

CANADIAN
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NEW SERIES.

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No. 5.

Working in Summer.

The hot weather will very shortly be here, and with it photographers will find their usual summer troubles returning. It may not be out of place to call attention to a few of the troubles arising from excessive heat and the preventatives that may be applied. A great many photographers in this country have very small, ill ventilated, dark rooms, it would be well for the sake of their own health that this was not so, and not less for the sake of their chemicals. We would advise that, whenever it can be done, a hole should be cut in the ceiling communicating with the outer air. If this cannot be easily done, a stove pipe might be run into it near the ceiling, which would aid in producing circulation and purify the air. It may be new to many to be told that the ether vapour floats near the floor, a fact easily explained if we remember that ether vapour is heavier than air; where it can be accomplished then, a hole should be cut near the floor, by which means the air may be much purified and the health of the operator much improved, nothing being so depressing as working a whole hot day in a close, ill ventilated, dark room. We venture to assert that the benefit to health and spirits produced by good ventilation may be seen by its effect on the work produced, patience and good temper in a large degree depending on the state of the health.

A complete change in the mode of working in every department is necessary twice a year in this country, so quick are the

changes from extreme cold to extreme heat, that we venture to predict more complaints of bad chemicals and paper during the next thirty days than for the whole five months to follow—and we most unhesitatingly assert that the fault will not be in the chemicals, but in the mode of working them, and the sudden change from cold to heat.

Let us start with the *Bath*. The bath should be kept as near 60° or 65° as possible, in order to accomplish this, ice is very handy, but ice is not obtainable by every one. We advise that a box be made of wood, water-tight, large enough to hold at least a pail of water, in the moveable cover of which a slit for the bath should be made. A thermometer should be kept handy, and the temperature may be easily regulated by filling with water and adding a small piece of ice occasionally. When ice is not attainable then use cold *well* water, which can always be found at about 50° in any good well. The bath, too, should be reduced in strength to about 30 grains, and as it will deteriorate more rapidly when weak than strong it ought to be *fed* every night with a small quantity of pure silver solution of 35 grains strength, just to make up the loss by working and evaporation. Sometimes in hot weather pin-holes appear mysteriously, generally lowering the temperature will prevent them, but an excellent plan is that lately suggested by Mr. Smith, viz. : to tilt the bath over so that the film side is undermost in the bath (see Feb. Journal), it will be found of great service. It will also be found of great service to take the plate from the bath slightly before it is fully sensitized, see that your film is creamy, but before the streaks are all gone move gently up and down in the bath, till the surface is free from streaks, then withdraw and drain well on a blotting pad. *We cannot too carefully impress on every photographer the necessity of at all times thoroughly draining their plates.* It is the beginning of all good photography, good for the negative, good for the plateholder, good for the carpets—in addition to draining, wipe well the back of the plate, the best thing we know for this purpose is an old cotton rag—costs little, hangs on a nail, handy, and when saturated with silver may be burnt. We need not again insist on pads of blotting paper in the plate-holder below the negative, it is so well known that this is the only sure preventative of stains on the face in summer that surely no one omits it now ; and then your shields, how pleasant to have them dry and clean.

THE COLLODION next demands our attention—a drop of *pure* glycerine or three or four grains of sugar per oz. has a most marked effect in preventing the film drying in hot weather. It will be well to test the matter practically on a small quantity, some collodion requiring more and some less, but either plans will greatly aid in keeping the film longer moist.

The Collodion will be apt to get thick and specky, a plan we have long followed may be used advantageously : have two stock bottles for your Collodion, and at least two pouring vials ; let us suppose you are beginning a new stock, have one stock bottle No. 1 full and one No. 2 empty, from the full one fill your vials. When you close in the evening empty your pouring vials into the empty stock bottle No. 2 and fill from No. 1. Continue this every evening till No. 1 is empty, then go back filling up from No. 2, by this means you will have clear, well-settled Collodion to start with every morning. *Never in any case pour direct on your plate from your stock bottle, you can never get clean work, and will always be in trouble.*

The developer will require more acid. We suggest the use of TULLY'S PREPARATION OF ACETIC ACID as the best acid for the developer, in warm weather it will be found superior in many respects to the one usually sold.

Fixing solution. Even your hyposoda requires renewal oftener in summer than in winter—not that it does not dissolve the free Iodide of silver as well, but that it is apt to leave a granular deposit on the delicate film, that destroys the beautiful texture of its surface, and injures the perfection of the negative.

The varnish must be hard in quality, or it will adhere to the paper, and ought to stand at least twelve hours before printing. Sandarac is not a good varnish for use at any time, but especially in summer. By-the-bye it may have escaped the notice of many photographers that sandarac ought never to be used on a negative that may have to be used for enlarging. Strange to say it deposits itself in drying on the negative in small rings, invisible to the naked eye, but very plain to be seen on the enlargement.

The film is very apt to slip in hot weather, but this is very easily prevented by the use of a substratum of albumen, which if used very dilute never injures the bath, and which we most unhesitatingly recommend to the notice of every photographer.

In our next we will try to give some information on the subject of printing in warm weather, by a practical printer, which will be read not only with profit but pleasure by our brother photos.

Dont forget to order "Bovey's Preservative Medium,"—keeps paper white in the hottest weather.

"A Word to the Wise."

On more than one or two occasions we have given offence by sending small orders C. O. D. to men in good standing and of high credit. We wish we could induce all our customers, whose orders are under \$50, to adopt the C. O. D. plan—not because we are doubtful of their credit, but because it would be beneficial to them and to us. In the first place, it would enable us to materially reduce our staff of clerks—no bookkeeping on either side would be requisite—and our expenses being thereby reduced, our customers would reap a decided advantage in closeness of price. As an extra inducement to fall in with our views in this respect, we will deduct from off the face of our invoice 5% for cash—and on bills of over ten dollars we will pay the collection. It is not so much a question of credit with us as expediency—for any business man will at once see that it creates much work in the office, where some hundreds of small accounts are running. These hard times 5% is worth having, so we commend our proposal to our country friends.

ABOUT OUR PRIZE.

The medals will be ready in two weeks, and will be very handsome.

Competitors will remember that we require six C. D. V. and six Cabinet Photos from each competitor. No two pictures to be alike, nor are any two C. D. V. or two cabinet pictures to be of the same person, but one C. D. V. and one cabinet may be of the same subject, differently treated.

It has been suggested that Eldridge Stanton, Esq., chief operator for so many years with Ewing & Co., and now in the employ of W. Williamson, Esq., Toronto, and J. H. Noverre, Esq., Toronto, be the judges, with power to choose an umpire. In order to secure as far as possible the equality of the competitors we require that the photos be all on one description of mounts, and for this purpose we will supply 100 C. D. V. and 25 cabinet mounts of best quality for \$2.20. No name or mark by which the artist can be distinguished will be allowed on the mounts, and they must be sent marked by a word or figure by which they can be distinguished. In a sealed envelope accompanying them, marked with the same mark, the name of the artist must be written. The picture as marked will be handed to the judges, and the envelopes will not be opened until they have made their decision. Award will be made early in June, and published in first number of journal thereafter. We hope to have a large and fine show of pictures for competition, as by the means taken to prevent identity there can be no possibility of favouritism. On the return of our Mr. Ewing from Europe we will offer new and useful prizes for future competition.

Have you tried the Promenade Picture yet? they are beautiful, can often be printed from Cabinet Negatives, and frame splendidly, specimens 3 for \$1.00.

Canadian Journal.

To Mr. Fraser.

DEAR SIR,—Seeing your letter in the *Canadian Journal of Photography* in relation to tent building, I undertake to give you a hint or two (as I have had a little experience in that line myself). Without an opening for side and top lights, even though you had sufficient light to operate, your pictures would not be at all pleasing.

Varnishing, you would very soon find to be objectionable, especially in transporting your tent, as in folding the canvas is very liable to crack or split; moreover, it adds very largely to its weight, and would take up more space when packed. To a

patent pailfull of water take a half pint of Ext. of Hemlock (or a little more according to the strength of it), place the tent in as small a tub as will conveniently hold it, cover it with the above mixture, and let it soak for four or five hours, then spread it to dry. Before this letter reaches you, you will, doubtless, have decided upon the form of tent most suitable to your requirements, so that any advice on that subject would come too late ; it only remains for me to remind you that you are coming to a wooden country, and a good, sharp axe will be much more easily carried than any extra timber.

Yours very truly,
N. P. WILLIAMS.

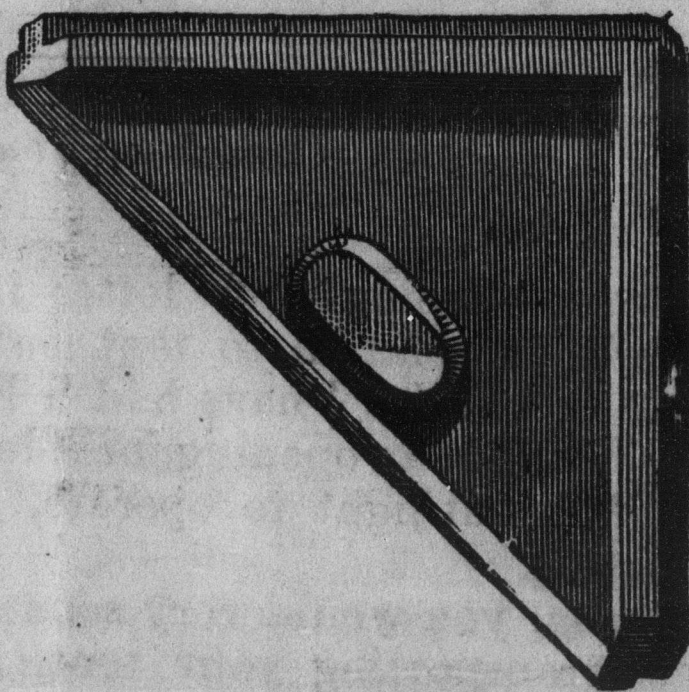
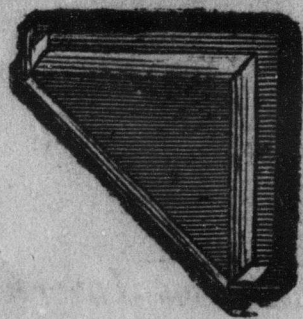
Silver Islet, Lake Superior.

Violet and Inlaid Enamel frames are just the thing for the new Promenade Picture.

Success Camera Boxes.

In strength, in convenience and adaptation of their parts, in the quality of wood and materials used, and lastly, in beauty and excellence of finish, the SUCCESS CAMERA BOXES are without a rival. They are supplied with Lewis's Patent Universal Solid Glass Corners, as per annexed designs.

These cameras were awarded the Medal of Progress at the Vienna Exposition, being the highest award made to any on either continent.

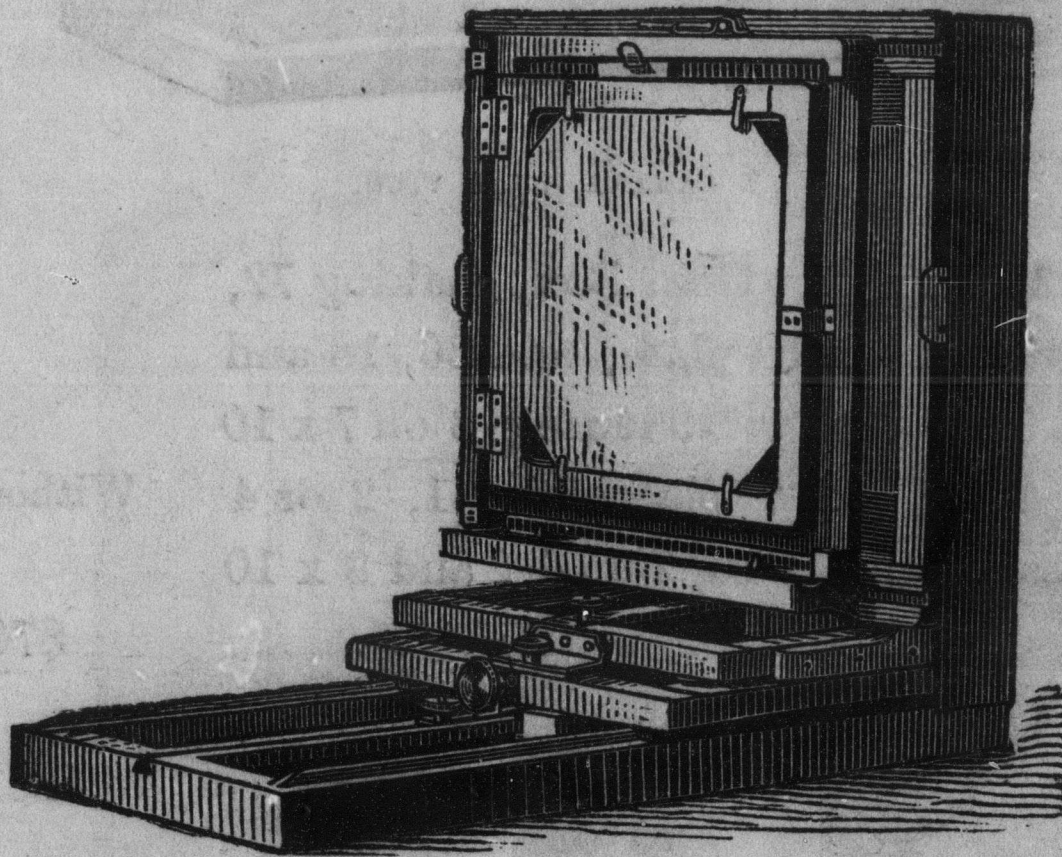


The Success Camera Boxes are designated by letters from A to Z.

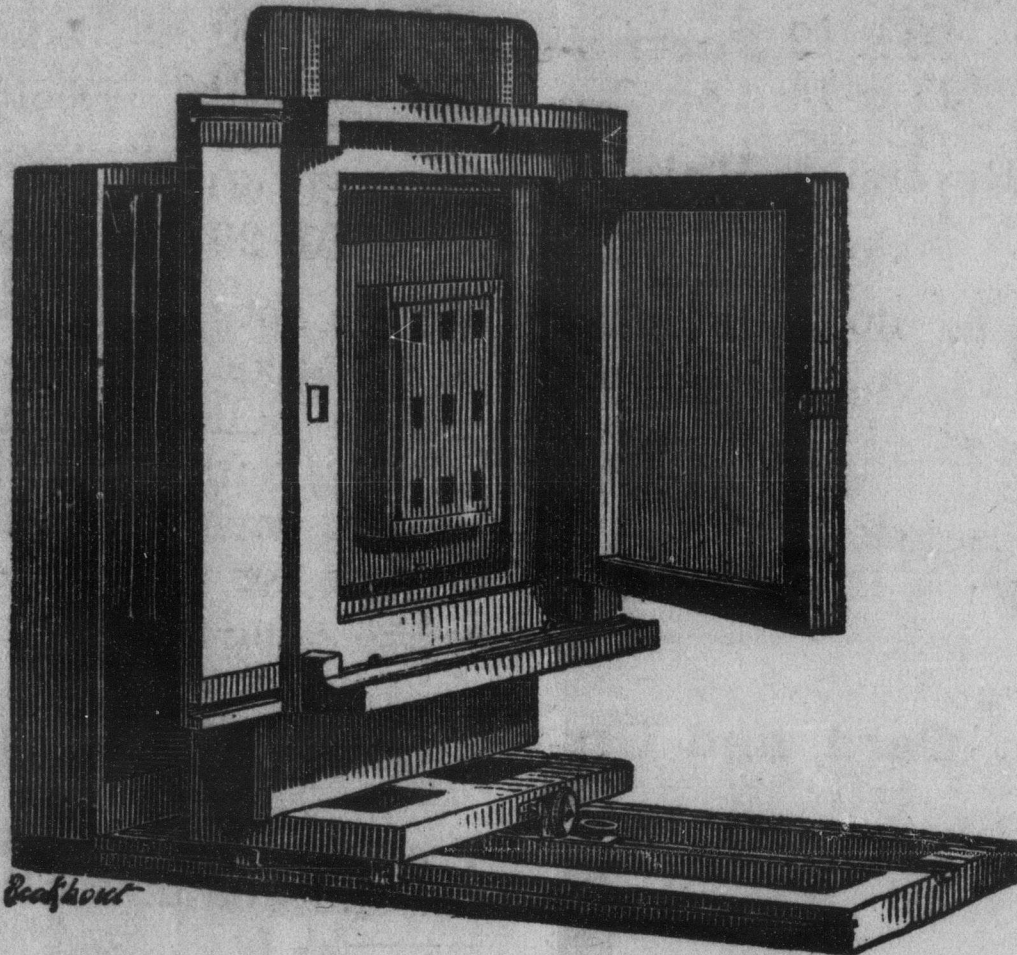
Portrait Boxes.

			Double Swing.
B	For Reversible Plate,	$4\frac{1}{4} \times 5\frac{1}{2}$	\$23 40
C	do	$6\frac{1}{2} \times 8\frac{1}{2}$	37 40
D	do	8 x 10	42 10
E	do	10 x 12	51 50
F	do	11 x 14	60 77
G	do	14 x 17	74 30

Gem, Card, and Universal Camera Boxes.



- L 4-4 Imperial and Card Camera Box, making for 1-9 to $\frac{1}{2}$ Reversible, 4-4 to 1-6 and Reversible, 2 Cards on $4\frac{1}{4}$ to $6\frac{1}{2}$ and two on $6\frac{1}{2} \times 8\frac{1}{2}$, using one tube..... \$47 00
- M 8 x 10 Imperial and Card Camera Box, making 8 x 10 to 1-6 and Reversible, two on 8 x 10, and two on $4\frac{1}{4} \times 6\frac{1}{2}$, using one tube..... Double Swing. \$52 60
- Without Silver Saving Bottle in shield, to order only.



N CAMERA, REAR VIEW.

N 8 x 10 Multiplying Gem Box, making 72,
 36 or 8 on 7 x 10 plate, and 36, 18 and
 9 on 5 x 7 with 9 1-9 lenses, 8 on 7 x 10
 and 4 on 5 x 7 plate with 1, 2 or 4
 lenses, 4 on 7 x 10, 2 on 4-4 and 8 x 10
 to $\frac{1}{4}$ Without Swing.
 \$70 00

TO ORDER.

The Compact View Success Camera.

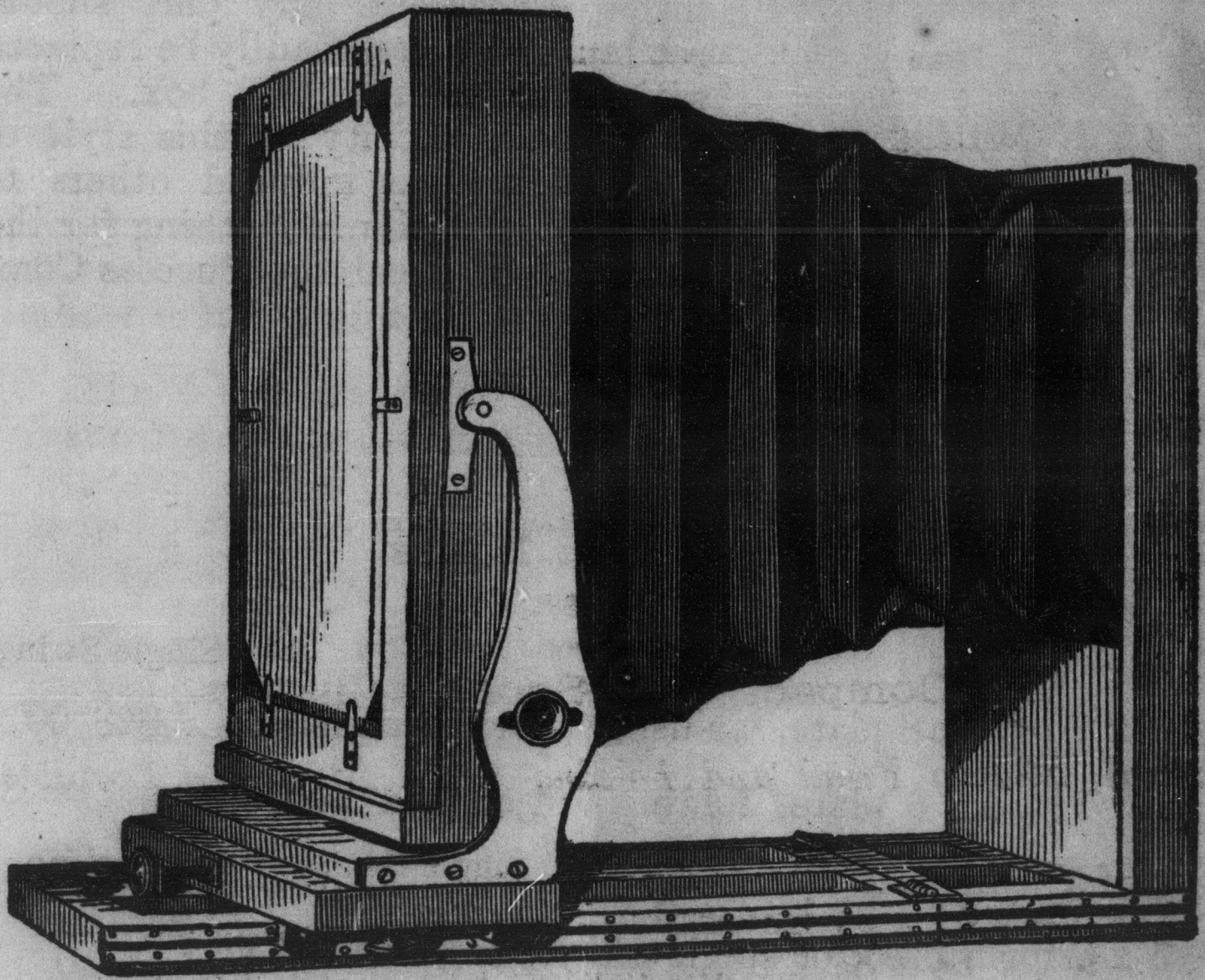
Vertical, Sliding Front and Folding Bed. Light and Portable.

		Single Swing. Double Swing.	
P	For View $4\frac{1}{4}$ x $5\frac{1}{2}$ Reversible.....	\$27 60	..... \$31 25
Q	do $6\frac{1}{2}$ x $8\frac{1}{2}$	37 00	..... 41 40
R	do 8 x 10.....	41 40	..... 46 00

S	do	10 x 12.....	50 60	.....	55 25
T	do	11 x 14.....	62 70	.....	69 00
U	do	14 x 17.....	71 90	.....	78 20
V	do	17 x 20.....	80 60	.....	92 00
W	do	20 x 24.....	101 20	.....	105 80

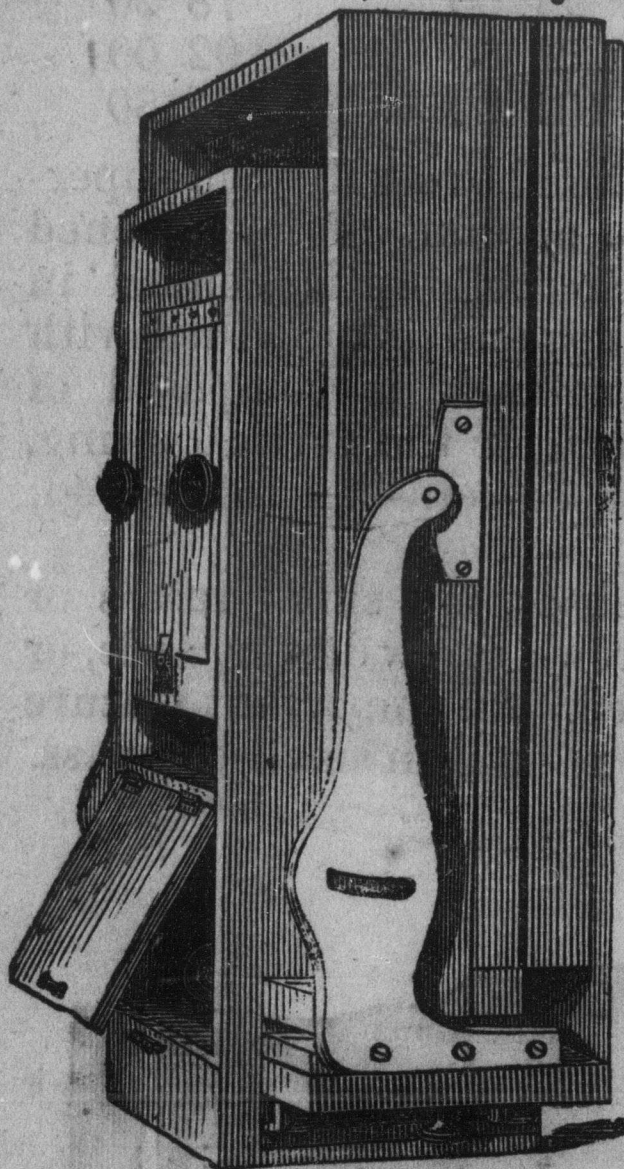
There can be but little doubt that the above will soon supersede all others for viewing purposes, on account of its lessened weight and greater compactness. The bellows is conical in shape. The bed of the camera is folding, and is provided with a focussing screw. The double swing-back is composed of Nelson Wright's Patent Metallic Support for the vertical swing, and the thumb-screws, which fasten the camera-box to the bed, form the second or lateral swing.

In front, below the apertures for lenses, is a small recess or closet, in which extra tubes, flanges, screws, screw driver, awls, or other small articles may be safely carried. An important feature is the decreased bulk, so that it can be packed in small compass.



THE COMPACT VIEW SUCCESS CAMERA. SIDE AND REAR VIEW.

The measurement from the front to the outside surface of the bed, as folded, is only six inches, and the weight twenty-two pounds, including ground glass and plate-holder, for a plate measuring 11 x 14 inches reversible. By referring to the opposite cut the compactness of this camera will be realized, and in front, below the aperture for the lenses, will be seen a small recess or closet, in which may be stored an awl, screws, screw driver, extra tubes, flanges or other small articles.



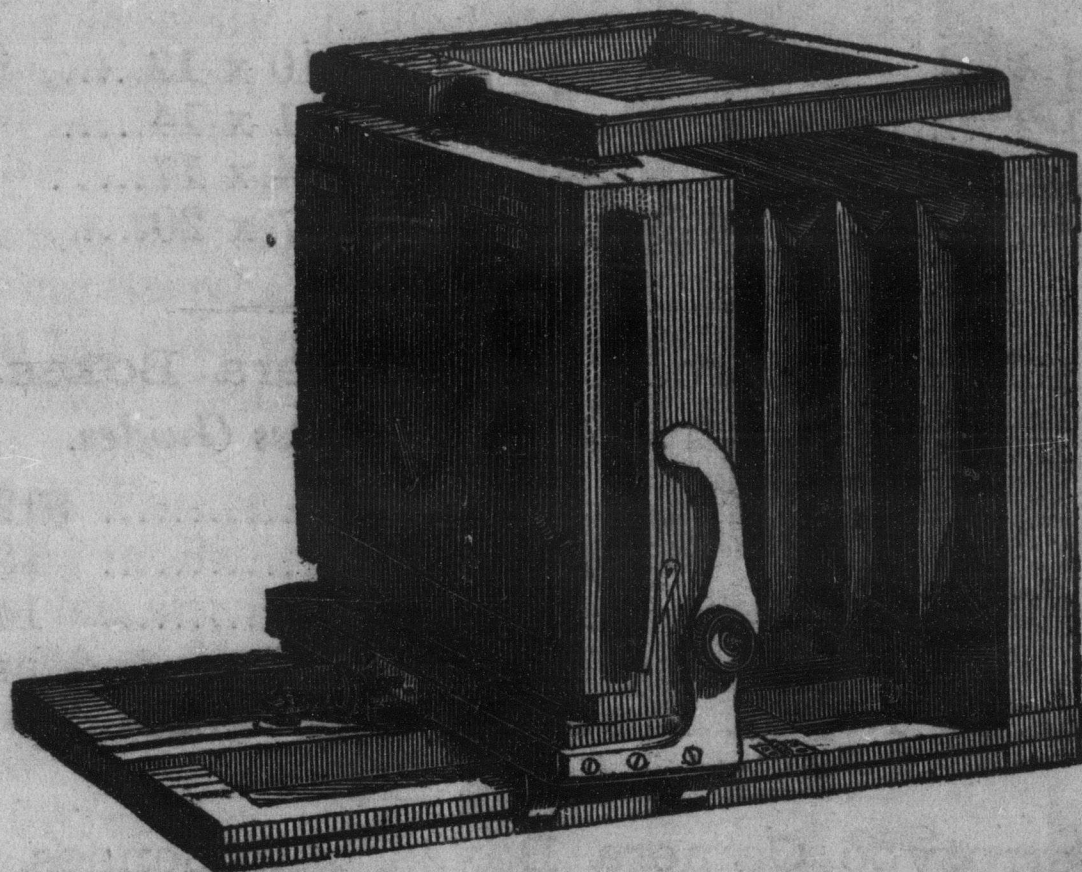
compact View Camera.

From the mode of construction the bed is rendered peculiarly rigid, and in their attachment and arrangement the brass guides are effectively protected from injury. In case that, through accident, any part should get broken, it can readily be replaced without returning the box. The obvious superiority of this style of view camera has induced others to follow in imitation. Nothing for the purpose will excel the Success Com-

Stereoscopic Boxes.

	Single Swing.
X 4 x 7 or 4 x 8 plate, for using short focus lenses...	\$28 00
Y 4 x 7 or 4 x 8 plate, folding bed and extra front, for using one lens if desired	33 00
Z 5 x 8 for Stereo, or single plates, can be used ver- tically	33 00

We append a cut of our improved Swing-back Success Camera Box, Z, which will show at a glance its advantages and superi-



SIDE AND REAR VIEW.

ority over other makes. It is furnished with "Wright's Patent Metallic Supports," which strengthen it, lessen the weight, and allow it to close more compactly.

The Z box has a folding bed and folding ground glass, the latter being lifted upward, lying on the top of the camera during exposure. The bellows is of rubber. The Z Success Stereo Box is so light, so compact, so strong, and, lastly, so pretty, that few can resist taking it.

The popular size of the stereoscopic negative is now 5 x 8 inches (one-half of an 8 x 10 plate), and this is almost the only size asked for for the purpose.

In this, as well as in all our stereoscopic boxes, the partition can be removed and the box reversed on the tripod, for using the 5 x 8 plate vertically as well as horizontally. From the favour with which this box has been received by the trade, we predict a rapid victory over every other style of stereoscopic camera in use.

Anthony's Portrait Camera Boxes.

Black Walnut, rubber bellows, improved wooden guide, solid bed, swinging ground glass and reversible shield, and solid glass corners.

No. 1. 1-4.....	\$10 00	No. 5. 10 x 12.....	\$33 00
" 2. 1-2.....	11 00	" 6. 11 x 14.....	41 25
" 3. 4-4.....	16 50	" 7. 14 x 17.....	52 25
" 4. 8 x 10	24 75	" 8. 17 x 20.....	66 00

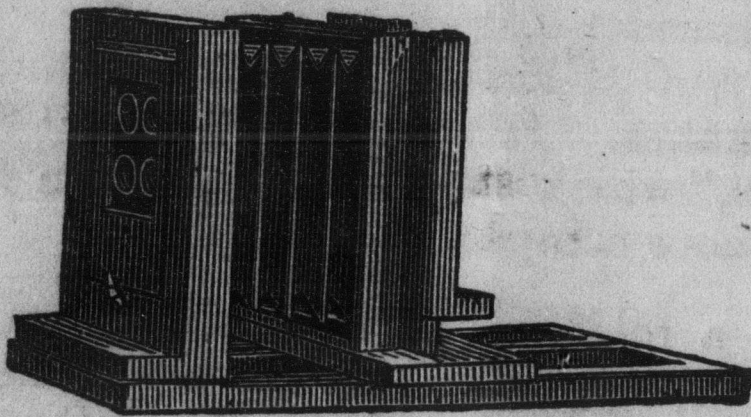
Anthony's Stereoscopic Camera Boxes.

With Solid Beds and Central Brass Guides.

No. 33. For 4 x 7 Plate.....	\$12 10
" 34. " 4 x 8 "	12 50
" 35. " 5 x 8 "	14 85

Mahogany, raise front, swing back, focus screw and brass side guide. No. 37. For 5 x 8 Plate..... \$24 75.

Ferrotypes Camera Boxes and Lenses.



Made of good material and warranted correct. The lenses are good and well matched.

No. 42 New York Gem box and reversible holder, for 4, 8, and 16 on $\frac{1}{4}$ plate, with four 1-9 lenses, arranged for making two bon tons on 1-2 plate with one lens	\$20 00
Price, including 4 1-9 lenses	35 00

Bargains.

Having the following goods on hand which we desire to dispose of, we offer them at the annexed prices, which will be found much less than cost:—

CAMERA BOXES.

- A second-hand half plate bellows..... \$5 00
 Camera for two cards on one plate (cost \$18 00)..... 12 00
 Screw focus Camera, rising front for cabinet and $\frac{1}{4}$ for.... 16 00
 " " " " " 4-4 and do..... 18 00
 " " " swing back do..... 22 00
 1 4-4 French Roller, (sells \$25)..... 16 00
 1 Revolving Stereoscope, holds 50..... 15 00
 1 English Oil Background, (cost \$30.00) for..... 15 00
 1 second-hand Ross Stereo Lense..... 8 00
 1 " " View, French, 10 x 12..... 15 00
 1 New, 4-4, French..... \$30 00
 1 Derogy, $\frac{1}{2}$ multiple, has box of Lenses to change the
 focus, has six different foci, and can make six differ-
 ent sizes of pictures from one station..... 35 00
 1 do. do. same kind, 4-4..... 50 00
 1 Kinnear Camera for 10 x 12 views, cost \$50 00, will take
 \$30 00 for it.
 1 Ross, 4-4, second-hand, good as new, for..... 90 00
 A lot of Photo Almanacs at 25c. each, cost 50c.
 A lot of Oxford and Gilt Frames, odd sizes at half price, a great
 bargain.
 A large lot of Albums at cost. We are selling out our Albums,
 and will give *bona fide* bargains.

EWING & CO.

BIGELOW'S REVOLVING BACK-GROUND.

Having secured a large lot cheap, we can now offer above splen-
 did Back-ground at the very low price of \$7 50 ; former price,
 \$9 75.

Compare our Card-mounts with other houses at the same
 price.

Collodion.

Our Collodions still continue to give the greatest satisfaction,
 and wereceive from numerous customers expressions of unquali-

fied praise. C. E. Fenton writes us:—"Your collodion works more successfully than any I have ever had. I have tried all sorts, but can find none like yours."

W. C. Adams, of Owen Sound. "Best Collodion I have ever tried—have used it constantly for six years."

Our table is still in great request, a splendid new lot just finishing. Price, \$16.00.

Danish Intensifier.

Waterdown, 23rd April, 1875.

Messrs. Ewing & Co.

GENTLEMEN,—Please allow me to call the attention of my brother photographers to your Danish Intensifier. I have been using it for some time and find it all that can be required, giving a beautiful tint to the negative, without destroying the lights and shadows, as is so often done by other Intensifiers, for weak negatives and copies it certainly has no equal.

CHAS. W. BROWN,
Photographer,
Waterdown.

PRICE 50c. BOTTLE.

If you want a fine mat for a picture, Ewing & Co. have nearly every size and style.

Photographic Varnishes.

We keep constantly on hand all the Varnishes of the leading makers, but can highly recommend our own preparation. They are cheaper, and purchasers will find that, unlike many makers, both in Canada and the States, who give only *six ounce* bottles, all our varnishes are put up in *full eight ounce* bottles.

The New Nonpareil Plate.

This new plate is a splendid success. We have had difficulty in keeping a stock, the demand has been so lively, they are easy to produce and easy to finish, and are the finest pictures in existence, when well made. (In our last we gave full directions for making and have little to add here). We may remark that the use of ammonia in the collodion is followed with excellent results. Pour into a separate vial as much collodion as you are going to use immediately, and add two or three drops of ammonia, it will print very richly and tone well. *Don't add ammonia till you are going to use the collodion, and only to the portion you use.*

Hearn's Collodio Chloride 60c. per 4oz. bottle.
 Anthony's " \$1 50 per 1/2 lb.
 Critcherson's " 1 60, in 2 bottles.

Nonpareil Plates.

Per box of 1 doz.	1/8 size	.....	\$1 20
" "	1/4 "	.....	2 25
" "	1/2 "	.....	3 85
" "	3/4 "	.....	8 80

Our last lot of Eagle Paper nearly all gone, only a small lot left, send early, no more to be had.

Backgrounds.

We have in stock some new backgrounds, very good, painted in flatted oil.

Plain 6 x 8, \$6 00
 7 x 8, 7 00
 8 x 10, 8 00

Splendid interiors about 8 x 10, from \$12.00 to \$18.00 ; also on hand, a few in water colour (*distemper*) at cost, some of them very good ; a paper background (French) 6 x 8, finely painted, in distemper, at \$3.00—only four left.

Try the new white Porcelain Plates, they are a great success, many artists have made quite a run on them, they pay well.

Soluble Cottons.

We call attention to a fresh importation of soluble paper, the finest we have ever had. We got specimens for our own use, but finding them so excellent imported a package. It is really splendid. 1 oz. in Envelope, \$1 10.

We have on hand the following useful brands, every one of which we have thoroughly tested, and can guarantee.

Anthony's snowy	per oz.	\$1 08
Anthony's	"	55
Poulence and L. Wittman Paris..	"	1 25
English	"	45
Schering	"	50
Papier oxyline	"	1 10

Do you want a Background painted after your own design?
We can do it for you.

PHOTO GALLERY FOR SALE.

IN one of the best towns in Northern Ontario—Front Shop—double show window in front, Art Gallery attached, good studio finely lighted, with everything complete for a first class business—present occupant has done an excellent business at good prices—good reasons for selling—will sell furnished with or without Lenses—\$500 required down, balance on time. For terms, &c., address with stamp, "EVE," care Ewing & Co.

PHOTO GALLERY FOR SALE IN BARRIE.

A fine town on the Northern Railway—a first class gallery opposite the Railway station. The subscriber has for many years done a first class business in this gallery, and only sells on account of other and more pressing business.

Address,

D. GARTON,
Photographer,
Barrie.

Solar Camera and $\frac{1}{4}$ Ross Lense, second hand. Apply to Ewing & Co.

We beg to call the attention of Photographers to this journal as a medium of advertising. Wants, Assistants, &c., 10 lines, \$1.