teodore Lange'—a complete change, you see, for his real name. People who for convenience or from necessity temporarily adopt their name very rarely make a complete change, as Kronfeld did.

"It may surprise you to know that there is quite a degree of regularity observable in assuming fictitious names—certain peculiarities which are to be expected in the false name which serve to indicate that it is not the real name of the man who claims it. Of course when a man determines to adopt a fictitious name there is no way to predict what the new one will be, but it is pretty safe to guess that it will possess certain known characteristics.

"If you have not investigated the subject you would probably imagine that when John C. Brown finds it necessary to assume another name he is likely to become 'George T. Jackson.' Well, that is not the case. More than 50 per cent. of fictitious names have no change except in the surname—John C. Brown becomes John C. Baker. Well, of course, this is only another case of the switch falling heaviest by covering her head.

"Sometimes the middle initial is changed. But the given name generally remains—it is the last to go. And when it does go it generally is replaced by another nomenclatural the same initial. Here, then, are the changes to be looked for in the surname in which they are usually found: 'John C. Brown' becomes 'John C. Baker,' then 'John W. Baker,' then 'James C. Baker.' Ninety per cent. of the fictitious names assumed to escape detection contain at least one of the initials of the main true name.

"It is an easy matter for a man to change his name. A coat cannot be drawn on and off like a glove. It is born with a man and comes to be a part of himself. Even the most colossal cranks adhere to their real names—changed in some respects, true, but not completely changed. 'Billy the Kid' never becomes 'Jack the Ripper.'

"The Kronfeld case, I presume (for I know nothing about it), is an instance in which the name of another person has been assumed. I'll venture to say that 'Teodore Lange' is not a mythical personage, but a flesh and blood acquaintance of Kronfeld, who lives on the other side of the Atlantic."

Thackeray's Pictures.

Was that loose Thackeray forgets the sense of fitness which has recommended to him drawings insufficient in themselves and weak in their execution, but so evidently imbued with the living literary conceptions? That he could not satisfactorily illustrate the thoughts of others we have abundant evidence, but where have we ever seen book illustrations more helpful to the right understanding of the master's thoughts than those in the "Christmas Books" of Mr. Michael Angelo Titmarsh, or in "Dr. Birch," "Our Street," and "The Kickleburys on the Rhine?"

Who can forget, to name but one instance, the picture of the unfortunate Willie Little, to whom his bad uncle Sir Mulligan as a partner? Like a parrot with a human talent of an uncle, that young creature trembled in his lame Mission group." How one feels facilitated in a guess that there has been no weakening of the spontaneity and impulse by the transmission of the conception from one mind to another.—Temple Bar.

Cable Brave Oil.

A telegraman in London was one night driven home, and paid the cabman what he supposed to be two shillings. He had taken the coins from his waistcoat pocket, but on seeing in the hall passed from his hands he noticed their peculiar glitter, and said: "Stop, cabman! I've given you two sovereigns by mistake."

"Then your boiler's seen the last of them," said the cabman, whipping his horse and driving briskly away.

Then the gentleman felt again in his pocket, and found that he had given the man two bright new farthings, which he had that day received and was keeping for his children.—London Letter.

A Good Boy.

Father—Well, what has Tommy been doing today?

Mother—He cut off a piece of the cat's tail, broke three windows, fractured the cook's eye and built a bonfire in the cellar.

Father—Is that all? Tommy must have been a good boy today.—Epoch.

The Circus.

His dinner parties of ill assorted guests are famous from a conversational point of view. A Brooke, or a Leslie, sound if possible, and say four or half a dozen guests, are sufficient. Mere will break on into separate knots, and have much a tête-a-tête. "Hush," says Thoreau, "let Wordsworth three chairs off my house—one for solitude, two for friendship, three for society." The hermit Thoreau in his hut at Walden was wiser than the man who looks for society in a crush.

An unhappy husband living in Portland place, whose wife inflicted huge parlor upon him, was standing in a very curious position leaning against the chimney piece. A gentleman came up to him and said, "Sir, as neither of us are acquainted with any of the people here, I think we had best go home." Social crush must not expect the great men among them to talk well. The poet here been a most offensive, the person who was disappointed with Napoleon honors when a lot of dollies were presented to him is only remarkable to each of them how lost it was.—Gentleman's Magazine.

Liebig COMPANY'S
EXTRACT OF BEEF.

"In Darkest Africa," by Henry M. Stanley.

"When Baron Liebig commenced his work, he said the time would come when the cattle on the vast pampas would be valued for their hides and tallow only, and that the flesh would be left to rot on the ground. This prediction has been more than realized in the River Plate Country, where, since the date of the publication of Liebig's letter, thousands of cattle have been killed for their hides and tallow, and the flesh left to rot on the ground."—Vide Liebig's Letter, dated 1865.

Genuine only with signature of the undersigned on every jar.

J. VON LIEBIG.

Sold by all Grocers and Druggists.

LEGAL NOTICE.

In the Probate Court in and for Salt Lake County, Territory of Utah.

In the matter of the Estate of Daniel Grow, Deceased.—NOTICE.

NOTICE IS HEREBY GIVEN THAT Mary Ann Grow, administratrix of the estate of Daniel Grow, deceased, has rendered her accounts and filed her petition and prayer for the settlement of her administration of said estate and for a decree of distribution of the residue of said estate among the persons entitled thereto, and that Monday, the 6th day of April, A. D. 1891, at 10 o'clock a. m., at the Court House of said County, in the Capital City of Utah Territory, has been duly appointed by the Probate Court of said County for the hearing of said petition and accounts, at which time and place any person interested in said estate may appear and show cause, if any he can, why said petition should not be granted and said accounts be settled and approved and said distribution made as prayed for.

Dated March 10, 1891.

C. S. ALLEN,
Clerk of the Probate Court.

By C. H. SCANLAN, Deputy.

SUMMONS.

In the District Court in and for the Third Judicial District of Utah Territory, County of Salt Lake.

The Deseret Savings Bank a Corporation, Plaintiff,

vs.

George E. Taylor, Hortense Taylor, Stewart F. Taylor, Alice Taylor, Ethel Taylor, Lorenzo Snow, Edward J. Plank, Defendants.

The People of the Territory of Utah send Greeting:

To George E. Taylor, Hortense Taylor, Stewart F. Taylor, Alice Taylor, Ethel Taylor, Lorenzo Snow, Edward J. Plank, Defendants:

YOU ARE HEREBY REQUIRED TO APPEAR in an action brought against you by the above named plaintiff, in the District Court of the third judicial district of the Territory of Utah, and to answer the complaint filed herein, said action being founded on an order of arrest issued in said action, a copy of which order is served on you with this summons, and to answer and set forth the nature of your claim, if any you have, to the debt or demand mentioned in said order, which said debt or demand is for the sum of $2,000 and costs, according to the prayer of said complaint.

The said action is brought to recover the said sum of $2,000 and costs, on the ground that you have fraudulently contracted the said debt or incurred the said obligation, in that on the 10th day of March, 1891, and at divers times prior thereto, you represented to said plaintiff, that you were worth over and above your exemptions and liabilities the sum of $2,000 in property subject to execution, and that you were contracting said debt or incurring said obligation in reliance upon said representations, and that you then and there knew said representations were false and fraudulent, and that you contracted said debt and incurred said obligation with the intent and purpose of defrauding said plaintiff out of said property, and that said representations were made and said debt and said obligation were incurred and contracted within the City and County of Salt Lake, in said District and Territory.

And you are hereby notified that if you fail to appear and answer the said complaint as above required, the said plaintiff will apply to the Court for the relief demanded therein.

Witness the Hon. Charles C. Zane, Judge of the District Court of the Third Judicial District, in and for the Territory of Utah, this 5th day of February, A. D. 1891.

[SEAL.] HENRY G. McMILLAN,
Clerk.
By GEO. H. LOOMIS,
Deputy Clerk.

NOTICE OF SALE OF REAL ESTATE.

NOTICE IS HEREBY GIVEN THAT UNDER and by virtue of authority of the Probate Court of the County of Salt Lake, Utah Territory, made on the 12th day of February, 1891, the undersigned, the administrator with the will annexed of the estate of Mary Ann Grow, deceased, will sell at public sale, to the highest bidder, for cash, the following described real estate belonging to said estate, to wit:

Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Dated this 12th day of March, 1891.

THOMAS F. HOWELLS,
Administrator.

LEGAL NOTICE.

In the Probate Court in and for Salt Lake County, Territory of Utah.

In the matter of the Estate of Jesse Wilson, Deceased.

NOTICE IS HEREBY GIVEN, THAT Mariana Wilson, administratrix of the estate of Jesse Wilson, deceased, has rendered her accounts and filed her petition and prayer for the settlement of her administration of said estate and for a decree of distribution of the residue of said estate among the persons entitled thereto, and that Monday, the 6th day of April, A. D. 1891, at 10 o'clock a. m., at the Court House of said County, in the Capital City of Utah Territory, has been duly appointed by the Probate Court of said County for the hearing of said petition and accounts, at which time and place any person interested in said estate may appear and show cause, if any he can, why said petition should not be granted and said accounts be settled and approved and said distribution made as prayed for.

Dated March 10, 1891.

C. S. ALLEY,
Clerk of the Probate Court.

By C. H. SCANLAN, Deputy.

SUMMONS.

In the District Court in and for the Third Judicial District of Utah Territory, County of Salt Lake.

The Deseret Savings Bank a Corporation, Plaintiff,

vs.

George E. Taylor, Hortense Taylor, Stewart F. Taylor, Alice Taylor, Ethel Taylor, Lorenzo Snow, Edward J. Plank, Defendants.

The People of the Territory of Utah send Greeting:

To George E. Taylor, Hortense Taylor, Stewart F. Taylor, Alice Taylor, Ethel Taylor, Lorenzo Snow, Edward J. Plank, Defendants:

YOU ARE HEREBY REQUIRED TO APPEAR in an action brought against you by the above named plaintiff, in the District Court of the third judicial district of the Territory of Utah, and to answer the complaint filed herein, said action being founded on an order of arrest issued in said action, a copy of which order is served on you with this summons, and to answer and set forth the nature of your claim, if any you have, to the debt or demand mentioned in said order, which said debt or demand is for the sum of $2,000 and costs, according to the prayer of said complaint.

The said action is brought to recover the said sum of $2,000 and costs, on the ground that you have fraudulently contracted the said debt or incurred the said obligation, in that on the 10th day of March, 1891, and at divers times prior thereto, you represented to said plaintiff, that you were worth over and above your exemptions and liabilities the sum of $2,000 in property subject to execution, and that you were contracting said debt or incurring said obligation in reliance upon said representations, and that you then and there knew said representations were false and fraudulent, and that you contracted said debt and incurred said obligation with the intent and purpose of defrauding said plaintiff out of said property, and that said representations were made and said debt and said obligation were incurred and contracted within the City and County of Salt Lake, in said District and Territory.

And you are hereby notified that if you fail to appear and answer the said complaint as above required, the said plaintiff will apply to the Court for the relief demanded therein.

Witness the Hon. Charles C. Zane, Judge of the District Court of the Third Judicial District, in and for the Territory of Utah, this 5th day of February, A. D. 1891.

[SEAL.] HENRY G. McMILLAN,
Clerk.
By GEO. H. LOOMIS,
Deputy Clerk.

NOTICE TO CREDITORS.

Estate of Mary Yates, Deceased.

NOTICE IS HEREBY GIVEN BY THE undersigned, administrator of the Estate of Mary Yates, deceased, to the creditors of said deceased to exhibit their claims against the said deceased, to the undersigned, at the residence of the said deceased, in Salt Lake City, Utah Territory, with the proper vouchers for the same, within four months from the date hereof, at the residence of the said deceased, situated on Richmond street, in Salt Lake City, Salt Lake County, Utah Territory.

Dated Feb. 4, 1891.

J. R. MOULE,
Administrator of the estate of Mary Yates, deceased.

NOTICE TO CREDITORS.

Estate of William Howell, Deceased.

NOTICE IS HEREBY GIVEN BY THE UNDERSIGNED, executor of the estate of William Howell, deceased, to the creditors of and all persons having claims against the said deceased, to exhibit them with the vouchers thereof, if any there be, to the undersigned, at the residence of the said deceased, in the Fourth ward, in Salt Lake City, Salt Lake County, Utah Territory, within four months from the date hereof.

Dated February 16th, 1891.

WALTER WADDELL,
Executor of the Estate of William Howell, deceased.

NOTICE TO CREDITORS.

Estate of James Crane, Deceased.

NOTICE IS HEREBY GIVEN BY THE undersigned, executor of the estate of James Crane, deceased, to the creditors of and all persons having claims against the said deceased, to exhibit them with the vouchers thereof, if any there be, to the undersigned, at the residence of the said deceased, in the Fourth ward, in Salt Lake City, in the County of Salt Lake, Utah Territory.

Dated February 16th, 1891.

WALTER WADDELL,
Executor of the Estate of William Howell, deceased.

NOTICE TO CREDITORS.

Estate of William Ashcroft, Deceased.

NOTICE IS HEREBY GIVEN BY THE the undersigned, administrator of the estate of William Ashcroft, deceased, to the creditors of and all persons having claims against the said deceased, to exhibit them with the vouchers thereof, if any there be, to the undersigned, at the residence of the said deceased, in the Fourth ward, in Salt Lake City, in the County of Salt Lake, Utah Territory.

Dated February 16th, 1891.

WALTER WADDELL,
Administrator of the Estate of William Ashcroft, deceased.

NOTICE TO CREDITORS.

Estate of Joseph Dale, Deceased.

NOTICE IS HEREBY GIVEN BY THE undersigned, administrator of the estate of Joseph Dale, deceased, to the creditors of and all persons having claims against the said deceased, to exhibit them with the vouchers thereof, if any there be, to the undersigned, at the residence of the said deceased, in the Fourth ward, in Salt Lake City, in the County of Salt Lake, Utah Territory.

Dated February 16th, 1891.

WALTER WADDELL,
Administrator with the will annexed of the estate of John Dale, deceased.

ADMINISTRATOR'S SALE OF REAL ESTATE.

NOTICE IS HEREBY GIVEN THAT IN pursuance of an order of the Probate Court of the County of Salt Lake, Utah Territory, made on the 12th day of February, A. D. 1891, the undersigned, the administrator of the estate of Benjamin F. Dowdle, deceased, will sell at public auction, at the residence of said deceased, situated in said County of Salt Lake, Utah Territory, on the 6th day of April, A. D. 1891, at the hour of 10 o'clock a. m., the interest of said deceased at the time of his death, and all the right, title and interest which said estate has by operation of law or otherwise acquired other than or in addition to the interest of said deceased at the time of his death in and to the following described real estate, to wit:

Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Dated this 12th day of March, 1891.